# Conforms to Regulation (EC) No. 1907/2006 (REACH), Annex II, as amended by Commission Regulation (EU) 2020/878

# **SAFETY DATA SHEET**



ALPOCRYL LE 5393-40 - All variants

## SECTION 1: Identification of the substance/mixture and of the company/ undertaking

#### 1.1 Product identifier Product name

: ALPOCRYL LE 5393-40 - All variants

**1.2 Relevant identified uses of the substance or mixture and uses advised againstProduct use**: Paint.

#### 1.3 Details of the supplier of the safety data sheet

Teknos Group Oy, Takkatie 3, FI-00370 HELSINKI, FINLAND. Tel. +358 9 506 091. e-mail address of person : Prod-safe@teknos.com responsible for this SDS

#### **National contact**

Teknos Group Oy, Takkatie 3, FI-00370 HELSINKI, FINLAND. Tel. +358 9 506 091.

#### 1.4 Emergency telephone number

#### National advisory body/Poison Centre

Telephone number: In an emergency, call 112

#### **SECTION 2: Hazards identification**

#### 2.1 Classification of the substance or mixture

Product definition : Mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]

Flam. Liq. 3, H226 Skin Irrit. 2, H315 Eye Irrit. 2, H319 STOT SE 3, H336 STOT RE 2, H373

The product is classified as hazardous according to Regulation (EC) 1272/2008 as amended.

See Section 16 for the full text of the H statements declared above.

See Section 11 for more detailed information on health effects and symptoms.

#### 2.2 Label elements

Hazard pictograms



Signal word	1	Warning
Hazard statements		<ul> <li>H226 - Flammable liquid and vapour.</li> <li>H315 - Causes skin irritation.</li> <li>H319 - Causes serious eye irritation.</li> <li>H336 - May cause drowsiness or dizziness.</li> <li>H373 - May cause damage to organs through prolonged or repeated exposure.</li> </ul>
Precautionary statements		
Prevention		<ul> <li>P280 - Wear protective gloves. Wear eye or face protection.</li> <li>P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.</li> <li>P260 - Do not breathe vapour.</li> </ul>

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## **SECTION 2: Hazards identification**

SECTION 2. Hazarus	it	
Response	1	P314 - Get medical advice/attention if you feel unwell.
Storage	:	P403 + P233 - Store in a well-ventilated place. Keep container tightly closed.
Disposal	:	P501 - Dispose of contents and container in accordance with all local, regional, national and international regulations.
Hazardous ingredients	:	Contains: n-Butyl acetate and Xylene
Supplemental label elements	:	Contains Methyl methacrylate. May produce an allergic reaction. Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist.
Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles	:	
2.3 Other hazards		
Product meets the criteria for PBT or vPvB according to Regulation (EC) No. 1907/2006, Annex XIII	:	This mixture does not contain any substances that are assessed to be a PBT or a vPvB.
Other hazards which do not result in classification	1	None known.

## **SECTION 3: Composition/information on ingredients**

Product/ingredient name	Identifiers	%	Classification	Specific Conc. Limits, M-factors and ATEs	Туре
n-Butyl acetate	REACH #: 01-2119485493-29 EC: 204-658-1 CAS: 123-86-4 Index: 607-025-00-1	≥25 - ≤50	Flam. Liq. 3, H226 STOT SE 3, H336 EUH066	-	[1] [2]
titanium dioxide	REACH #: 01-2119489379-17 EC: 236-675-5 CAS: 13463-67-7	≥10 - ≤25	Carc. 2, H351 (inhalation)	-	[1] [*]
Xylene	REACH #: 01-2119488216-32 EC: 215-535-7 CAS: 1330-20-7 Index: 601-022-00-9	≥10 - <20	Flam. Liq. 3, H226 Acute Tox. 4, H312 Acute Tox. 4, H332 Skin Irrit. 2, H315 Eye Irrit. 2, H319 STOT SE 3, H335 STOT RE 2, H373 (oral, inhalation) Asp. Tox. 1, H304	ATE [Dermal] = 1100 mg/kg ATE [Inhalation (vapours)] = 11 mg/ I	[1] [2]
Ethylbenzene	REACH #: 01-2119489370-35 EC: 202-849-4 CAS: 100-41-4 Index: 601-023-00-4	≤3	Flam. Liq. 2, H225 Acute Tox. 4, H332 STOT RE 2, H373 (hearing organs) (oral, inhalation) Asp. Tox. 1, H304	ATE [Inhalation (vapours)] = 11 mg/ I	[1] [2]
2-butoxyethyl acetate	REACH #: 01-2119475112-47 EC: 203-933-3 CAS: 112-07-2 Index: 607-038-00-2	≤3	Acute Tox. 4, H312 Acute Tox. 4, H332	ATE [Dermal] = 1500 mg/kg ATE [Inhalation (vapours)] = 11 mg/ I	[1] [2]

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## **SECTION 3: Composition/information on ingredients**

SECTION 5. Composition/information on ingredients					
Methyl methacrylate	REACH #: 01-2119452498-28 EC: 201-297-1 CAS: 80-62-6 Index: 607-035-00-6	≤0.3	Flam. Liq. 2, H225 Skin Irrit. 2, H315 Skin Sens. 1, H317 STOT SE 3, H335	-	[1] [2]
propylidynetrimethanol	REACH #: 01-2119486799-10 EC: 201-074-9 CAS: 77-99-6	≤0.3	Repr. 2, H361fd	-	[1]
			See Section 16 for the full text of the H statements declared above.		

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment, are PBTs, vPvBs or Substances of equivalent concern, or have been assigned a workplace exposure limit and hence require reporting in this section. <u>Type</u>

[1] Substance classified with a health or environmental hazard

[2] Substance with a workplace exposure limit

[\*] The classification as a carcinogen by inhalation applies only to mixtures placed on the market in powder form containing 1% or more of titanium dioxide particles with aerodynamic diameter  $\leq$  10 µm not bound within a matrix.

Occupational exposure limits, if available, are listed in Section 8.

4.2 Most important symptoms and effects, both acute and delayed

## SECTION 4: First aid measures

#### 4.1 Description of first aid measures

Eye contact	: Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention.
Inhalation	: Remove victim to fresh air and keep at rest in a position comfortable for breathing. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention. If necessary, call a poison center or physician. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.
Skin contact	: Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Continue to rinse for at least 10 minutes. Get medical attention. Wash clothing before reuse. Clean shoes thoroughly before reuse.
Ingestion	: Wash out mouth with water. Remove dentures if any. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention. If necessary, call a poison center or physician. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.
Protection of first-aiders	: No action shall be taken involving any personal risk or without suitable training. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation.

Over-exposure signs/sym	<u>ptoms</u>					
Eye contact	: Adverse syr pain or irrita watering redness	mptoms may include the ation	e following:			
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Inhalation	: Adverse symptoms may include the following:
	nausea or vomiting
	headache
	drowsiness/fatigue
	dizziness/vertigo
	unconsciousness
Skin contact	: Adverse symptoms may include the following:
	irritation
	redness
Ingestion	: No specific data.
4.3 Indication of any imn	nediate medical attention and special treatment needed
Notes to physician	<ul> <li>Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.</li> </ul>
Specific treatments	: No specific treatment.

5.1 Extinguishing media	
Suitable extinguishing media	: Use dry chemical, CO <sub>2</sub> , water spray (fog) or foam.
Unsuitable extinguishing media	: Do not use water jet.
5.2 Special hazards arising	rom the substance or mixture
Hazards from the substance or mixture	: Flammable liquid and vapour. Runoff to sewer may create fire or explosion hazard. In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of a subsequent explosion.
Hazardous combustion products	: Decomposition products may include the following materials: carbon dioxide carbon monoxide metal oxide/oxides
5.3 Advice for firefighters	
Special protective actions for fire-fighters	: Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool.
Special protective equipment for fire-fighters	: Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.

## **SECTION 6: Accidental release measures**

6.1 Personal precautions, pro	ote	ctive equipment and emergency procedures
For non-emergency personnel	:	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Shut off all ignition sources. No flares, smoking or flames in hazard area. Avoid breathing vapour or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.
For emergency responders	:	If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
6.2 Environmental precautions	:	Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
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## **SECTION 6: Accidental release measures**

#### 6.3 Methods and material for containment and cleaning up

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Small spill	: Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
Large spill	: Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Approach the release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations. Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilt product.
6.4 Reference to other sections	: See Section 1 for emergency contact information. See Section 8 for information on appropriate personal protective equipment. See Section 13 for additional waste treatment information.

## **SECTION 7: Handling and storage**

The information in this section contains generic advice and guidance. The list of Identified Uses in Section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s).

#### 7.1 Precautions for safe handling

Protective measures	: Put on appropriate personal protective equipment (see Section 8). Do not breathe vapour or mist. Do not ingest. Avoid contact with eyes, skin and clothing. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Do not enter storage areas and confined spaces unless adequately ventilated. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Store and use away from heat, sparks, open flame or any other ignition source. Use explosion-proof electrical (ventilating, lighting and material handling) equipment. Use only non-sparking tools. Take precautionary measures against electrostatic discharges. Empty containers retain product residue and can be hazardous. Do not reuse container.
Advice on general occupational hygiene	: Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

#### 7.2 Conditions for safe storage, including any incompatibilities

Store in accordance with local regulations. Store in a segregated and approved area. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Eliminate all ignition sources. Separate from oxidising materials. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination.

#### Seveso Directive - Reporting thresholds

# Danger criteriaCategoryNotification and MAPP<br/>thresholdSafety report thresholdP5c5000 tonne50000 tonne

#### 7.3 Specific end use(s) Recommendations

: Not available.

# Industrial sector specific solutions

: Not available.

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The information in this section contains generic advice and guidance. Information is provided based on typical anticipated uses of the product. Additional measures might be required for bulk handling or other uses that could significantly increase worker exposure or environmental releases.

## 8.1 Control parameters

**Occupational exposure limits** 

Product/ingredient name	Exposure limit values
n-Butyl acetate	Regulation on Limit Values - MAC (Austria, 4/2021). [Butyl
	acetate (all isomers except tert-butyl acetate)]
	CEIL: 480 mg/m <sup>3</sup> 15 minutes.
	CEIL: 100 ppm 15 minutes.
	TWA: 241 mg/m <sup>3</sup> 8 hours.
	TWA: 50 ppm 8 hours.
Xylene	Regulation on Limit Values - MAC (Austria, 4/2021). [Xylenes
,	(all isomers)]
	PEAK: 442 mg/m³, 4 times per shift, 15 minutes.
	TWA: 50 ppm 8 hours.
	PEAK: 100 ppm, 4 times per shift, 15 minutes.
	TWA: 221 mg/m <sup>3</sup> 8 hours.
Ethylbenzene	Regulation on Limit Values - MAC (Austria, 4/2021). Absorbed
	through skin.
	TWA: 100 ppm 8 hours.
	TWA: 440 mg/m <sup>3</sup> 8 hours.
	CEIL: 200 ppm, 8 times per shift, 5 minutes.
	CEIL: 880 mg/m <sup>3</sup> , 8 times per shift, 5 minutes.
2-butoxyethyl acetate	Regulation on Limit Values - MAC (Austria, 4/2021). Absorbed
	through skin.
	TWA: 20 ppm 8 hours.
	TWA: 133 mg/m <sup>3</sup> 8 hours.
	PEAK: 40 ppm, 4 times per shift, 30 minutes.
	PEAK: 270 mg/m³, 4 times per shift, 30 minutes.
Methyl methacrylate	Regulation on Limit Values - MAC (Austria, 4/2021). Skin
	sensitiser.
	TWA: 50 ppm 8 hours.
	TWA: 210 mg/m <sup>3</sup> 8 hours.
	CEIL: 100 ppm, 8 times per shift, 5 minutes.
	CEIL: 420 mg/m <sup>3</sup> , 8 times per shift, 5 minutes.
n-Butyl acetate	Limit values (Belgium, 5/2021). [butyl acetate, all isomers]
	STEL: 712 mg/m <sup>3</sup> 15 minutes.
	STEL: 150 ppm 15 minutes.
	TWA: 238 mg/m <sup>3</sup> 8 hours.
	TWA: 50 ppm 8 hours.
Xylene	Limit values (Belgium, 5/2021). [Xylene] Absorbed through
	skin.
	TWA: 50 ppm 8 hours.
	TWA: 221 mg/m <sup>3</sup> 8 hours.
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	STEL: 100 ppm 15 minutes.
	STEL: 442 mg/m <sup>3</sup> 15 minutes.
Ethylbenzene	Limit values (Belgium, 5/2021). Absorbed through skin.
	TWA: 20 ppm 8 hours.
	TWA: 87 mg/m <sup>3</sup> 8 hours.
	STEL: 125 ppm 15 minutes.
	STEL: 551 mg/m <sup>3</sup> 15 minutes.
2-butoxyethyl acetate	Limit values (Belgium, 5/2021). Absorbed through skin.
	TWA: 20 ppm 8 hours.
	TWA: 133 mg/m <sup>3</sup> 8 hours.
	STEL: 50 ppm 15 minutes.
	STEL: 333 mg/m <sup>3</sup> 15 minutes.
Methyl methacrylate	Limit values (Belgium, 5/2021).
, ,	TWA: 50 ppm 8 hours.
	TWA: 208 mg/m <sup>3</sup> 8 hours.
	STEL: 416 mg/m <sup>3</sup> 15 minutes.
	STEL: 100 ppm 15 minutes.

n-Butyl acetate	Ministry of Labour and Social Policy and the Ministry of
	Health - Ordinance No 13/2003. (Bulgaria, 6/2021).
	Limit value 8 hours: 241 mg/m <sup>3</sup> 8 hours.
	Limit value 15 min: 723 mg/m³ 15 minutes.
	Limit value 15 min: 150 ppm 15 minutes.
	Limit value 8 hours: 50 ppm 8 hours.
Xylene	Ministry of Labour and Social Policy and the Ministry of
	Health - Ordinance No 13/2003. (Bulgaria, 6/2021). [Xylene
	(mixture of isomers), pure] Absorbed through skin.
	Limit value 8 hours: 221 mg/m <sup>3</sup> 8 hours.
	Limit value 15 min: 442 mg/m <sup>3</sup> 15 minutes.
	Limit value 15 min: 100 ppm 15 minutes.
	Limit value 8 hours: 50 ppm 8 hours.
Ethylbenzene	Ministry of Labour and Social Policy and the Ministry of
	Health - Ordinance No 13/2003. (Bulgaria, 6/2021). Absorbed
	through skin.
	Limit value 8 hours: 435 mg/m <sup>3</sup> 8 hours.
	Limit value 15 min: 545 mg/m <sup>3</sup> 15 minutes.
2-butoxyethyl acetate	Ministry of Labour and Social Policy and the Ministry of
	Health - Ordinance No 13/2003. (Bulgaria, 6/2021). Absorbed
	through skin.
	Limit value 8 hours: 133 mg/m <sup>3</sup> 8 hours.
	Limit value 15 min: 333 mg/m <sup>3</sup> 15 minutes.
	Limit value 8 hours: 20 ppm 8 hours.
	Limit value 15 min: 50 ppm 15 minutes.
Methyl methacrylate	Ministry of Labour and Social Policy and the Ministry of
	Health - Ordinance No 13/2003. (Bulgaria, 6/2021).
	Limit value 8 hours: 50 ppm 8 hours.
n ran uid un atrimath an al	Limit value 15 min: 100 ppm 15 minutes.
propylidynetrimethanol	Ministry of Labour and Social Policy and the Ministry of
	Health - Ordinance No 13/2003. (Bulgaria, 6/2021).
	Limit value 8 hours: 50 mg/m³ 8 hours.
n-Butyl acetate	Ministry of Economy, Labour and Entrepreneurship ELV/
	STELV (Croatia, 1/2021).
	STELV: 723 mg/m <sup>3</sup> 15 minutes.
	STELV: 150 ppm 15 minutes.
	ELV: 241 mg/m <sup>3</sup> 8 hours.
	ELV: 50 ppm 8 hours.
Xylene	Ministry of Economy, Labour and Entrepreneurship ELV/
,	STELV (Croatia, 1/2021). [xylene (all isomers)] Absorbed
	through skin.
	STELV: 442 mg/m <sup>3</sup> 15 minutes.
	STELV: 100 ppm 15 minutes.
	ELV: 221 mg/m <sup>3</sup> 8 hours.
	ELV: 50 ppm 8 hours.
Ethylbenzene	Ministry of Economy, Labour and Entrepreneurship ELV/
	STELV (Croatia, 1/2021). Absorbed through skin.
	STELV: 884 mg/m <sup>3</sup> 15 minutes.
	STELV: 864 fight 15 minutes.
	ELV: 442 mg/m <sup>3</sup> 8 hours.
2 hutowetbyl acatata	ELV: 100 ppm 8 hours.
2-butoxyethyl acetate	Ministry of Economy, Labour and Entrepreneurship ELV/
	STELV (Croatia, 1/2021). Absorbed through skin.
	STELV: 333 mg/m <sup>3</sup> 15 minutes.
	STELV: 50 ppm 15 minutes.
	ELV: 133 mg/m <sup>3</sup> 8 hours.
	ELV: 20 ppm 8 hours.
Methyl methacrylate	Ministry of Economy, Labour and Entrepreneurship ELV/
	STELV (Croatia, 1/2021). Absorbed through skin. Skin
	sensitiser.
	STELV: 100 ppm 15 minutes.
	ELV: 50 ppm 8 hours.
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Republic, 10/2022).TWA: 241 mg/m³ 8 hours.STEL: 723 mg/m³ 15 minutes.STEL: 149.661 ppm 15 minutes.TWA: 49.887 ppm 8 hours.WA: 49.887 ppm 8 hours.Government regulation of Czech Republic PEL/NPK-P (ORepublic, 10/2022). [xylene, technical mixture of isomers]all isomers] Absorbed through skin.TWA: 200 mg/m³ 8 hours.TWA: 45.4 ppm 8 hours.STEL: 400 mg/m³ 15 minutes.STEL: 90.8 ppm 15 minutes.	n-Butyl acetate	Department of labour inspection (Cyprus, 7/2021).
Yviene       TWA: 50 ppm 8 hours. TWA: 241 mg/m <sup>2</sup> 8 hours.         STEL: 100 ppm 15 minutes. STEL: 142 mg/m <sup>2</sup> 8 hours.       STEL: 142 mg/m <sup>2</sup> 15 minutes.         TWA: 50 ppm 8 hours.       TWA: 221 mg/m <sup>2</sup> 8 hours.         TWA: 221 mg/m <sup>2</sup> 8 hours.       TWA: 221 mg/m <sup>2</sup> 8 hours.         TWA: 221 mg/m <sup>2</sup> 8 hours.       TWA: 221 mg/m <sup>2</sup> 8 hours.         TWA: 221 mg/m <sup>2</sup> 8 hours.       TWA: 221 mg/m <sup>2</sup> 8 hours.         STEL: 844 mg/m <sup>2</sup> 15 minutes.       STEL: 50 ppm 16 minutes.         STEL: 50 ppm 16 minutes.       STEL: 50 ppm 16 minutes.         STEL: 50 ppm 16 minutes.       STEL: 50 ppm 16 minutes.         STEL: 50 ppm 16 minutes.       STEL: 50 ppm 16 minutes.         STEL: 50 ppm 16 minutes.       STEL: 50 ppm 16 minutes.         TWA: 133 mg/m <sup>2</sup> 8 hours.       STEL: 50 ppm 16 minutes.         TWA: 20 ppm 8 hours.       TWA: 20 ppm 8 hours.         n-Butyl acetate       Government regulation of Czech Republic PEL/NPK-P (0         Republic, 10/0222).       TWA: 49.887 ppm 8 hours.         stret: 723 mg/m <sup>2</sup> 16 minutes.       STEL: 50 ppm 15 minutes.         STEL: 100 ppm 15 minutes.       STEL: 723 mg/m <sup>2</sup> 16 minutes.         STEL: 100 ppm 15 minutes.       STEL: 100 ppm 15 minutes.         STEL: 100 ppm 15 minutes.       STEL: 100 ppm 15 minutes.         STEL: 100 mg/m <sup>2</sup> 8 hours.       STEL: 200 mg/m <sup>2</sup> 8 hour		
TWA: 241 ing/m³ 8 hours.         Cylene       Department of labour inspection (Cyprus, 7/2021). [Xylen mixed isomers] Absorbed through skin.         STEL: 100 ppm 15 minutes.         STEL: 424 mg/m³ 15 minutes.         TWA: 50 ppm 8 hours.         TWA: 50 ppm 8 hours.         Department of labour inspection (Cyprus, 7/2021). Absorthrough skin.         STEL: 221 mg/m³ 8 hours.         TWA: 100 ppm 8 hours.         STEL: 200 ppm 15 minutes.         STEL: 333 mg/m³ 15 minutes.         TWA: 20 ppm 8 hours.         TWA: 244 mg/m³ 8 hours.         STEL: 700 ppm 15 minutes.         TWA: 244 mg/m³ 8 hours.         STEL: 200 ppm 15 minutes.         TWA: 244 mg/m³ 8 hours.         STEL: 100 pg/m³ 8 hours.		
Kylene     Department of labour inspection (Cyprus, 7/2021). [Kylei mixed isomers] Absorbed through skin. STEL: 442 mg/m <sup>+1</sup> 15 minutes.       Ethylbenzene     Department of labour inspection (Cyprus, 7/2021). Absorthrough skin.       Ethylbenzene     Department of labour inspection (Cyprus, 7/2021). Absorthrough skin.       STEL: 884 mg/m <sup>+1</sup> 8 hours.     STEL: 884 mg/m <sup>+1</sup> 8 hours.       2-butoxyethyl acetate     Department of labour inspection (Cyprus, 7/2021). Absorthrough skin.       STEL: 200 ppm 15 minutes.     TWA: 100 ppm 8 hours.       STEL: 300 ppm 15 minutes.     STEL: 300 ppm 15 minutes.       STEL: 300 ppm 15 minutes.     STEL: 333 mg/m <sup>+1</sup> 8 hours.       STEL: 300 ppm 15 minutes.     STEL: 333 mg/m <sup>+1</sup> 8 hours.       STEL: 100 ppm 16 minutes.     STEL: 50 ppm 16 minutes.       TWA: 20 ppm 8 hours.     STEL: 50 ppm 16 minutes.      Butyl acetate     Department of labour inspection (Cyprus, 7/2021).       N=Butyl acetate     Government regulation of Czech Republic PEL/NPK-P (GRepublic, 10/2022).       TWA: 20 mg/m <sup>+1</sup> 8 hours.     STEL: 149.661 ppm 15 minutes.       sTEL: 149.661 ppm 15 minutes.     STEL: 149.661 ppm 15 minutes.       Kylene     Government regulation of Czech Republic PEL/NPK-P (GRepublic, 10/2022).       Kylene     Government regulation of Czech Republic PEL/NPK-P (GRepublic, 10/2022).       STEL: 300 mg/m <sup>+1</sup> 8 hours.     STEL: 300 mg/m <sup>+1</sup> 5 minutes.       STEL: 300 mg/m <sup>+1</sup> 15 minutes.     STEL: 300 mg		
<ul> <li>mixed isomers] Absorbed through skin.</li> <li>STEL: 100 ppm 15 minutes.</li> <li>STEL: 442 mg/m<sup>3</sup> 15 minutes.</li> <li>TWA: 50 ppm 8 hours.</li> <li>TWA: 221 mg/m<sup>3</sup> 16 minutes.</li> <li>TWA: 100 ppm 8 hours.</li> <li>TWA: 100 ppm 8 hours.</li> <li>STEL: 844 mg/m<sup>3</sup> 15 minutes.</li> <li>TWA: 100 ppm 8 hours.</li> <li>STEL: 844 mg/m<sup>3</sup> 15 minutes.</li> <li>STEL: 844 mg/m<sup>3</sup> 16 minutes.</li> <li>STEL: 844 mg/m<sup>3</sup> 16 minutes.</li> <li>STEL: 844 mg/m<sup>3</sup> 16 minutes.</li> <li>STEL: 200 ppm 15 minutes.</li> <li>STEL: 200 ppm 15 minutes.</li> <li>STEL: 200 ppm 15 minutes.</li> <li>STEL: 333 mg/m<sup>3</sup> 16 minutes.</li> <li>STEL: 300 ppm 15 minutes.</li> <li>STEL: 300 ppm 15 minutes.</li> <li>TWA: 30 ppm 8 hours.</li> <li>STEL: 100 ppm 15 minutes.</li> <li>STEL: 100 ppm 15 minutes.</li> <li>STEL: 100 ppm 15 minutes.</li> <li>STEL: 100 ppm 16 minutes.</li> <li>STEL: 100 ppm 18 minutes.</li> <li>STEL: 100 ppm 18 hours.</li> <li>STEL: 123 mg/m<sup>3</sup> 16 minutes.</li> <li>STEL: 1240 gpm 8 hours.</li> <li>STEL: 1240 gpm 8 hours.</li> <li>STEL: 1240 gpm 15 minutes.</li> <li>STEL: 1240 gpm 15 minutes.</li> <li>STEL: 149.8661 ppm 15 minutes.</li> <li>STEL: 149.867 ppm 8 hours.</li> <li>STEL: 149.867 ppm 8 hours.</li> <li>STEL: 140.90 mg/m<sup>3</sup> 8 hours.</li> <li>STEL: 140 mg/m<sup>3</sup> 8 hours.</li> <li>STEL: 200 apm 15 minutes.</li> <li>STEL: 200 apm 15 minutes.</li> <li>STEL: 200 apm 15 minutes.</li> <li>STEL: 200 mg/m<sup>3</sup> 16 minutes.</li> <li>STEL: 200 apm 15 minutes.</li> <li>STEL: 200 mg/m<sup>3</sup> 16 minutes.</li> <li>STEL: 300 mg/m<sup>3</sup> 16 minutes.</li></ul>		
STEL: 100 ppm 15 minutes.         STEL: 442 mg/m³ 15 minutes.         TWA: 50 ppm 8 hours.         TWA: 221 mg/m³ 8 hours.         Department of labour inspection (Cyprus, 7/2021). Abso through skin.         STEL: 884 mg/m³ 15 minutes.         TWA: 100 ppm 8 hours.         TWA: 100 ppm 8 hours.         STEL: 200 ppm 15 minutes.         TWA: 20 ppm 8 hours.         STEL: 50 ppm 15 minutes.         TWA: 20 ppm 8 hours.         STEL: 50 ppm 15 minutes.         TWA: 20 ppm 8 hours.         STEL: 100 ppm 15 minutes.         TWA: 20 ppm 8 hours.         STEL: 100 ppm 15 minutes.         TWA: 211 mg/m³ 8 hours.         STEL: 100 pg/m³ 15 minutes.         TWA: 49.887 ppm 8 hours.         STEL: 723 mg/m³ 15 minutes.         TWA: 49.887 ppm 8 hours.         STEL: 200 pm 15 minutes.         TWA: 45.4 ppm 8 hours.	(ylene	
STEL: 442 mg/m³ 15 minutes. TWA: 50 ppm 8 hours. TWA: 221 mg/m³ 15 minutes. TWA: 221 mg/m³ 16 minutes. STEL: 884 mg/m³ 15 minutes. TWA: 442 mg/m³ 16 hours. STEL: 884 mg/m³ 15 minutes. TWA: 442 mg/m³ 16 hours. STEL: 200 ppm 8 hours. STEL: 300 ppm 15 minutes. STEL: 300 ppm 15 minutes. STEL: 303 mg/m³ 16 minutes. STEL: 303 mg/m³ 16 minutes. STEL: 300 ppm 8 hours. TWA: 20 ppm 8 hours. TWA: 20 ppm 8 hours. TWA: 50 ppm 8 hours. TWA: 50 ppm 8 hours. STEL: 300 mg/m³ 8 hours. STEL: 300 mg/m³ 8 hours. STEL: 300 mg/m³ 15 minutes. STEL: 723 mg/m³ 15 minutes. STEL: 720 mg/m³ 15 mi		
TWA: 50 ppm 8 hours.         TWA: 221 mg/m <sup>3</sup> 8 hours.         STEL: 884 mg/m <sup>3</sup> 15 minutes.         TWA: 100 ppm 8 hours.         TWA: 200 ppm 8 hours.         TWA: 200 ppm 8 hours.         TWA: 200 ppm 15 minutes.         STEL: 200 ppm 15 minutes.         STEL: 333 mg/m <sup>3</sup> 15 minutes.         STEL: 333 mg/m <sup>3</sup> 15 minutes.         STEL: 333 mg/m <sup>3</sup> 15 minutes.         TWA: 20 ppm 8 hours.         STEL: 100 ppm 15 minutes.         STEL: 100 ppm 16 minutes.         TWA: 20 mg/m <sup>3</sup> 8 hours.         Butyl acetate       Government regulation of Czech Republic PEL/NPK-P (CRepublic, 10/2022), Laylone, technical mixture of isomer all isomers] Absorbed through skin.         Weine       Government regulation of Czech Republic PEL/NPK-P (CRepublic, 10/2022), Laylone, technical mixture of isomer all isomers] Absorbed through skin.         TWA: 45.4 ppm 8 hours.       STEL: 400 mg/m <sup>3</sup> 15 minutes.         STEL: 200 mg/m <sup>3</sup> 15 minutes.       STEL: 400 mg/m <sup>3</sup> 15 minutes.         STEL: 400 mg/m <sup>3</sup> 15 minutes.       STEL: 500 mg/m <sup>3</sup> 15 minutes.         STEL: 500 mg/m <sup>3</sup> 15 minutes.       STEL: 500 mg/m <sup>3</sup> 15		
<ul> <li>TWA: 221 ing/m<sup>2</sup> 8 hours.</li> <li>Department of labour inspection (Cyprus, 7/2021). Abso through skin.</li> <li>STEL: 884 mg/m<sup>2</sup> 15 minutes.</li> <li>TWA: 442 mg/m<sup>2</sup> 8 hours.</li> <li>TWA: 442 mg/m<sup>2</sup> 8 hours.</li> <li>STEL: 200 ppm 15 minutes.</li> <li>Department of labour inspection (Cyprus, 7/2021). Abso through skin.</li> <li>STEL: 50 ppm 15 minutes.</li> <li>STEL: 50 ppm 15 minutes.</li> <li>STEL: 100 ppm 15 minutes.</li> <li>TWA: 133 mg/m<sup>2</sup> 8 hours.</li> <li>TWA: 50 ppm 8 hours.</li> <li>TWA: 50 ppm 8 hours.</li> <li>TWA: 50 ppm 8 hours.</li> <li>STEL: 723 mg/m<sup>2</sup> 15 minutes.</li> <li>STEL: 149.661 ppm 15 minutes.</li> <li>STEL: 149.661 ppm 15 minutes.</li> <li>STEL: 149.861 ppm 8 hours.</li> <li>STEL: 149.861 ppm 15 minutes.</li> <li>STEL: 149.861 ppm 15 minutes.</li> <li>STEL: 140 mg/m<sup>2</sup> 8 hours.</li> <li>STEL: 140 mg/m<sup>2</sup> 16 minutes.</li> <li>STEL: 140 mg/m<sup>2</sup> 16 minutes.</li> <li>STEL: 400 mg/m<sup>2</sup> 16 minutes.</li> <li>STEL: 500 mg</li></ul>		
Ithylbenzene       Department of labour inspection (Cyprus, 7/2021). Absord through skin.         STEL: 884 mg/m³ 15 minutes.       TWA: 100 ppm 8 hours.         -butoxyethyl acetate       Department of labour inspection (Cyprus, 7/2021). Absord through skin.         -butoxyethyl acetate       Department of labour inspection (Cyprus, 7/2021). Absord through skin.         -butoxyethyl acetate       Department of labour inspection (Cyprus, 7/2021). Absord through skin.         -butoxyethyl acetate       Department of labour inspection (Cyprus, 7/2021).         -butoxyethyl acetate       Department of labour inspection (Cyprus, 7/2021).         -butoxyethyl acetate       STEL: 303 mg/m³ 15 minutes.         -Butyl acetate       Covernment regulation of Czech Republic PEL/NPK-P (CRepublic, 10/2022).         -Butyl acetate       Government regulation of Czech Republic PEL/NPK-P (CRepublic, 10/2022). [xylene, technical mixture of isomers all isomers] Absorbed through skin.         -Butyl acetate       Government regulation of Czech Republic PEL/NPK-P (CRepublic, 10/2022). [xylene, technical mixture of isomers all isomers] Absorbed through skin.         -STEL: 400 mg/m³ 15 minutes.       STEL: 400 mg/m³ 15 minutes.         -Stel: 400 mg/m³ 15 minutes.       STEL: 400 mg/m³ 15 minutes.         -Stel: 400 mg/m³ 15 minutes.       STEL: 400 mg/m³ 15 minutes.         -Stel: 400 mg/m³ 15 minutes.       STEL: 400 mg/m³ 15 minutes.         -Stel: 400 mg/m³ 15 minutes. <t< td=""><td></td><td></td></t<>		
through skin. STEL: 884 mg/m <sup>3</sup> 15 minutes. TWA: 100 ppm 8 hours. TWA: 442 mg/m <sup>3</sup> 8 hours. STEL: 200 ppm 15 minutes. Department of labour inspection (Cyprus, 7/2021). Abso through skin. STEL: 50 ppm 15 minutes. STEL: 333 mg/m <sup>3</sup> 15 minutes. TWA: 20 ppm 8 hours. TWA: 20 ppm 8 hours. TWA: 20 ppm 9 5 minutes. TWA: 20 ppm 9 5 minutes. TWA: 20 ppm 9 5 minutes. TWA: 333 mg/m <sup>3</sup> 8 hours. Department of labour inspection (Cyprus, 7/2021). STEL: 100 ppm 15 minutes. TWA: 50 ppm 8 hours. STEL: 100 ppm 15 minutes. TWA: 50 ppm 8 hours. STEL: 723 mg/m <sup>3</sup> 15 minutes. STEL: 400 mg/m <sup>3</sup> 8 hours. STEL: 11.5 ppm 8 hours. STEL: 11.5 ppm 8 hours. STEL: 11.5 ppm 8 hours. STEL: 11.5 ppm 8 hours. STEL: 13.5 ppm 8 hours. STEL: 13.5 ppm 8 hours. STEL: 13.5 ppm 8 hours. STEL: 13.5 ppm 8 hours. STEL: 300 mg/m <sup>3</sup> 15 minutes. STEL: 45 ppm 8 hours. STEL: 45 ppm 8 hours. STEL: 45 ppm 8 hours. STEL: 150 mg/m <sup>3</sup> 15 minutes. STEL:		
STEL< 884 mg/m <sup>3</sup> 15 minutes.         TWA: 100 ppm 8 hours.         TWA: 442 mg/m <sup>3</sup> 8 hours.         STEL: 200 ppm 15 minutes.         STEL: 330 mg/m <sup>3</sup> 15 minutes.         STEL: 333 mg/m <sup>3</sup> 15 minutes.         STEL: 333 mg/m <sup>3</sup> 16 minutes.         TWA: 20 ppm 8 hours.         TWA: 20 ppm 8 hours.         TWA: 20 ppm 8 hours.         TWA: 30 ppm 8 hours.         Bepartment of labour inspection (Cyprus, 7/2021).         STEL: 303 mg/m <sup>3</sup> 16 minutes.         TWA: 20 ppm 8 hours.         Butyl acetate         Government regulation of Czech Republic PEL/NPK-P (0         Republic, 10/2022).         TWA: 49.88 ppm 8 hours.         STEL: 723 mg/m <sup>3</sup> 15 minutes.         STEL: 80.8 ppm 15 minutes.         STEL: 90.8 ppm 15 minutes.         STEL: 90.8 ppm 15 minutes.         STEL: 90.8 ppm 3 hours. <td>thylbenzene</td> <td></td>	thylbenzene	
TWA: 100 ppm 8 hours.         TWA: 442 mg/m 8 hours.         TWA: 442 mg/m 8 hours.         STEL: 200 ppm 15 minutes.         Department of labour inspection (Cyprus, 7/2021). Abso through skin.         STEL: 303 mg/m 15 minutes.         STEL: 303 mg/m 15 minutes.         TWA: 20 ppm 8 hours.         TWA: 20 ppm 8 hours.         TWA: 20 ppm 15 minutes.         TWA: 20 ppm 8 hours.         TWA: 50 ppm 16 minutes.         TWA: 50 ppm 16 minutes.         TWA: 50 ppm 8 hours.         TWA: 50 ppm 8 hours.         TWA: 50 ppm 8 hours.         TWA: 49.887 ppm 8 hours.         STEL: 100 ppm 15 minutes.         STEL: 110 ppm 15 minutes.         STEL: 120.8 ppm 15 minutes.         STEL: 149.661 ppm 15 minutes.         STEL: 149.661 ppm 15 minutes.         STEL: 100 mg/m 8 hours.         TWA: 200 mg/m 8 hours.         TWA: 200 mg/m 8 hours.         TWA: 45.4 ppm 8 hours.         STEL: 100 Rpm 15 minutes.         STEL: 20.22), [xylene, technical mixture of isomers all isomers] Absorbed through skin.         TWA: 45.4 ppm 8 hours.         STEL: 200 mg/m 8 hours. <t< td=""><td></td><td>•</td></t<>		•
-butoxyethyl acetate       TWA: 442 mg/m³ 8 hours. STEL: 200 ppm 15 minutes. STEL: 300 ppm 15 minutes. STEL: 303 mg/m³ 15 minutes. STEL: 303 mg/m³ 15 minutes. TWA: 20 ppm 8 hours. TWA: 20 ppm 8 hours. TWA: 313 mg/m³ 8 hours.         •ethyl methacrylate       Department of labour inspection (Cyprus, 7/2021). STEL: 100 ppm 15 minutes. TWA: 303 mg/m³ 8 hours.         •Butyl acetate       Government regulation of Czech Republic PEL/NPK-P (0 Republic, 10/2022). TWA: 241 mg/m³ 8 hours. STEL: 723 mg/m³ 15 minutes. STEL: 748.661 ppm 15 minutes. STEL: 748.667 ppm 15 minutes. STEL: 449.661 ppm 15 minutes. STEL: 449.667 ppm 16 mours.         •ylene       Government regulation of Czech Republic PEL/NPK-P (0 Republic, 10/2022), ylene, technical mixture of isomera all isomers] Absorbed through skin. TWA: 49.867 ppm 8 hours. STEL: 400 mg/m³ 15 minutes. STEL: 400 mg/m³ 15 minutes. STEL: 90.8 ppm 15 minutes. STEL: 100 mg/m³ 8 hours. TWA: 19.5 ppm 8 hours. STEL: 300 mg/m³ 8 hours. TWA: 19.5 ppm 8 hours. STEL: 45 ppm 15 minutes. STEL: 45 ppm 8 hours. STEL: 100 mg/m³ 8 hours. TWA: 12 ppm 8 hours. STEL: 100 mg/m³ 8 hours. STEL: 100 mg/m³ 8 hours.		
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-butoxyethyl acetate Department of labour inspection (Cyprus, 7/2021). Abso through skin. STEL: 50 ppm 15 minutes. STEL: 333 mg/m³ 15 minutes. TWA: 20 ppm 8 hours. TWA: 20 ppm 8 hours. TWA: 20 ppm 8 hours. Department of labour inspection (Cyprus, 7/2021). STEL: 100 ppm 15 minutes. TWA: 50 ppm 8 hours. Bettyl acetate Government regulation of Czech Republic PEL/NPK-P (0 Republic, 10/2022). STEL: 149.661 ppm 15 minutes. STEL: 723 mg/m³ 8 hours. STEL: 149.661 ppm 15 minutes. TWA: 45.4 ppm 8 hours. TWA: 200 mg/m³ 8 hours. STEL: 90.8 ppm 15 minutes. STEL: 113.5 ppm 15 minutes. STEL: 113.5 ppm 15 minutes. STEL: 13.5 ppm 15 minutes. STEL: 13.5 ppm 15 minutes. STEL: 13.5 ppm 15 minutes. STEL: 45.0 mg/m³ 8 hours. STEL: 13.5 ppm 15 minutes. STEL: 14.5 ppm 15 minutes. STEL: 15.0 mg/m³ 16 minutes. STEL: 15.0 mg/m³ 16 minutes. STEL: 15.0 mg/m³ 16 minutes. STEL: 45 ppm 8 hours. TWA: 19.5 ppm 8 hours. STEL: 45 ppm 15 minutes. STEL: 15.0 mg/m³ 15 minu		
through skin.       STEL: 50 ppm 15 minutes.         STEL: 50 ppm 8 hours.       TWA: 20 ppm 8 hours.         TWA: 133 mg/m <sup>2</sup> 8 hours.       TWA: 133 mg/m <sup>2</sup> 8 hours.         Jethyl methacrylate       Department of labour inspection (Cyprus, 7/2021).         -Butyl acetate       Government regulation of Czech Republic PEL/NPK-P (I Republic, 10/2022).         -Butyl acetate       Government regulation of Czech Republic PEL/NPK-P (I Republic, 10/2022).         -Butyl acetate       Government regulation of Czech Republic PEL/NPK-P (I Republic, 10/2022).         STEL: 723 mg/m <sup>3</sup> 8 hours.       STEL: 723 mg/m <sup>3</sup> 15 minutes.         STEL: 723 mg/m <sup>3</sup> 15 minutes.       STEL: 723 mg/m <sup>3</sup> 15 minutes.         STEL: 723 mg/m <sup>3</sup> 15 minutes.       STEL: 723 mg/m <sup>3</sup> 15 minutes.         STEL: 724 mg/m <sup>3</sup> 8 hours.       TWA: 49.887 ppm 8 hours.         (ylene       Government regulation of Czech Republic PEL/NPK-P (I Republic, 10/2022). Laylene, technical mixture of isomers all isomers] Absorbed through skin.         TWA: 45.4 ppm 8 hours.       STEL: 90.8 ppm 15 minutes.         STEL: 90.0 mg/m <sup>3</sup> 15 minutes.       STEL: 90.8 ppm 15 minutes.         STEL: 90.0 mg/m <sup>3</sup> 15 minutes.       STEL: 13.5 ppm 15 minutes.         -butoxyethyl acetate       Government regulation of Czech Republic PEL/NPK-P (I Republic, 10/2022). Absorbed through skin.         -butoxyethyl acetate       Government regulation of Czech Republic PEL/NPK-P (I Republic		
STEL: 50 ppm 15 minutes.         STEL: 333 mg/m <sup>3</sup> 15 minutes.         TWA: 20 ppm 8 hours.         TWA: 20 ppm 15 minutes.         TWA: 31 mg/m <sup>3</sup> 8 hours.         Betyl acetate         Boyston         Betyl acetate         Government regulation of Czech Republic PEL/NPK-P (0         Republic, 10/2022).         TWA: 21 mg/m <sup>3</sup> 8 hours.         STEL: 723 mg/m <sup>3</sup> 15 minutes.         STEL: 723 mg/m <sup>3</sup> 16 minutes.         STEL: 149.661 ppm 15 minutes.         TWA: 49.887 ppm 8 hours.         TWA: 49.887 ppm 8 hours.         TWA: 45.4 ppm 8 hours.         TWA: 45.4 ppm 8 hours.         STEL: 90.0 mg/m <sup>3</sup> 8 hours.         TWA: 42.00 mg/m <sup>3</sup> 8 hours.         STEL: 10.0 mg/m <sup>3</sup> 8 hours.         STEL: 113.5 ppm 15 minutes.         STEL: 13.0 m	-butoxyetnyl acetate	
STEL: 333 mg/m³ 15 minutes. TWA: 20 ppm 8 hours.Itethyl methacrylateDepartment of labour inspection (Cyprus, 7/2021). STEL: 100 ppm 15 minutes. TWA: 50 ppm 8 hoursButyl acetateGovernment regulation of Czech Republic PEL/NPK-P (C Republic, 10/2022). TWA: 241 mg/m³ 8 hours. STEL: 723 mg/m³ 15 minutes. STEL: 723 mg/m³ 15 minutes. STEL: 749.661 ppm 15 minutes. STEL: 749.661 ppm 15 minutes. STEL: 749.867 ppm 8 hours. Government regulation of Czech Republic PEL/NPK-P (C Republic, 10/2022). [xylene, technical mixture of isomers all isomers] Absorbed through skin. TWA: 45.4 ppm 8 hours. STEL: 900 mg/m³ 8 hours. STEL: 400 mg/m³ 8 hours. STEL: 400 mg/m³ 8 hours. STEL: 90.8 ppm 15 minutes. STEL: 90.8 ppm 15 minutes. STEL: 90.8 ppm 15 minutes. STEL: 100 mg/m³ 8 hours. STEL: 100 mg/m³ 8 hours. STEL: 500 mg/m³ 15 minutes. STEL: 100 mg/m³ 15 minutes. STEL: 45 ppm 15 mi		
TWA: 20 ppn 8 hours.         TWA: 133 mg/m³ 8 hours.         TWA: 133 mg/m³ 8 hours.         TWA: 50 ppm 8 hours.         Butyl acetate         Government regulation of Czech Republic PEL/NPK-P (0 Republic, 10/2022).         TWA: 241 mg/m³ 8 hours.         STEL: 723 mg/m³ 15 minutes.         STEL: 723 mg/m³ 15 minutes.         STEL: 723 mg/m³ 15 minutes.         STEL: 749.661 ppm 15 minutes.         TWA: 49.887 ppm 8 hours.         STEL: 149.661 ppm 15 minutes.         TWA: 49.887 ppm 8 hours.         TWA: 49.887 ppm 8 hours.         TWA: 49.887 ppm 8 hours.         TWA: 40.887 ppm 8 hours.         TWA: 200 mg/m³ 8 hours.         TWA: 45.4 ppm 8 hours.         STEL: 90.8 ppm 15 minutes.         STEL: 500 mg/m³ 8 hours.         TWA: 45.4 ppm 8 hours.         STEL: 500 mg/m³ 15 minutes.         STEL: 113.5 ppm 15 minutes.         STEL: 100 mg/m³ 8 hours.         TWA: 45.4 ppm 8 hours.         STEL: 500 mg/m³ 15 minutes.         STEL: 100 mg/m³ 8 hours.         STEL: 100 mg/m³ 8 hours.         STEL: 100 mg/m³ 15 minutes.         STEL: 100		
tethyl methacrylateTWA: 133 mg/m³ 8 hours.bepartment of labour inspection (Cyprus, 7/2021). STEL: 100 ppm 15 minutes. TWA: 50 ppm 8 hoursButyl acetateGovernment regulation of Czech Republic PEL/NPK-P (C Republic, 10/2022). TWA: 241 mg/m³ 8 hours. STEL: 723 mg/m³ 15 minutes. STEL: 743 mg/m³ 8 hours. STEL: 744 mg/m³ 8 hours. STEL: 748 mg/m³ 8 hours. STEL: 700 mg/m³ 8 hours. STEL: 90.8 ppm 15 minutes. STEL: 90.8 ppm 15 minutes. STEL: 500 mg/m³ 15 minutes. STEL: 300 mg/m³ 15 m		
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STEL: 100 ppm 15 minutes. TWA: 50 ppm 8 hours.         -Butyl acetate       Government regulation of Czech Republic PEL/NPK-P ( Republic, 10/2022). TWA: 241 mg/m <sup>3</sup> 8 hours. STEL: 723 mg/m <sup>3</sup> 15 minutes. STEL: 749.661 ppm 15 minutes. TWA: 49.887 ppm 8 hours.         vylene       Government regulation of Czech Republic PEL/NPK-P ( Republic, 10/2022). [xylene, technical mixture of isomera all isomers] Absorbed through skin. TWA: 49.887 ppm 8 hours. STEL: 400 mg/m <sup>3</sup> 8 hours. STEL: 400 mg/m <sup>3</sup> 15 minutes. STEL: 90.8 ppm 15 minutes. STEL: 90.8 ppm 15 minutes. STEL: 90.8 ppm 15 minutes. STEL: 500 mg/m <sup>3</sup> 15 minutes. STEL: 500 mg/m <sup>3</sup> 8 hours. TWA: 45.4 ppm 8 hours. STEL: 500 mg/m <sup>3</sup> 8 hours. TWA: 45.4 ppm 8 hours. STEL: 500 mg/m <sup>3</sup> 8 hours. TWA: 45.4 ppm 8 hours. STEL: 113.5 ppm 15 minutes. STEL: 113.5 ppm 15 minutes. STEL: 113.5 ppm 15 minutes. STEL: 100 mg/m <sup>3</sup> 8 hours. TWA: 130 mg/m <sup>3</sup> 8 hours. TWA: 130 mg/m <sup>3</sup> 8 hours. STEL: 300 mg/m <sup>3</sup> 15 minutes. STEL: 300 mg/m <sup>3</sup> 15 minutes. STEL: 300 mg/m <sup>3</sup> 15 minutes. STEL: 100 mg/m <sup>3</sup> 15 minutes.		
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Aethyl methacrylate       STEL: 300 mg/m³ 15 minutes.         STEL: 45 ppm 15 minutes.         Government regulation of Czech Republic PEL/NPK-P (CRepublic, 10/2022). Skin sensitiser.         TWA: 50 mg/m³ 8 hours.         TWA: 12 ppm 8 hours.         STEL: 150 mg/m³ 15 minutes.		
Methyl methacrylate       STEL: 45 ppm 15 minutes.         Methyl methacrylate       Government regulation of Czech Republic PEL/NPK-P (CRepublic, 10/2022). Skin sensitiser.         TWA: 50 mg/m³ 8 hours.       TWA: 12 ppm 8 hours.         STEL: 150 mg/m³ 15 minutes.		
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TWA: 50 mg/m <sup>3</sup> 8 hours. TWA: 12 ppm 8 hours. STEL: 150 mg/m <sup>3</sup> 15 minutes.		
TWA: 12 ppm 8 hours. STEL: 150 mg/m <sup>3</sup> 15 minutes.		
STEL: 150 mg/m <sup>3</sup> 15 minutes.		
		STEL. 30 ppm 13 minutes.

	n-Butyl acetate	Working Environment Authority (Denmark, 6/2022). [Butyl acetate, all isomers]	
		TWA: 50 ppm 8 hours.	
		TWA: 241 mg/m <sup>3</sup> 8 hours.	
		STEL: 723 mg/m <sup>3</sup> 15 minutes.	
		STEL: 150 ppm 15 minutes.	
	Xylene	Working Environment Authority (Denmark, 6/2022). [Xylene	es,
		all isomers] Absorbed through skin.	
		TWA: 25 ppm 8 hours.	
		TWA: 109 mg/m <sup>3</sup> 8 hours.	
		STEL: 442 mg/m <sup>3</sup> 15 minutes.	
		STEL: 100 ppm 15 minutes.	
	Ethylbenzene	Working Environment Authority (Denmark, 6/2022). Absort	bed
		through skin. Carcinogen.	
		TWA: 50 ppm 8 hours.	
		TWA: 217 mg/m <sup>3</sup> 8 hours.	
		STEL: 434 mg/m <sup>3</sup> 15 minutes.	
		STEL: 100 ppm 15 minutes.	
	2-butoxyethyl acetate	Working Environment Authority (Denmark, 6/2022). Absorb	hod
		through skin.	Jeu
		•	
		TWA: 20 ppm 8 hours.	
		TWA: 134 mg/m <sup>3</sup> 8 hours.	
		STEL: 333 mg/m <sup>3</sup> 15 minutes.	
		STEL: 50 ppm 15 minutes.	
	Methyl methacrylate	Working Environment Authority (Denmark, 6/2022). Absort	Jea
		through skin.	
		TWA: 25 ppm 8 hours.	
		TWA: 102 mg/m <sup>3</sup> 8 hours.	
		STEL: 100 ppm 15 minutes.	
	n-Butyl acetate	Occupational exposure limits, Regulation No. 293 (Estonia	l,
		12/2022).	
		STEL: 150 ppm 15 minutes.	
		STEL: 723 mg/m <sup>3</sup> 15 minutes.	
		TWA: 50 ppm 8 hours.	
		TWA: 241 mg/m <sup>3</sup> 8 hours.	
	Xylene	Occupational exposure limits, Regulation No. 293 (Estonia	ι.
		12/2022). [Xylenes] Absorbed through skin.	-,
		TWA: 50 ppm 8 hours.	
		STEL: 100 ppm 15 minutes.	
		STEL: 450 mg/m <sup>3</sup> 15 minutes.	
		TWA: 200 mg/m <sup>3</sup> 8 hours.	
	Ethylbenzene	Occupational exposure limits, Regulation No. 293 (Estonia	i.
		12/2022). Absorbed through skin. Skin sensitiser.	-,
		TWA: 442 mg/m <sup>3</sup> 8 hours.	
		TWA: 100 ppm 8 hours.	
		STEL: 884 mg/m <sup>3</sup> 15 minutes.	
		STEL: 200 ppm 15 minutes.	
	2-butoxyethyl acetate	Occupational exposure limits, Regulation No. 293 (Estonia	
		12/2022). Absorbed through skin. Skin sensitiser.	.,
		TWA: 133 mg/m <sup>3</sup> 8 hours.	
		TWA: 20 ppm 8 hours.	
		STEL: $333 \text{ mg/m}^3$ 15 minutes.	
		STEL: 50 ppm 15 minutes.	
	Methyl methacrylate	Occupational exposure limits, Regulation No. 293 (Estonia	
		12/2022). Skin sensitiser.	l,
		TWA: 50 ppm 8 hours.	
		STEL: 100 ppm 15 minutes.	
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#### SECTION 8: Exposure controls/personal protection n-Butyl acetate EU OEL (Europe, 1/2022). Notes: list of indicative occupational exposure limit values STEL: 150 ppm 15 minutes. STEL: 723 mg/m3 15 minutes. TWA: 241 mg/m<sup>3</sup> 8 hours. TWA: 50 ppm 8 hours. **Xylene** EU OEL (Europe, 1/2022). [xylene, mixed isomers pure] Absorbed through skin. Notes: list of indicative occupational exposure limit values TWA: 50 ppm 8 hours. TWA: 221 mg/m<sup>3</sup> 8 hours. STEL: 100 ppm 15 minutes. STEL: 442 mg/m<sup>3</sup> 15 minutes. Ethylbenzene EU OEL (Europe, 1/2022). Absorbed through skin. Notes: list of indicative occupational exposure limit values TWA: 100 ppm 8 hours. TWA: 442 mg/m<sup>3</sup> 8 hours. STEL: 200 ppm 15 minutes. STEL: 884 mg/m<sup>3</sup> 15 minutes. 2-butoxyethyl acetate EU OEL (Europe, 1/2022). Absorbed through skin. Notes: list of indicative occupational exposure limit values TWA: 20 ppm 8 hours. TWA: 133 mg/m<sup>3</sup> 8 hours. STEL: 50 ppm 15 minutes. STEL: 333 mg/m<sup>3</sup> 15 minutes. Methyl methacrylate EU OEL (Europe, 1/2022). Notes: list of indicative occupational exposure limit values TWA: 50 ppm 8 hours. STEL: 100 ppm 15 minutes. Institute of Occupational Health, Ministry of Social Affairs n-Butyl acetate (Finland, 10/2021). TWA: 150 ppm 8 hours. TWA: 720 mg/m<sup>3</sup> 8 hours. STEL: 200 ppm 15 minutes. STEL: 960 mg/m<sup>3</sup> 15 minutes. **Xylene** Institute of Occupational Health, Ministry of Social Affairs (Finland, 10/2021). [Xylenes] Absorbed through skin. STEL: 440 mg/m<sup>3</sup> 15 minutes. TWA: 220 mg/m<sup>3</sup> 8 hours. TWA: 50 ppm 8 hours. STEL: 100 ppm 15 minutes. Ethylbenzene Institute of Occupational Health, Ministry of Social Affairs (Finland, 10/2021). Absorbed through skin. TWA: 50 ppm 8 hours. TWA: 220 mg/m<sup>3</sup> 8 hours. STEL: 200 ppm 15 minutes. STEL: 880 mg/m<sup>3</sup> 15 minutes. Institute of Occupational Health, Ministry of Social Affairs 2-butoxyethyl acetate (Finland, 10/2021). Absorbed through skin. TWA: 20 ppm 8 hours. TWA: 130 mg/m<sup>3</sup> 8 hours. STEL: 50 ppm 15 minutes. STEL: 330 mg/m<sup>3</sup> 15 minutes. Methyl methacrylate Institute of Occupational Health, Ministry of Social Affairs (Finland, 10/2021). TWA: 10 ppm 8 hours. TWA: 42 mg/m<sup>3</sup> 8 hours. STEL: 50 ppm 15 minutes. STEL: 210 mg/m<sup>3</sup> 15 minutes. Date of issue/Date of revision Version :1 10/39 : 18/12/2023 : No previous validation

ALPOCRYL LE 5393-40 - All variants

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n-Butyl acetate		Ministry of Labor (France, 10/2022). Notes: Binding regulatory limit values (article R. 4412-149 of the Labor Code)
		TWA: 50 ppm 8 hours.
		TWA: 241 mg/m <sup>3</sup> 8 hours.
		STEL: 150 ppm 15 minutes.
		STEL: 723 mg/m <sup>3</sup> 15 minutes.
Xylene		Ministry of Labor (France, 10/2022). [xylenes, mixed isomers,
		pure] Absorbed through skin. Notes: Binding regulatory limit
		values (article R. 4412-149 of the Labor Code)
		STEL: 442 mg/m <sup>3</sup> 15 minutes.
		STEL: 100 ppm 15 minutes.
		TWA: 221 mg/m <sup>3</sup> 8 hours.
		TWA: 50 ppm 8 hours.
Ethylbenzene		Ministry of Labor (France, 10/2022). Absorbed through skin.
		Notes: Binding regulatory limit values (article R. 4412-149 of
		the Labor Code)
		TWA: 20 ppm 8 hours.
		TWA: 88.4 mg/m <sup>3</sup> 8 hours.
		STEL: 442 mg/m <sup>3</sup> 15 minutes.
		STEL: 100 ppm 15 minutes.
2-butoxyethyl acetate		Ministry of Labor (France, 10/2022). Absorbed through skin.
		Notes: Binding regulatory limit values (article R. 4412-149 of
		the Labor Code)
		STEL: 333 mg/m <sup>3</sup> 15 minutes.
		STEL: 50 ppm 15 minutes.
		TWA: 66.5 mg/m <sup>3</sup> 8 hours.
Mailla Lance (Lances Jack)		TWA: 10 ppm 8 hours.
Methyl methacrylate		Ministry of Labor (France, 10/2022). Notes: Binding regulatory
		limit values (article R. 4412-149 of the Labor Code)
		TWA: 50 ppm 8 hours.
		TWA: 205 mg/m <sup>3</sup> 8 hours.
		STEL: 100 ppm 15 minutes.
		STEL: 410 mg/m <sup>3</sup> 15 minutes.
n-Butyl acetate		DFG MAC-values list (Germany, 7/2022).
		TWA: 100 ppm 8 hours.
		PEAK: 200 ppm, 4 times per shift, 15 minutes.
		TWA: 480 mg/m <sup>3</sup> 8 hours.
		PEAK: 960 mg/m <sup>3</sup> , 4 times per shift, 15 minutes.
		TRGS 900 OEL (Germany, 6/2022).
		TWA: 300 mg/m <sup>3</sup> 8 hours.
		TWA: 62 ppm 8 hours.
		PEAK: 600 mg/m <sup>3</sup> 15 minutes.
		PEAK: 124 ppm 15 minutes.
Xylene		TRGS 900 OEL (Germany, 6/2022). [xylene] Absorbed through
		skin.
		TWA: 220 mg/m <sup>3</sup> 8 hours.
		PEAK: 440 mg/m <sup>3</sup> 15 minutes.
		TWA: 50 ppm 8 hours.
		PEAK: 100 ppm 15 minutes.
		DFG MAC-values list (Germany, 7/2022). [Xylene (all isomers)]
		Absorbed through skin.
		TWA: 50 ppm 8 hours.
		PEAK: 100 ppm, 4 times per shift, 15 minutes.
		TWA: 220 mg/m <sup>3</sup> 8 hours.
Ethylhonzara		PEAK: 440 mg/m <sup>3</sup> , 4 times per shift, 15 minutes.
Ethylbenzene		TRGS 900 OEL (Germany, 6/2022). Absorbed through skin.
		TWA: 88 mg/m <sup>3</sup> 8 hours.
		PEAK: 176 mg/m <sup>3</sup> 15 minutes.
		TWA: 20 ppm 8 hours.
		PEAK: 40 ppm 15 minutes.
		DFG MAC-values list (Germany, 7/2022). Absorbed through
		Skin. DEAK: 40 ppm 4 times per shift 15 minutes
		PEAK: 40 ppm, 4 times per shift, 15 minutes. PEAK: 176 mg/m³, 4 times per shift, 15 minutes.
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	TWA: 88 mg/m <sup>3</sup> 8 hours.
	TWA: 20 ppm 8 hours.
2-butoxyethyl acetate	TRGS 900 OEL (Germany, 6/2022). Absorbed through skin.
	TWA: 65 mg/m <sup>3</sup> 8 hours.
	PEAK: 130 mg/m <sup>3</sup> 15 minutes.
	TWA: 10 ppm 8 hours.
	PEAK: 20 ppm 15 minutes. DFG MAC-values list (Germany, 7/2022). Absorbed through
	skin.
	TWA: 10 ppm 8 hours.
	PEAK: 20 ppm, 4 times per shift, 15 minutes.
	TWA: 66 mg/m <sup>3</sup> 8 hours.
	PEAK: 132 mg/m³, 4 times per shift, 15 minutes.
lethyl methacrylate	TRGS 900 OEL (Germany, 6/2022).
	TWA: 210 mg/m <sup>3</sup> 8 hours.
	PEAK: 420 mg/m <sup>3</sup> 15 minutes.
	TWA: 50 ppm 8 hours.
	PEAK: 100 ppm 15 minutes.
	DFG MAC-values list (Germany, 7/2022). Skin sensitiser.
	TWA: 50 ml/m <sup>3</sup> 8 hours.
	PEAK: 100 ppm, 4 times per shift, 15 minutes.
	TWA: 210 mg/m <sup>3</sup> 8 hours.
	PEAK: 420 mg/m <sup>3</sup> , 4 times per shift, 15 minutes.
	PEAK: 100 ml/m <sup>3</sup> , 4 times per shift, 15 minutes.
-Butyl acetate	Presidential Decree 307/1986: Occupational exposure limit
-	values (Greece, 9/2021).
	TWA: 50 ppm 8 hours.
	TWA: 241 mg/m <sup>3</sup> 8 hours.
	STEL: 150 ppm 15 minutes.
	STEL: 723 mg/m <sup>3</sup> 15 minutes.
ylene	Presidential Decree 307/1986: Occupational exposure limit
	values (Greece, 9/2021). [Xylenes (all isomers)] Absorbed
	through skin.
	TWA: 100 ppm 8 hours.
	TWA: 435 mg/m³ 8 hours.
	STEL: 150 ppm 15 minutes.
	STEL: 650 mg/m <sup>3</sup> 15 minutes.
thylbenzene	Presidential Decree 307/1986: Occupational exposure limit
	values (Greece, 9/2021).
	TWA: 100 ppm 8 hours.
	TWA: 435 mg/m <sup>3</sup> 8 hours.
	STEL: 125 ppm 15 minutes.
	STEL: 545 mg/m <sup>3</sup> 15 minutes.
-butoxyethyl acetate	Presidential Decree 307/1986: Occupational exposure limit
	values (Greece, 9/2021).
	TWA: 20 ppm 8 hours.
	TWA: 135 mg/m <sup>3</sup> 8 hours.
	STEL: 40 ppm 15 minutes.
	STEL: 270 mg/m <sup>3</sup> 15 minutes.
ethyl methacrylate	Presidential Decree 307/1986: Occupational exposure limit
	values (Greece, 9/2021).
	STEL: 100 ppm 15 minutes. TWA: 50 ppm 8 hours.
Butyl acetate	5/2020. (II. 6.) ITM Decree (Hungary, 12/2022). Skin sensitise
	Inhalation sensitiser.
	TWA: 241 mg/m <sup>3</sup> 8 hours.
	PEAK: 723 mg/m <sup>3</sup> 15 minutes.
	PEAK: 150 ppm 15 minutes.
	TWA: 50 ppm 8 hours.
ylene	5/2020. (II. 6.) ITM Decree (Hungary, 12/2022). [xylene, mixtu
	of isomers] Absorbed through skin.
	TWA: 221 mg/m <sup>3</sup> 8 hours.
	PEAK: 442 mg/m <sup>3</sup> 15 minutes.
	PEAK: 100 ppm 15 minutes.

	TWA: 50 ppm 8 hours.
Ethylbenzene	5/2020. (II. 6.) ITM Decree (Hungary, 12/2022). Absorbed
	through skin. Skin sensitiser. Inhalation sensitiser.
	TWA: 442 mg/m <sup>3</sup> 8 hours.
	PEAK: 884 mg/m <sup>3</sup> 15 minutes.
	PEAK: 200 ppm 15 minutes.
	TWA: 100 ppm 8 hours.
2-butoxyethyl acetate	5/2020. (II. 6.) ITM Decree (Hungary, 12/2022). Absorbed
, , ,	through skin.
	TWA: 133 mg/m <sup>3</sup> 8 hours.
	PEAK: 333 mg/m <sup>3</sup> 15 minutes.
	PEAK: 50 ppm 15 minutes.
	TWA: 20 ppm 8 hours.
Methyl methacrylate	5/2020. (II. 6.) ITM Decree (Hungary, 12/2022). Absorbed
	through skin. Skin sensitiser. Inhalation sensitiser.
	TWA: 208 mg/m <sup>3</sup> 8 hours.
	PEAK: 415 mg/m <sup>3</sup> 15 minutes.
	PEAK: 100 ppm 15 minutes.
	TWA: 50 ppm 8 hours.
n Rutul apotato	••
n-Butyl acetate	Ministry of Welfare, List of Exposure Limits (Iceland, 5/2021).
	[butyl acetate, all isomers]
	TWA: 241 mg/m <sup>3</sup> 8 hours.
	TWA: 50 ppm 8 hours.
	STEL: 723 mg/m <sup>3</sup> 15 minutes.
	STEL: 150 ppm 15 minutes.
Xylene	Ministry of Welfare, List of Exposure Limits (Iceland, 5/2021).
	[xylene, all isomers] Absorbed through skin.
	STEL: 442 mg/m <sup>3</sup> 15 minutes.
	STEL: 100 ppm 15 minutes.
	TWA: 109 mg/m <sup>3</sup> 8 hours.
	TWA: 25 ppm 8 hours.
Ethylbenzene	Ministry of Welfare, List of Exposure Limits (Iceland, 5/2021).
	Absorbed through skin.
	STEL: 884 mg/m <sup>3</sup> 15 minutes.
	STEL: 200 ppm 15 minutes.
	TWA: 200 mg/m <sup>3</sup> 8 hours.
	TWA: 50 ppm 8 hours.
2-butoxyethyl acetate	Ministry of Welfare, List of Exposure Limits (Iceland, 5/2021).
	Absorbed through skin.
	STEL: 333 mg/m <sup>3</sup> 15 minutes.
	STEL: 50 ppm 15 minutes.
	TWA: 133 mg/m <sup>3</sup> 8 hours.
	TWA: 20 ppm 8 hours.
Methyl methacrylate	Ministry of Welfare, List of Exposure Limits (Iceland, 5/2021).
	Absorbed through skin. Skin sensitiser.
	STEL: 100 ppm 15 minutes.
	TWA: 50 ppm 8 hours.
n-Butyl acetate	NAOSH (Ireland, 5/2021). Notes: EU derived Occupational
II-Dutyl acetate	Exposure Limit Values
	OELV-8hr: 50 ppm 8 hours.
	OELV-8hr: 241 mg/m <sup>3</sup> 8 hours.
	OELV-15min: 150 ppm 15 minutes.
Xvlono	OELV-15min: 723 mg/m <sup>3</sup> 15 minutes.
Xylene	NAOSH (Ireland, 5/2021). [xylene mixed isomers] Absorbed
	through skin. Notes: EU derived Occupational Exposure Limit
	Values
	OELV-8hr: 50 ppm 8 hours.
	OELV-8hr: 221 mg/m <sup>3</sup> 8 hours.
	OELV-15min: 100 ppm 15 minutes.
	OELV-15min: 442 mg/m <sup>3</sup> 15 minutes.
Ethylbenzene	NAOSH (Ireland, 5/2021). Absorbed through skin. Notes: EU
	derived Occupational Exposure Limit Values
	OELV-8hr: 100 ppm 8 hours.
	OELV-8hr: 442 mg/m <sup>3</sup> 8 hours.
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	OELV-15min: 884 mg/m <sup>3</sup> 15 minutes.
2-butoxyethyl acetate	NAOSH (Ireland, 5/2021). Absorbed through skin. Notes: EL
	derived Occupational Exposure Limit Values
	OELV-8hr: 20 ppm 8 hours.
	OELV-8hr: 133 mg/m <sup>3</sup> 8 hours.
	OELV-15min: 50 ppm 15 minutes. OELV-15min: 333 mg/m <sup>3</sup> 15 minutes.
Methyl methacrylate	NAOSH (Ireland, 5/2021). Sensitization potential. Notes: EU
in any mound of yield	derived Occupational Exposure Limit Values
	OELV-8hr: 50 ppm 8 hours.
	OELV-15min: 100 ppm 15 minutes.
n-Butyl acetate	EU OEL (Europe, 1/2022). Notes: list of indicative
	occupational exposure limit values
	STEL: 150 ppm 15 minutes.
	STEL: 723 mg/m <sup>3</sup> 15 minutes. TWA: 241 mg/m <sup>3</sup> 8 hours.
	TWA: 50 ppm 8 hours.
(ylene	Legislative Decree No. 819/2008. Title IX. Protection from
	chemical agents, carcinogens and mutagens (Italy, 6/2020).
	[Xylenes, mixed isomers, pure] Absorbed through skin.
	8 hours: 50 ppm 8 hours.
	8 hours: 221 mg/m <sup>3</sup> 8 hours.
	Short Term: 100 ppm 15 minutes. Short Term: 442 mg/m³ 15 minutes.
Ethylbenzene	Legislative Decree No. 819/2008. Title IX. Protection from
	chemical agents, carcinogens and mutagens (Italy, 6/2020).
	Absorbed through skin.
	8 hours: 100 ppm 8 hours.
	8 hours: 442 mg/m <sup>3</sup> 8 hours.
	Short Term: 200 ppm 15 minutes.
	Short Term: 884 mg/m <sup>3</sup> 15 minutes.
2-butoxyethyl acetate	Legislative Decree No. 819/2008. Title IX. Protection from
	chemical agents, carcinogens and mutagens (Italy, 6/2020). Absorbed through skin.
	8 hours: 20 ppm 8 hours.
	8 hours: 133 mg/m <sup>3</sup> 8 hours.
	Short Term: 50 ppm 15 minutes.
	Short Term: 333 mg/m <sup>3</sup> 15 minutes.
Methyl methacrylate	Legislative Decree No. 819/2008. Title IX. Protection from
	chemical agents, carcinogens and mutagens (Italy, 6/2020).
	Short Term: 100 ppm 15 minutes.
	8 hours: 50 ppm 8 hours.
n-Butyl acetate	Ministers Cabinet Regulations Nr.325 - AER (Latvia, 2/2021).
	TWA: 241 mg/m <sup>3</sup> 8 hours. STEL: 150 ppm 15 minutes.
	STEL: 723 mg/m <sup>3</sup> 15 minutes.
	TWA: 50 ppm 8 hours.
	Ministers Cabinet Regulations Nr.325 - AER (Latvia, 2/2021).
Xylene	[Vylange] Absorbed through skin
Xylene	[Xylenes] Absorbed through skin.
Xylene	TWA: 221 mg/m <sup>3</sup> 8 hours.
Xylene	TWA: 221 mg/m³ 8 hours. TWA: 50 ppm 8 hours.
Xylene	TWA: 221 mg/m³ 8 hours. TWA: 50 ppm 8 hours. STEL: 100 ppm 15 minutes.
	TWA: 221 mg/m <sup>3</sup> 8 hours. TWA: 50 ppm 8 hours. STEL: 100 ppm 15 minutes. STEL: 442 mg/m <sup>3</sup> 15 minutes.
Xylene Ethylbenzene	TWA: 221 mg/m <sup>3</sup> 8 hours. TWA: 50 ppm 8 hours. STEL: 100 ppm 15 minutes. STEL: 442 mg/m <sup>3</sup> 15 minutes. Ministers Cabinet Regulations Nr.325 - AER (Latvia, 2/2021). Absorbed through skin.
	TWA: 221 mg/m <sup>3</sup> 8 hours. TWA: 50 ppm 8 hours. STEL: 100 ppm 15 minutes. STEL: 442 mg/m <sup>3</sup> 15 minutes. <b>Ministers Cabinet Regulations Nr.325 - AER (Latvia, 2/2021).</b> <b>Absorbed through skin.</b> TWA: 442 mg/m <sup>3</sup> 8 hours.
	TWA: 221 mg/m <sup>3</sup> 8 hours. TWA: 50 ppm 8 hours. STEL: 100 ppm 15 minutes. STEL: 442 mg/m <sup>3</sup> 15 minutes. <b>Ministers Cabinet Regulations Nr.325 - AER (Latvia, 2/2021).</b> <b>Absorbed through skin.</b> TWA: 442 mg/m <sup>3</sup> 8 hours. TWA: 100 ppm 8 hours.
	TWA: 221 mg/m <sup>3</sup> 8 hours. TWA: 50 ppm 8 hours. STEL: 100 ppm 15 minutes. STEL: 442 mg/m <sup>3</sup> 15 minutes. <b>Ministers Cabinet Regulations Nr.325 - AER (Latvia, 2/2021).</b> <b>Absorbed through skin.</b> TWA: 442 mg/m <sup>3</sup> 8 hours. TWA: 100 ppm 8 hours. STEL: 200 ppm 15 minutes.
Ethylbenzene	TWA: 221 mg/m <sup>3</sup> 8 hours. TWA: 50 ppm 8 hours. STEL: 100 ppm 15 minutes. STEL: 442 mg/m <sup>3</sup> 15 minutes. Ministers Cabinet Regulations Nr.325 - AER (Latvia, 2/2021). Absorbed through skin. TWA: 442 mg/m <sup>3</sup> 8 hours. TWA: 442 mg/m <sup>3</sup> 8 hours. STEL: 200 ppm 15 minutes. STEL: 884 mg/m <sup>3</sup> 15 minutes.
Ethylbenzene	TWA: 221 mg/m³ 8 hours.TWA: 50 ppm 8 hours.STEL: 100 ppm 15 minutes.STEL: 442 mg/m³ 15 minutes.Ministers Cabinet Regulations Nr.325 - AER (Latvia, 2/2021).Absorbed through skin.TWA: 442 mg/m³ 8 hours.TWA: 100 ppm 8 hours.STEL: 200 ppm 15 minutes.STEL: 884 mg/m³ 15 minutes.Ministers Cabinet Regulations Nr.325 - AER (Latvia, 2/2021).
	TWA: 221 mg/m <sup>3</sup> 8 hours. TWA: 50 ppm 8 hours. STEL: 100 ppm 15 minutes. STEL: 442 mg/m <sup>3</sup> 15 minutes. Ministers Cabinet Regulations Nr.325 - AER (Latvia, 2/2021). Absorbed through skin. TWA: 442 mg/m <sup>3</sup> 8 hours. TWA: 442 mg/m <sup>3</sup> 8 hours. STEL: 200 ppm 15 minutes. STEL: 884 mg/m <sup>3</sup> 15 minutes.

	TWA: 20 ppm 8 hours.
	STEL: 333 mg/m <sup>3</sup> 15 minutes.
Methyl methacrylate	Ministers Cabinet Regulations Nr.325 - AER (Latvia, 2/2021). TWA: 10 mg/m <sup>3</sup> 8 hours.
n-Butyl acetate	Lithuanian Hygiene Standard HN 23 (Lithuania, 7/2022). TWA: 241 mg/m <sup>3</sup> 8 hours.
	TWA: 50 ppm 8 hours.
	STEL: 723 mg/m <sup>3</sup> 15 minutes.
	STEL: 150 ppm 15 minutes.
Xylene	Lithuanian Hygiene Standard HN 23 (Lithuania, 7/2022).
	[xylene, mixed isomers, pure] Absorbed through skin. STEL: 442 mg/m <sup>3</sup> 15 minutes.
	TWA: 50 ppm 8 hours.
	STEL: 100 ppm 15 minutes.
	TWA: 221 mg/m <sup>3</sup> 8 hours.
Ethylbenzene	Lithuanian Hygiene Standard HN 23 (Lithuania, 7/2022).
	Absorbed through skin.
	TWA: 442 mg/m <sup>3</sup> 8 hours.
	TWA: 100 ppm 8 hours.
	STEL: 884 mg/m <sup>3</sup> 15 minutes.
	STEL: 200 ppm 15 minutes.
2-butoxyethyl acetate	Lithuanian Hygiene Standard HN 23 (Lithuania, 7/2022).
	Absorbed through skin.
	TWA: 70 mg/m <sup>3</sup> 8 hours. TWA: 10 ppm 8 hours.
	STEL: 140 mg/m <sup>3</sup> 15 minutes.
	STEL: 20 ppm 15 minutes.
Methyl methacrylate	Lithuanian Hygiene Standard HN 23 (Lithuania, 7/2022). Skin
	sensitiser. Inhalation sensitiser.
	TWA: 208 mg/m <sup>3</sup> 8 hours.
	TWA: 50 ppm 8 hours.
	STEL: 416 mg/m <sup>3</sup> 15 minutes.
	STEL: 100 ppm 15 minutes.
propylidynetrimethanol	Lithuanian Hygiene Standard HN 23 (Lithuania, 7/2022). CEIL: 5 ppm
n-Butyl acetate	Grand-Duchy Regulation 2016. Chemical agents. Annex I
	(Luxembourg, 3/2021).
	STEL: 150 ppm 15 minutes.
	STEL: 723 mg/m <sup>3</sup> 15 minutes. TWA: 50 ppm 8 hours.
	TWA: 241 mg/m <sup>3</sup> 8 hours.
Xylene	Grand-Duchy Regulation 2016. Chemical agents. Annex I
,	(Luxembourg, 3/2021). [xylenes, mixed isomers, pure]
	Absorbed through skin.
	TWA: 50 ppm 8 hours.
	TWA: 221 mg/m <sup>3</sup> 8 hours.
	STEL: 100 ppm 15 minutes.
Ethylbenzene	STEL: 442 mg/m <sup>3</sup> 15 minutes. Grand-Duchy Regulation 2016. Chemical agents. Annex I
Euryidenzene	(Luxembourg, 3/2021). Absorbed through skin.
	TWA: 100 ppm 8 hours.
	TWA: 442 mg/m <sup>3</sup> 8 hours.
	STEL: 200 ppm 15 minutes.
	STEL: 884 mg/m <sup>3</sup> 15 minutes.
2-butoxyethyl acetate	Grand-Duchy Regulation 2016. Chemical agents. Annex I
	(Luxembourg, 3/2021). Absorbed through skin.
	TWA: 20 ppm 8 hours.
	TWA: 133 mg/m <sup>3</sup> 8 hours.
	STEL: 50 ppm 15 minutes.
Methyl methacrylate	STEL: 333 mg/m <sup>3</sup> 15 minutes. Grand-Duchy Regulation 2016. Chemical agents. Annex I
	(Luxembourg, 3/2021).
	STEL: 100 ppm 15 minutes.
	TWA: 50 ppm 8 hours.

n-Butyl acetate	EU OEL (Europe, 1/2022). Notes: list of indicative
	occupational exposure limit values
	STEL: 150 ppm 15 minutes.
	STEL: 723 mg/m <sup>3</sup> 15 minutes.
	TWA: 241 mg/m <sup>3</sup> 8 hours.
	TWA: 50 ppm 8 hours.
Xylene	EU OEL (Europe, 1/2022). [xylene, mixed isomers pure]
	Absorbed through skin. Notes: list of indicative occupational
	exposure limit values
	TWA: 50 ppm 8 hours.
	TWA: 221 mg/m <sup>3</sup> 8 hours.
	STEL: 100 ppm 15 minutes.
	STEL: 442 mg/m <sup>3</sup> 15 minutes.
Ethylbenzene	EU OEL (Europe, 1/2022). Absorbed through skin. Notes: list
	of indicative occupational exposure limit values
	TWA: 100 ppm 8 hours.
	TWA: 442 mg/m <sup>3</sup> 8 hours.
	STEL: 200 ppm 15 minutes.
	STEL: 884 mg/m <sup>3</sup> 15 minutes.
2-butoxyethyl acetate	EU OEL (Europe, 1/2022). Absorbed through skin. Notes: list
	of indicative occupational exposure limit values
	TWA: 20 ppm 8 hours.
	TWA: 133 mg/m <sup>3</sup> 8 hours.
	STEL: 50 ppm 15 minutes.
	STEL: 333 mg/m <sup>3</sup> 15 minutes.
Methyl methacrylate	EU OEL (Europe, 1/2022). Notes: list of indicative
	occupational exposure limit values
	TWA: 50 ppm 8 hours.
	STEL: 100 ppm 15 minutes.
n-Butyl acetate	Ministry of Social Affairs and Employment, Legal limit values
	(Netherlands, 12/2022).
	OEL, 8-h TWA: 241 mg/m <sup>3</sup> 8 hours.
	STEL, 15-min: 723 mg/m <sup>3</sup> 15 minutes.
	STEL,15-min: 150 ppm 15 minutes.
	OEL, 8-h TWA: 50 ppm 8 hours.
Xylene	Ministry of Social Affairs and Employment, Legal limit values
- All and a second se	(Netherlands, 12/2022). [xylenes (all isomers)] Absorbed
	through skin.
	OEL, 8-h TWA: 210 mg/m <sup>3</sup> 8 hours.
	STEL, 15-min: $442 \text{ mg/m}^3$ 15 minutes.
	STEL,15-min: 100 ppm 15 minutes.
	OEL, 8-h TWA: 47.5 ppm 8 hours.
Ethylhanzana	
Ethylbenzene	Ministry of Social Affairs and Employment, Legal limit values
	(Netherlands, 12/2022). Absorbed through skin.
	OEL, 8-h TWA: 215 mg/m <sup>3</sup> 8 hours.
	STEL,15-min: 430 mg/m <sup>3</sup> 15 minutes.
	STEL,15-min: 97.3 ppm 15 minutes.
	OEL, 8-h TWA: 48.6 ppm 8 hours.
2-butoxyethyl acetate	Ministry of Social Affairs and Employment, Legal limit values
	(Netherlands, 12/2022). Absorbed through skin.
	OEL, 8-h TWA: 135 mg/m <sup>3</sup> 8 hours.
	STEL,15-min: 333 mg/m <sup>3</sup> 15 minutes.
	OEL, 8-h TWA: 20.3 ppm 8 hours.
	STEL,15-min: 50 ppm 15 minutes.
Methyl methacrylate	Ministry of Social Affairs and Employment, Legal limit values
	(Netherlands, 12/2022).
	OEL, 8-h TWA: 205 mg/m <sup>3</sup> 8 hours.
	STEL,15-min: 410 mg/m <sup>3</sup> 15 minutes.
	STEL,15-min: 100 ppm 15 minutes.
	OEL, 8-h TWA: 50 ppm 8 hours.
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SECTION 8: Exposure	controls/	personal protect	tion	
n-Butyl acetate		FOR-2011-12-06-13	58 (Norway, 12/2022).	
		STEL: 723 mg/m <sup>3</sup> 1	15 minutes.	
		STEL: 150 ppm 15		
			58 (Norway, 12/2022). N	lotes: indicative
		limit value		
		TWA: 241 mg/m <sup>3</sup> 8		
Yudana.		TWA: 50 ppm 8 ho		(vlana all is smars]
Xylene			58 (Norway, 12/2022). [> skin. Notes: indicative	-
		TWA: 25 ppm 8 ho		
		TWA: 20 ppin 0 no TWA: 108 mg/m <sup>3</sup> 8		
Ethylbenzene			58 (Norway, 12/2022). A	bsorbed through
			Notes: indicative limit v	-
		TWA: 5 ppm 8 hou		
		TWA: 20 mg/m <sup>3</sup> 8 h	nours.	
2-butoxyethyl acetate			58 (Norway, 12/2022). A	bsorbed through
		skin. Notes: indica		
		TWA: 10 ppm 8 ho		
		TWA: 65 mg/m <sup>3</sup> 8 h		
Methyl methacrylate			58 (Norway, 12/2022). S	kin sensitiser.
		Notes: indicative li		
		TWA: 25 ppm 8 ho TWA: 100 mg/m <sup>3</sup> 8		
		5	58 (Norway, 12/2022). S	kin sonsitisor
		STEL: 400 mg/m <sup>3</sup> 1		KIII SEIISILISEI.
		STEL: 100 ppm 15		
n-Butyl acetate			linister of Family, Labo	r and Social Policy
			1, regarding the highest	
			values of agents harm	
			(Journal of Laws 2021,	
		2/2021).	(,	,
		TWA: 240 mg/m <sup>3</sup> 8	hours.	
		STEL: 720 mg/m <sup>3</sup> 1		
Xylene		Regulation of the M	linister of Family, Labo	r and Social Policy
			1, regarding the highest	
			I values of agents harm	
			(Journal of Laws 2021,	
		,	nixed isomers (1,2-, 1,3-	, 1,4-)] Absorbed
		through skin.		
		TWA: 100 mg/m <sup>3</sup> 8		
Ethylbenzene		STEL: 200 mg/m <sup>3</sup> 1	linister of Family, Labo	r and Social Policy
Eurybenzene		-	1, regarding the highest	
			values of agents harm	
			(Journal of Laws 2021,	
		2/2021). Absorbed t	•	
		TWA: 200 mg/m <sup>3</sup> 8		
		STEL: 400 mg/m <sup>3</sup> 1		
2-butoxyethyl acetate			linister of Family, Labo	r and Social Policy
			1, regarding the highest	
		concentrations and	l values of agents harm	ful to health in the
			(Journal of Laws 2021,	item 325) (Poland,
		2/2021). Absorbed t		
		TWA: 100 mg/m <sup>3</sup> 8		
		STEL: 300 mg/m <sup>3</sup> 1		
Methyl methacrylate			linister of Family, Labo	
			1, regarding the highest	
			l values of agents harm	
		2/2021).	(Journal of Laws 2021,	reni 323) (Fuldilu,
		TWA: 100 mg/m <sup>3</sup> 8	hours	
		STEL: 300 mg/m <sup>3</sup> 1		
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n-Butyl acetate	Portuguese Institute of Quality (Portugal, 11/2014).
	TWA: 150 ppm 8 hours.
Xylene	STEL: 200 ppm 15 minutes. Portuguese Institute of Quality (Portugal, 11/2014). [Xylene]
Xylene	TWA: 100 ppm 8 hours.
	STEL: 150 ppm 15 minutes.
Ethylbenzene	Portuguese Institute of Quality (Portugal, 11/2014).
	TWA: 20 ppm 8 hours.
2-butoxyethyl acetate	Portuguese Institute of Quality (Portugal, 11/2014).
	TWA: 20 ppm 8 hours.
Methyl methacrylate	Portuguese Institute of Quality (Portugal, 11/2014). Skin
	sensitiser. TWA: 50 ppm 8 hours.
	STEL: 100 ppm 15 minutes.
n-Butyl acetate	
	HG 1218/2006, Annex 1, with subsequent modifications and additions (Romania, 3/2021).
	VLA: 241 mg/m <sup>3</sup> 8 hours.
	VLA: 50 ppm 8 hours.
	Short term: 723 mg/m <sup>3</sup> 15 minutes.
	Short term: 150 ppm 15 minutes.
Kylene	HG 1218/2006, Annex 1, with subsequent modifications and
	additions (Romania, 3/2021). [Xylene] Absorbed through ski
	VLA: 221 mg/m <sup>3</sup> 8 hours.
	VLA: 50 ppm 8 hours.
	Short term: 442 mg/m <sup>3</sup> 15 minutes.
Ethylbenzene	Short term: 100 ppm 15 minutes. HG 1218/2006, Annex 1, with subsequent modifications and
	additions (Romania, 3/2021). Absorbed through skin.
	VLA: 442 mg/m <sup>3</sup> 8 hours.
	VLA: 100 ppm 8 hours.
	Short term: 884 mg/m <sup>3</sup> 15 minutes.
	Short term: 200 ppm 15 minutes.
2-butoxyethyl acetate	HG 1218/2006, Annex 1, with subsequent modifications and
	additions (Romania, 3/2021). Absorbed through skin.
	VLA: 133 mg/m <sup>3</sup> 8 hours.
	VLA: 20 ppm 8 hours.
	Short term: 333 mg/m <sup>3</sup> 15 minutes.
Mathud matheogradate	Short term: 50 ppm 15 minutes.
Methyl methacrylate	HG 1218/2006, Annex 1, with subsequent modifications and additions (Romania, 3/2021).
	VLA: $205 \text{ mg/m}^3 8 \text{ hours.}$
	Short term: 410 mg/m <sup>3</sup> 15 minutes.
	VLA: 50 ppm 8 hours.
	Short term: 100 ppm 15 minutes.
n-Butyl acetate	Government regulation SR c. 355/2006 (Slovakia, 9/2020).
	[Butyl acetates]
	TWA: 241 mg/m³, (Butyl acetates) 8 hours.
	TWA: 50 ppm, (Butyl acetates) 8 hours.
	STEL: 723 mg/m³, (Butyl acetates) 15 minutes.
	STEL: 150 ppm, (Butyl acetates) 15 minutes.
Xylene	Government regulation SR c. 355/2006 (Slovakia, 9/2020).
	[xylene, mixed isomers] Absorbed through skin.
	TWA: 221 mg/m <sup>3</sup> , (xylene, mixed isomers) 8 hours.
	TWA: 50 ppm, (xylene, mixed isomers) 8 hours. STEL: 442 mg/m³, (xylene, mixed isomers) 15 minutes.
	STEL: 442 mg/m , (xylene, mixed isomers) 15 minutes.
Ethylbenzene	Government regulation SR c. 355/2006 (Slovakia, 9/2020).
	Absorbed through skin.
	TWA: 442 mg/m <sup>3</sup> 8 hours.
	TWA: 100 ppm 8 hours.
	STEL: 884 mg/m <sup>3</sup> 15 minutes.
	STEL: 200 ppm 15 minutes.
2-butoxyethyl acetate	Government regulation SR c. 355/2006 (Slovakia, 9/2020).
	Absorbed through skin.

#### SECTION 8: Exposure controls/personal protection TWA: 133 mg/m<sup>3</sup> 8 hours. TWA: 20 ppm 8 hours. STEL: 333 mg/m<sup>3</sup> 15 minutes. STEL: 50 ppm 15 minutes. Government regulation SR c. 355/2006 (Slovakia, 9/2020). Skin Methyl methacrylate sensitiser. STEL: 100 ppm 15 minutes. TWA: 50 ppm 8 hours. n-Butyl acetate Regulation on protection of workers from the risks related to exposure to chemical substances at work (Slovenia, 5/2021). TWA: 241 mg/m<sup>3</sup> 8 hours. TWA: 50 ppm 8 hours. KTV: 723 mg/m<sup>3</sup>, 4 times per shift, 15 minutes. KTV: 150 ppm, 4 times per shift, 15 minutes. **Xylene** Regulation on protection of workers from the risks related to exposure to chemical substances at work (Slovenia, 5/2021). [xylene (mixture of isomers)] Absorbed through skin. TWA: 221 mg/m<sup>3</sup> 8 hours. TWA: 50 ppm 8 hours. KTV: 442 mg/m<sup>3</sup>, 4 times per shift, 15 minutes. KTV: 100 ppm, 4 times per shift, 15 minutes. Ethylbenzene Regulation on protection of workers from the risks related to exposure to chemical substances at work (Slovenia, 5/2021). Absorbed through skin. TWA: 442 mg/m<sup>3</sup> 8 hours. TWA: 100 ppm 8 hours. KTV: 884 mg/m<sup>3</sup>, 4 times per shift, 15 minutes. KTV: 200 ppm, 4 times per shift, 15 minutes. 2-butoxyethyl acetate Regulation on protection of workers from the risks related to exposure to chemical substances at work (Slovenia, 5/2021). Absorbed through skin. TWA: 133 mg/m<sup>3</sup> 8 hours. TWA: 20 ppm 8 hours. KTV: 333 mg/m<sup>3</sup>, 4 times per shift, 15 minutes. KTV: 50 ppm, 4 times per shift, 15 minutes. Methyl methacrylate Regulation on protection of workers from the risks related to exposure to chemical substances at work (Slovenia, 5/2021). TWA: 210 mg/m<sup>3</sup> 8 hours. TWA: 50 ppm 8 hours. KTV: 420 mg/m<sup>3</sup>, 4 times per shift, 15 minutes. KTV: 100 ppm, 4 times per shift, 15 minutes. National institute of occupational safety and health (Spain, n-Butyl acetate 4/2022). TWA: 50 ppm 8 hours. TWA: 241 mg/m<sup>3</sup> 8 hours. STEL: 150 ppm 15 minutes. STEL: 723 mg/m3 15 minutes. **Xylene** National institute of occupational safety and health (Spain, 4/2022). [Xylene, mixture of isomers] Absorbed through skin. TWA: 50 ppm 8 hours. TWA: 221 mg/m<sup>3</sup> 8 hours. STEL: 100 ppm 15 minutes. STEL: 442 mg/m<sup>3</sup> 15 minutes. National institute of occupational safety and health (Spain, Ethylbenzene 4/2022). Absorbed through skin. TWA: 100 ppm 8 hours. TWA: 441 mg/m<sup>3</sup> 8 hours. STEL: 200 ppm 15 minutes. STEL: 884 mg/m<sup>3</sup> 15 minutes. National institute of occupational safety and health (Spain, 2-butoxyethyl acetate 4/2022). Absorbed through skin. TWA: 20 ppm 8 hours. TWA: 133 mg/m<sup>3</sup> 8 hours. STEL: 50 ppm 15 minutes.

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#### SECTION 8: Exposure controls/personal protection STEL: 333 mg/m<sup>3</sup> 15 minutes. Methyl methacrylate National institute of occupational safety and health (Spain, 4/2022). Skin sensitiser. TWA: 50 ppm 8 hours. STEL: 100 ppm 15 minutes. Work environment authority Regulation 2018:1 (Sweden, n-Butyl acetate 9/2021). [butyl acetate] TWA: 50 ppm 8 hours. TWA: 241 mg/m<sup>3</sup> 8 hours. STEL: 150 ppm 15 minutes. STEL: 723 mg/m<sup>3</sup> 15 minutes. **Xylene** Work environment authority Regulation 2018:1 (Sweden, 9/2021). [xylene] Absorbed through skin. TWA: 50 ppm 8 hours. TWA: 221 mg/m<sup>3</sup> 8 hours. STEL: 100 ppm 15 minutes. STEL: 442 mg/m<sup>3</sup> 15 minutes. Work environment authority Regulation 2018:1 (Sweden, Ethylbenzene 9/2021). Absorbed through skin. TWA: 50 ppm 8 hours. TWA: 220 mg/m<sup>3</sup> 8 hours. STEL: 200 ppm 15 minutes. STEL: 884 mg/m<sup>3</sup> 15 minutes. 2-butoxyethyl acetate Work environment authority Regulation 2018:1 (Sweden, 9/2021). Absorbed through skin. TWA: 10 ppm 8 hours. TWA: 70 mg/m<sup>3</sup> 8 hours. STEL: 50 ppm 15 minutes. STEL: 333 mg/m<sup>3</sup> 15 minutes. Methyl methacrylate Work environment authority Regulation 2018:1 (Sweden, 9/2021). Skin sensitiser. TWA: 50 ppm 8 hours. TWA: 200 mg/m<sup>3</sup> 8 hours. STEL: 100 ppm 15 minutes. STEL: 400 mg/m<sup>3</sup> 15 minutes. propylidynetrimethanol Work environment authority Regulation 2018:1 (Sweden, 9/2021). TWA: 5 mg/m<sup>3</sup> 8 hours. n-Butyl acetate SUVA (Switzerland, 1/2023). TWA: 50 ppm 8 hours. TWA: 240 mg/m<sup>3</sup> 8 hours.

**Xylene** 

Ethylbenzene

2-butoxyethyl acetate

Methyl methacrylate

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through skin.

TWA: 210 mg/m<sup>3</sup> 8 hours.

TWA: 50 ppm 8 hours.

STEL: 150 ppm 15 minutes. STEL: 720 mg/m<sup>3</sup> 15 minutes.

TWA: 50 ppm 8 hours. TWA: 220 mg/m<sup>3</sup> 8 hours. STEL: 100 ppm 15 minutes. STEL: 440 mg/m<sup>3</sup> 15 minutes.

TWA: 50 ppm 8 hours. TWA: 220 mg/m<sup>3</sup> 8 hours. STEL: 50 ppm 15 minutes. STEL: 220 mg/m3 15 minutes.

SUVA (Switzerland, 1/2023). [Xylenes (all isomers)] Absorbed

SUVA (Switzerland, 1/2023). Absorbed through skin.

SUVA (Switzerland, 1/2023). Absorbed through skin.

TWA: 10 ppm 8 hours. Form: vapour and aerosols TWA: 66 mg/m<sup>3</sup> 8 hours. Form: vapour and aerosols STEL: 20 ppm 15 minutes. Form: vapour and aerosols STEL: 132 mg/m<sup>3</sup> 15 minutes. Form: vapour and aerosols

SUVA (Switzerland, 1/2023). Skin sensitiser.

STEL: 100 ppm 15 minutes.

STEL: 420 mg/m<sup>3</sup> 15 minutes.

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n-Butyl acetate	EH40/2005 WELs (United Kingdom (UK), 1/2020).
, ,	STEL: 966 mg/m <sup>3</sup> 15 minutes.
	STEL: 200 ppm 15 minutes.
	TWA: 724 mg/m <sup>3</sup> 8 hours.
	TWA: 150 ppm 8 hours.
Xylene	EH40/2005 WELs (United Kingdom (UK), 1/2020). [xylene, o-,m
	p- or mixed isomers] Absorbed through skin.
	STEL: 441 mg/m <sup>3</sup> 15 minutes.
	TWA: 50 ppm 8 hours.
	TWA: 220 mg/m <sup>3</sup> 8 hours.
	STEL: 100 ppm 15 minutes.
Ethylbenzene	EH40/2005 WELs (United Kingdom (UK), 1/2020). Absorbed
-	through skin.
	STEL: 552 mg/m <sup>3</sup> 15 minutes.
	STEL: 125 ppm 15 minutes.
	TWA: 100 ppm 8 hours.
	TWA: 441 mg/m <sup>3</sup> 8 hours.
2-butoxyethyl acetate	EH40/2005 WELs (United Kingdom (UK), 1/2020). Absorbed
	through skin.
	TWA: 20 ppm 8 hours.
	STEL: 50 ppm 15 minutes.
	STEL: 332 mg/m <sup>3</sup> 15 minutes.
	TWA: 133 mg/m <sup>3</sup> 8 hours.
Methyl methacrylate	EH40/2005 WELs (United Kingdom (UK), 1/2020).
	STEL: 416 mg/m <sup>3</sup> 15 minutes.
	STEL: 100 ppm 15 minutes.
	TWA: 208 mg/m <sup>3</sup> 8 hours.
	TWA: 50 ppm 8 hours.
2-Methoxy-1-methylethyl acetate	EH40/2005 WELs (United Kingdom (UK), 1/2020). Absorbed
	through skin.
	STEL: 548 mg/m <sup>3</sup> 15 minutes.
	TWA: 50 ppm 8 hours.
	TWA: 274 mg/m <sup>3</sup> 8 hours.
	STEL: 100 ppm 15 minutes.
Toluene	EH40/2005 WELs (United Kingdom (UK), 1/2020). Absorbed
	through skin.
	STEL: 384 mg/m <sup>3</sup> 15 minutes.
	TWA: 191 mg/m <sup>3</sup> 8 hours.
	TWA: 50 ppm 8 hours.
	STEL: 100 ppm 15 minutes.
Phosphoric acid, solution	EH40/2005 WELs (United Kingdom (UK), 1/2020).
	STEL: 2 mg/m <sup>3</sup> 15 minutes.
	TWA: 1 mg/m <sup>3</sup> 8 hours.
Formaldehyde	EH40/2005 WELs (United Kingdom (UK), 1/2020).
,	STEL: 2.5 mg/m <sup>3</sup> 15 minutes.
	STEL: 2 ppm 15 minutes.
	TWA: 2 ppm 8 hours.
	TWA: 2.5 mg/m <sup>3</sup> 8 hours.
ethyl acrylate	EH40/2005 WELs (United Kingdom (UK), 1/2020).
, ,	STEL: 42 mg/m <sup>3</sup> 15 minutes.
	STEL: 10 ppm 15 minutes.
	TWA: 5 ppm 8 hours.
	TWA: 21 mg/m <sup>3</sup> 8 hours.

#### **Biological exposure indices**

Product/ingredient name		Exposure indices				
Xylene	VGU BEI (Austria, 9/2020) [xylenes] BEI Fitness: 1000 μg/l, xylene [in blood]. Sampling time: one year. BEI Fitness: 1.5 g/l, methylhippuricacid [in urine]. Sampling time: one year.					
No exposure indices known.						
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•	controls/personal protection
Ethylbenzene	Ministry of Labour and Social Policy and the Ministry of Health - Ordinance No 13/2003. (Bulgaria, 6/2021) Notes: significant skin resorption possible BLV: 2000 mg/g creatinine, mandelic acid and phenylglyoxylic acid – in total [in urine]. Sampling time: after the end of the exposure or the end of the work shift.
Xylene	<ul> <li>Ministry of Economy, Labour and Entrepreneurship ILV/STEL (Croatia, 10/2018) [xylene]</li> <li>BEI: 1.5 mg/l, xylene [in blood]. Sampling time: at the end of the work shift.</li> <li>BEI: 14.13 µmol/l, xylene [in blood]. Sampling time: at the end of the work shift.</li> <li>BEI: 0.88 mol/mol creatinine, methylhippuric acid [in urine].</li> <li>Sampling time: at the end of the work shift.</li> <li>BEI: 1.5 g/g creatinine, methylhippuric acid [in urine]. Sampling time: at the end of the work shift.</li> </ul>
Ethylbenzene	<ul> <li>Ministry of Economy, Labour and Entrepreneurship ILV/STEL (Croatia, 10/2018)</li> <li>BEI: 1.5 mg/l, ethylbenzene [in blood]. Sampling time: during exposure.</li> <li>BEI: 14.1 µmol/l, ethylbenzene [in blood]. Sampling time: during exposure.</li> <li>BEI: 1.12 mol/mol creatinine, almond acid [in urine]. Sampling time: at the end of the work shift and at the end of the working week.</li> <li>BEI: 1.5 g/g creatinine, almond acid [in urine]. Sampling time: at the end of the work shift and at the end of the working week.</li> </ul>
No exposure indices known.	
Xylene	Government regulation of Czech Republic Limit Values of Biological Exposure Tests (Czech Republic, 9/2015) [Xylene] Biological limit values: 820 µmol/mmol creatinine, methylhippuric acid [in urine]. Sampling time: end of the shift. Biological limit values: 1400 mg/g creatinine, methylhippuric acid [in urine]. Sampling time: end of the shift.
Ethylbenzene	Government regulation of Czech Republic Limit Values of Biological Exposure Tests (Czech Republic, 9/2015) Biological limit values: 1100 µmol/mmol creatinine, almond acid [in urine]. Sampling time: end of the shift. Biological limit values: 1500 mg/g creatinine, almond acid [in urine]. Sampling time: end of the shift.
2-butoxyethyl acetate	Government regulation of Czech Republic Limit Values of Biological Exposure Tests (Czech Republic, 9/2015) Biological limit values: 0.17 mmol/mmol creatinine, butoxyacetic acid (after hydrolysis) [in urine]. Sampling time: the end of the shift at the end of the week. Biological limit values: 200 mg/g creatinine, butoxyacetic acid (after hydrolysis) [in urine]. Sampling time: the end of the shift at the end of the week.
No exposure indices known.	
No exposure indices known.	
No exposure indices known.	
Xylene	Institute of Occupational Health, Ministry of Social Affairs (Finland, 9/2020) [Xylene] BEI: 5 mmol/l, methylhippuricacid [in urine]. Sampling time: at the end of the work shift.
Ethylbenzene	Institute of Occupational Health, Ministry of Social Affairs (Finland, 9/2020)
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No ovnoguro indiago krawn	work shift at the end of the working week or exposure period.
No exposure indices known.	
Xylene	<ul> <li>DFG BEI-values list (Germany, 7/2022) [Xylene (all isomers)]</li> <li>Notes: danger from percutaneous absorption (see p. 211 and p. 228).</li> <li>BEI: 2000 mg/l, methylhippuric acid (toluric acid) (all isomers) [in urine]. Sampling time: end of exposure or end of shift.</li> <li>TRGS 903 - BEI Values (Germany, 2/2022) [Xylene (all isomers) BEI: 2000 mg/l, methylhippuric acid [in urine]. Sampling time: end of exposure or end of shift.</li> </ul>
Ethylbenzene	<ul> <li>DFG BEI-values list (Germany, 7/2022) Notes: danger from percutaneous absorption (see p. 211 and p. 228).</li> <li>BEI: 250 mg/g creatinine, mandelic acid plus phenyl glyoxylic acid [in urine]. Sampling time: end of exposure or end of shift.</li> <li>TRGS 903 - BEI Values (Germany, 2/2022)</li> <li>BEI: 250 mg/g creatinine, mandelic acid plus phenylglyoxylic acid [in urine]. Sampling time: end of exposure or end of shift.</li> </ul>
2-butoxyethyl acetate	<ul> <li>DFG BEI-values list (Germany, 7/2022) Notes: danger from percutaneous absorption (see p. 211 and p. 228).</li> <li>BEI: 150 mg/g creatinine, butoxyacetic acid (after hydrolysis) [in urine]. Sampling time: end of exposure or end of shift / for long-term exposures: at the end of the shift after several shifts.</li> <li>TRGS 903 - BEI Values (Germany, 2/2022)</li> <li>BEI: 150 mg/g, butoxy acetic acid (after hydrolysis) [in urine].</li> <li>Sampling time: end of exposure or end of shift; for long-term exposures: at the end of shift after several shifts.</li> </ul>
No exposure indices known.	
Xylene	<b>5/2020. (II. 6.) ITM Decree (Hungary, 12/2022) [xylene]</b> BEI: 1500 mg/g creatinine, methylhippuric acid [in urine]. Sampling time: at the end of the shift. BEI: 860 μmol/mmol creatinine, methylhippuric acid [in urine]. Sampling time: at the end of the shift.
Ethylbenzene	<b>5/2020. (II. 6.) ITM Decree (Hungary, 12/2022)</b> BEI: 1500 mg/g creatinine, mandelic acid [in urine]. Sampling tim at the end of the working week; at the end of the shift. BEI: 1110 μmol/mmol creatinine, mandelic acid [in urine]. Sampling time: at the end of the working week; at the end of the shift.
No exposure indices known.	
Xylene	NAOSH (Ireland, 1/2011) [Xylene] BMGV: 1.5 g/g creatinine, methylhippuric acids [in urine]. Sampling time: end of shift - As soon as possible after exposure ceases.
Ethylbenzene	<ul> <li>NAOSH (Ireland, 1/2011)</li> <li>BMGV: Semi-quantitative, the biological analyte is an indicator of exposure to the substance but the quantitative interpretation of the measurement is ambiguous. These analytes should be used as a screening test if a quantitative test is not practical; or as a confirmatory test if the quantitative test is not specific and the origi of the determinant is in question., ethylbenzene [in endexhaled air] Sampling time: not critical.</li> <li>BMGV: 0.7 g/g creatinine [Semi-quantitative, the biological analyte is an indicator of exposure to the substance but the quantitative interpretation of the measurement is ambiguous. These analytes should be used as a screening test if a quantitative interpretation of the measurement is ambiguous. These analytes should be used as a screening test if a quantitative test is not practical; or as a confirmatory test if the quantitative test is not specific and the origin of the determinant is in question.],</li> </ul>

<b>SECTION 8:</b>	Exposure	controls/personal	protection
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SECTION 8: Exposure c	ontrois/personal protection
	mandelic acid and phenylglyoxylic acid [in urine]. Sampling time: end of shift at end of workweek.
No exposure indices known.	
Xylene	<b>Portuguese Institute of Quality (Portugal, 11/2014) [Xylenes]</b> BEI: 1.5 g/g creatinine, (o, m, p) -methyl-boronic acids [in urine]. Sampling time: end of shift.
Ethylbenzene	<b>Portuguese Institute of Quality (Portugal, 11/2014)</b> BEI: 0.7 g/g creatinine, sum of mandelic acid and phenylglyoxylic acid [in urine]. Sampling time: end of shift.
Xylene	HG 1218/2006, Annex 2, with subsequent modifications and additions (Romania, 3/2020) [Xylene] OBLV: 3 g/l, methylhippuric acid [in urine]. Sampling time: end of shift.
Ethylbenzene	HG 1218/2006, Annex 2, with subsequent modifications and additions (Romania, 3/2020) OBLV: 1.5 g/g creatinine, mandelic acid [in urine]. Sampling time: end of the week.
Xylene	Government regulation SR c. 355/2006 (Slovakia, 9/2020) [xylene, all isomers] BLV: 781 μmol/mmol creatinine, sum of 2,3,4-methylhippuroic acids [in urine]. Sampling time: at the end of exposure or work shift. BLV: 1334 mg/g creatinine, sum of 2,3,4-methylhippuroic acids [in urine]. Sampling time: at the end of exposure or work shift. BLV: 10355 μmol/l, sum of 2,3,4-methylhippuroic acids [in urine]. Sampling time: at the end of exposure or work shift. BLV: 14.6 μmol/l, xylene [in blood]. Sampling time: at the end of exposure or work shift. BLV: 2000 mg/l, sum of 2,3,4-methylhippuroic acids [in urine]. Sampling time: at the end of exposure or work shift. BLV: 1000 mg/l, sum of 2,3,4-methylhippuroic acids [in urine]. Sampling time: at the end of exposure or work shift. BLV: 1000 mg/l, sum of 2,3,4-methylhippuroic acids [in urine].
Ethylbenzene	Government regulation SR c. 355/2006 (Slovakia, 9/2020) BLV: 799 μmol/mmol creatinine, mandelic acid and phenylglyoxylic acid [in urine]. Sampling time: at the end of exposure or work shift; long-term exposure: after several work shifts. BLV: 7.44 μmol/mmol creatinine, 2 or 4-etylfenol [in urine]. Sampling time: at the end of exposure or work shift; long-term exposure: after several work shifts. BLV: 1067 mg/g creatinine, mandelic acid and phenylglyoxylic acid [in urine]. Sampling time: at the end of exposure or work shift; long-term exposure: after several work shifts. BLV: 8.03 mg/g creatinine, 2 or 4-etylfenol [in urine]. Sampling time: at the end of exposure or work shift; BLV: 8.03 mg/g creatinine, 2 or 4-etylfenol [in urine]. Sampling time: at the end of exposure or work shift; long-term exposure: after several work shifts. BLV: 10590 μmol/l, mandelic acid and phenylglyoxylic acid [in urine]. Sampling time: at the end of exposure or work shift; long- term exposure: after several work shifts. BLV: 10590 μmol/l, 2 or 4-etylfenol [in urine]. Sampling time: at the exposure: after several work shifts.
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	-					
			work shifts. BLV: 1600 mg/l, mar Sampling time: at the exposure: after sever BLV: 12 mg/l, 2 or 4-	ork shift; long-term expo ndelic acid and phenylg end of exposure or wor al work shifts. -etylfenol [in urine]. San shift; long-term exposure	lyoxylic acid [ir rk shift; long-te npling time: at	n urine]. erm the end
	Xylene		exposure to chemic [xylene (all isomers)	puric acid (all isomers)	x (Slovenia, 5/	2021)
	Ethylbenzene		exposure to chemic BAT: 250 mg/g crea	ction of workers from al substances at work tinine, mandelic acid an me: at the end of the wo	t <b>(Slovenia, 5</b> /2 nd phenylglyox	2021)
	2-butoxyethyl acetate		exposure to chemica BAT: 150 mg/g crea urine]. Sampling time:	ction of workers from al substances at work tinine, butoxyacetic acio : at the end of the work of the work shift after se	t <b>(Slovenia, 5</b> /2 d (after hydroly shift, at long-te	<b>2021)</b> /sis) [in erm
	Xylene		4/2022) [Xylenes]	occupational safety a		
	Ethylbenzene		<b>4/2022)</b> VLB: 700 mg/g creat	occupational safety a tinine, sum of mandelic n urine]. Sampling time	acid and acid	and
	No exposure indices known.					
	Xylene		BEI: 2 g/l, methyl hip	<b>1/2023) [Xylene, all isc</b> opuric acid [in urine]. Sa osure or after working h	ampling time:	
	Ethylbenzene			<b>1/2023)</b> inine, mandelic acid + p : immediately after expo		
	2-butoxyethyl acetate		urine]. Sampling time:	<b>1/2023)</b> inine, 2-butoxy acetic ac : immediately after expo -term exposure: after m	osure or after v	working
	Xylene		m-, p- or mixed ison	creatinine, methyl hipp		
	Recommended monitoring : procedures	European S assessment values and r atmosphere of exposure (Workplace for the meas	hould be made to monitor tandard EN 689 (Workplac of exposure by inhalation measurement strategy) Et s - Guide for the application to chemical and biologica atmospheres - General re surement of chemical agent for methods for the determ	ce atmospheres - Guida to chemical agents for uropean Standard EN 1 on and use of procedure I agents) European Sta equirements for the perf nts) Reference to natio	ance for the comparison w 14042 (Workpla es for the asse andard EN 482 formance of pro- onal guidance	ace ssment 2 ocedures
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required.

#### **DNELs/DMELs**

Product/ingredient name	Туре	Exposure	Value	Population	Effects
n-Butyl acetate	DNEL	Short term Oral	2 mg/kg bw/day	General population	Systemic
	DNEL	Long term Oral	2 mg/kg bw/day	General population	Systemic
	DNEL	Short term Dermal	6 mg/kg bw/day	General population	Systemic
	DNEL	Short term Dermal	11 mg/kg bw/day	Workers	Systemic
	DNEL	Long term Inhalation	35.7 mg/m <sup>3</sup>	General	Local
	DNEL	Short term	300 mg/m <sup>3</sup>	population General	Local
	DNEL	Inhalation Short term	300 mg/m <sup>3</sup>	population General	Systemic
	DNEL	Inhalation Long term	300 mg/m³	population Workers	Local
	DNEL	Inhalation Short term	600 mg/m <sup>3</sup>	Workers	Local
	DNEL	Inhalation Short term	600 mg/m <sup>3</sup>	Workers	Systemic
	DNEL	Inhalation Long term Dermal	3.4 mg/kg	General	Systemic
	DNEL	Long term Dermal	bw/day 7 mg/kg bw/day	population Workers	Systemic
	DNEL	Long term Inhalation	12 mg/m <sup>3</sup>	General population	Systemic
	DNEL	Long term Inhalation	48 mg/m³	Workers	Systemic
Xylene	DNEL	Long term Inhalation	65.3 mg/m³	General population	Local
	DNEL	Short term Inhalation	260 mg/m <sup>3</sup>	General population	Local
	DNEL	Short term Inhalation	260 mg/m <sup>3</sup>	General population	Systemic
	DNEL	Long term Inhalation	221 mg/m³	Workers	Local
	DNEL	Long term Oral	12.5 mg/ kg bw/day	General population	Systemic
	DNEL	Long term Inhalation	65.3 mg/m <sup>3</sup>	General population	Systemic
	DNEL	Long term Dermal	125 mg/kg bw/day	General	Systemic
	DNEL	Long term Dermal	212 mg/kg bw/day	Workers	Systemic
	DNEL	Long term Inhalation	221 mg/m <sup>3</sup>	Workers	Systemic
	DNEL	Short term Inhalation	442 mg/m <sup>3</sup>	Workers	Local
	DNEL	Short term Inhalation	442 mg/m <sup>3</sup>	Workers	Systemic
Ethylbenzene	DNEL	Long term Oral	1.6 mg/kg bw/day	General population	Systemic
	DNEL	Long term Inhalation	15 mg/m <sup>3</sup>	General population	Systemic
	DNEL	Long term Inhalation	77 mg/m³	Workers	Systemic
	DNEL	Long term Dermal	180 mg/kg bw/day	Workers	Systemic
	DNEL	Short term Inhalation	293 mg/m <sup>3</sup>	Workers	Local
	DMEL	Long term	442 mg/m <sup>3</sup>	Workers	Local

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		Inhalation			
	DMEL	Short term	884 mg/m³	Workers	Systemic
		Inhalation			
2-butoxyethyl acetate	DNEL	Long term Oral	8.6 mg/kg	General	Systemic
			bw/day	population	
	DNEL	Short term Oral	36 mg/kg	General	Systemic
			bw/day	population	
	DNEL	Short term Dermal	72 mg/kg	General	Systemic
			bw/day	population	
	DNEL	Long term	80 mg/m³	General	Systemic
		Inhalation		population	
	DNEL	Long term Dermal	102 mg/kg	General	Systemic
			bw/day	population	
	DNEL	Short term Dermal	120 mg/kg	Workers	Systemic
			bw/day		
	DNEL	Long term	133 mg/m <sup>3</sup>	Workers	Systemic
		Inhalation	4.00 //		
	DNEL	Long term Dermal	169 mg/kg	Workers	Systemic
			bw/day	<b>a</b> 1	
	DNEL	Short term	200 mg/m <sup>3</sup>	General	Local
		Inhalation	000 / 3	population	
	DNEL	Short term	333 mg/m <sup>3</sup>	Workers	Local
	DNE	Inhalation	0.0	0	0
Methyl methacrylate	DNEL	Long term Oral	8.2 mg/kg	General	Systemic
	DNE	0	bw/day	population	1 1
	DNEL	Short term	208 mg/m <sup>3</sup>	General	Local
	DUE	Inhalation	440	population	1 1
	DNEL	Short term	416 mg/m <sup>3</sup>	Workers	Local
	DNE	Inhalation	4 5	0	1 1
	DNEL	Short term Dermal	1.5 mg/cm <sup>2</sup>		Local
		Long torm Dormal	1 E malam <sup>2</sup>	population General	
	DNEL	Long term Dermal	1.5 mg/cm <sup>2</sup>		Local
	DNEL	Short torm Dormal	1.5 mg/cm <sup>2</sup>	population Workers	Local
	DNEL	Short term Dermal	1.5 mg/cm <sup>2</sup>	Workers	Local
		Long term Dermal			
	DNEL	Long term Dermal	8.2 mg/kg	General	Systemic
	DNEL	Long term Dermal	bw/day 13.67 mg/	population Workers	Systemic
	DINEL	Long term Denna	kg bw/day	VUIKEIS	Systemic
	DNEL	Long torm	74.3 mg/m <sup>3</sup>	General	Systemic
		Long term Inhalation	14.5 mg/m	population	Systemic
	DNEL	Long term	104 mg/m³	General	Local
		Inhalation	107 mg/m	population	
	DNEL	Long term	208 mg/m <sup>3</sup>	Workers	Local
	DIVEL	Inhalation	200 mg/m	Wonters	Loodi
	DNEL	Long term	348.4 mg/	Workers	Systemic
		Inhalation	m <sup>3</sup>	Workere	Cyclonno
propylidynetrimethanol	DNEL	Long term Oral	0.34 mg/	General	Systemic
			kg bw/day	population	0,0001110
	DNEL	Long term Dermal	0.34 mg/	General	Systemic
		200	kg bw/day	population	
	DNEL	Long term	0.58 mg/m <sup>3</sup>	General	Systemic
		Inhalation	s.comg/m	population	e yetonino
	DNEL	Long term Dermal	0.94 mg/	Workers	Systemic
			kg bw/day		- ,
	DNEL	Long term	$3.3 \text{ mg/m}^3$	Workers	Systemic
		Inhalation	5.5 mg/m		-,

#### **PNECs**

No PNECs available

#### 8.2 Exposure controls

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	· · · · · · · · · · · · · · · · · · ·	
Appropriate engineering controls	Use only with adequate ventilation. Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits. The engineering controls also need to keep gas, vapour or dust concentrations below any lower explosive limits. Use explosion-proof ventilation equipment.	
Individual protection measu		
Hygiene measures	Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working per Appropriate techniques should be used to remove potentially contaminated cloth Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.	hing.
Eye/face protection	Safety eyewear complying with an approved standard should be used when a ri assessment indicates this is necessary to avoid exposure to liquid splashes, mi gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: chemical splash goggles.	ists,
Skin protection		
Hand protection	Chemical-resistant, impervious gloves complying with an approved standard sh be worn at all times when handling chemical products if a risk assessment indic this is necessary. Considering the parameters specified by the glove manufactor check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated.	cates urer,
	Recommendations : Wear suitable gloves tested to EN374.	
	< 1 hour (breakthrough time): Nitrile gloves. thickness > 0.3 mm	
	1 - 4 hours (breakthrough time): 4H / Silver Shield® gloves.	
Body protection	Personal protective equipment for the body should be selected based on the tas being performed and the risks involved and should be approved by a specialist before handling this product. When there is a risk of ignition from static electric wear anti-static protective clothing. For the greatest protection from static discharges, clothing should include anti-static overalls, boots and gloves. Refer European Standard EN 1149 for further information on material and design requirements and test methods.	ity,
Other skin protection	Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.	be
Respiratory protection	Based on the hazard and potential for exposure, select a respirator that meets t appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other impor aspects of use.	
	Filter type: A	
	Filter type (spray application): A P	
Environmental exposure controls	Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislatio In some cases, fume scrubbers, filters or engineering modifications to the proce equipment will be necessary to reduce emissions to acceptable levels.	

## **SECTION 9: Physical and chemical properties**

The conditions of measurement of all properties are at standard temperature and pressure unless otherwise indicated.

## 9.1 Information on basic physical and chemical properties

Appearance	
Physical state	: Liquid.
Colour	: Various
Odour	: Slight
Odour threshold	: Not available.
Melting point/freezing point	: Not available.

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## SECTION 9: Physical and chemical properties

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# Initial boiling point and boiling range

Ingredient name		°C	°F	Method	
n-Butyl acetate		126	258.8	OECD 103	
Ethylbenzene		136.1	277	OECD 104	
Flammability	ailable.	·			
Lower and upper explosion limit	: Lower: Upper:				
Flash point	: Closed	cup: 27°C (8	30.6°F)		
Auto-ignition temperature	:				
Ingredient name		°C	°F	Method	
2-butoxyethyl acetate		340	644		
n-Butyl acetate		415	779	EU A.15	
Decomposition temperature	: Not ava	ailable.			
рН	: Not app	olicable.			
Viscosity	: Not ava	ailable.			
Solubility(ies)	:				
Not available.					
Solubility in water	: Not ava	ailable.			
Partition coefficient: n-octanol/ water	: Not app	olicable.			
Vapour pressure	:				

	Va	pour Press	ure at 20°C	Vapour pressure at 50°C			
Ingredient name	mm Hg	kPa	Method	mm Hg	kPa	Method	
n-Butyl acetate	11.25096	1.5	DIN EN 13016-2				
Ethylbenzene	9.30076	1.2					
Relative density	: Not	available.	•				
Density	: 1.2	g/cm³					
Vapour density	: Not	available.					
Explosive properties	: Not	available.					
Oxidising properties	: Not	available.					
Particle characteristics							
Median particle size	: Not	applicable.					

SECTION 10: Stability and reactivity				
: No specific test data related to reactivity available for this product or its ingredients.				
: The product is stable.				
: Under normal conditions of storage and use, hazardous reactions will not occur.				
: Avoid all possible sources of ignition (spark or flame). Do not pressurise, cut, weld, braze, solder, drill, grind or expose containers to heat or sources of ignition.				
: Reactive or incompatible with the following materials: oxidising materials				

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## **SECTION 10: Stability and reactivity**

**10.6 Hazardous** 

decomposition products

: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## SECTION 11: Toxicological information

#### 11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

#### Acute toxicity

Product/ingredient name	Result	Species	Dose	Exposure
n-Butyl acetate	LC50 Inhalation Vapour	Rat	0.74 mg/l	4 hours
	LD50 Dermal	Rabbit	14112 mg/kg	-
	LD50 Oral	Rat	10760 mg/kg	-
Xylene	LC50 Inhalation Vapour	Rat	21.7 mg/l	4 hours
-	LD50 Oral	Rat	4300 mg/kg	-
Ethylbenzene	LC50 Inhalation Dusts and	Rat	29000 mg/l	4 hours
-	mists			
	LD50 Dermal	Rabbit	15400 mg/kg	-
	LD50 Oral	Rat	3500 mg/kg	-
2-butoxyethyl acetate	LD50 Dermal	Rabbit	1500 mg/kg	-
	LD50 Oral	Rat	2400 mg/kg	-
Methyl methacrylate	LC50 Inhalation Vapour	Rat	78000 mg/m <sup>3</sup>	4 hours
, <u>,</u>	LD50 Dermal	Rabbit	>5 g/kg	-
	LD50 Oral	Rat	7872 mg/kg	-
propylidynetrimethanol	LD50 Oral	Rat	14000 mg/kg	-

#### **Conclusion/Summary**

: Based on available data, the classification criteria are not met.

#### Acute toxicity estimates

Route	ATE value	
	7421.83 mg/kg 60.39 mg/l	

#### Irritation/Corrosion

Product/ingredient name	Result	Species	Score	Exposure	Observation
n-Butyl acetate	Eyes - Moderate irritant	Rabbit	-	100 mg	-
,	Skin - Moderate irritant	Rabbit	-	24 hours 500	-
				mg	
titanium dioxide	Skin - Mild irritant	Human	-	72 hours 300	-
				ug l	
Xylene	Eyes - Mild irritant	Rabbit	-	87 mg	-
	Eyes - Severe irritant	Rabbit	-	24 hours 5	-
				mg	
	Skin - Mild irritant	Rat	-	8 hours 60 uL	-
	Skin - Moderate irritant	Rabbit	-	100 %	-
	Skin - Moderate irritant	Rabbit	-	24 hours 500	-
				mg	
Ethylbenzene	Eyes - Severe irritant	Rabbit	-	500 mg	-
	Skin - Mild irritant	Rabbit	-	24 hours 15	-
				mg	
2-butoxyethyl acetate	Eyes - Mild irritant	Rabbit	-	24 hours 500	-
				mg	
	Skin - Mild irritant	Rabbit	-	500 mg	-
Conclusion/Summary	: Causes skin irritation.	1		1	1
<u>Sensitisation</u>					

#### : Based on available data, the classification criteria are not met. **Conclusion/Summary Mutagenicity Conclusion/Summary** : Based on available data, the classification criteria are not met.

#### Carcinogenicity

It has been observed that the carcinogenic hazard of this product arises when respirable dust is inhaled in quantities leading to significant impairment of particle clearance mechanisms in the lung.

: Based on available data, the classification criteria are not met.

**Conclusion/Summary** 

#### **Reproductive toxicity**

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## **SECTION 11: Toxicological information**

**Conclusion/Summary** : Based on available data, the classification criteria are not met.

#### **Teratogenicity**

**Conclusion/Summary** : Based on available data, the classification criteria are not met.

#### Specific target organ toxicity (single exposure)

Product/ingredient name	Category	Route of exposure	Target organs
n-Butyl acetate Xylene	Category 3 Category 3	-	Narcotic effects Respiratory tract irritation
Methyl methacrylate	Category 3	-	Respiratory tract irritation

#### Specific target organ toxicity (repeated exposure)

Product/ingredient name	Category	Route of exposure	Target organs
Xylene	Category 2	oral, inhalation	-
Ethylbenzene	Category 2	oral, inhalation	hearing organs

#### Aspiration hazard

Product/ingredient name	Result
Xylene	ASPIRATION HAZARD - Category 1
Ethylbenzene	ASPIRATION HAZARD - Category 1

Information on likely routes of exposure	:	Not available.
Potential acute health effects		
Eye contact	:	Causes serious eye irritation.
Inhalation	:	Can cause central nervous system (CNS) depression. May cause drowsiness or dizziness.
Skin contact	:	Causes skin irritation.

Ingestion : Can cause central nervous system (CNS) depression.

#### Symptoms related to the physical, chemical and toxicological characteristics

Eye contact	: Adverse symptoms may include the following: pain or irritation watering redness
Inhalation	: Adverse symptoms may include the following: nausea or vomiting headache drowsiness/fatigue dizziness/vertigo unconsciousness
Skin contact	: Adverse symptoms may include the following: irritation redness
Ingestion	: No specific data.

#### Delayed and immediate effects as well as chronic effects from short and long-term exposure

Potential immediate effects	: Not available	е.		
<u>Long term exposure</u>				
Potential delayed effects	: Not available	e.		
Potential immediate effects	: Not available	e.		
Short term exposure				

## **SECTION 11: Toxicological information**

	5
Potential delayed effects	: Not available.
Potential chronic health eff	ects
Not available.	
Conclusion/Summary	: Not available.
General	: May cause damage to organs through prolonged or repeated exposure.
Carcinogenicity	: No known significant effects or critical hazards.
Mutagenicity	: No known significant effects or critical hazards.
Reproductive toxicity	: No known significant effects or critical hazards.

#### **11.2 Information on other hazards**

11.2.1 Endocrine disrupting properties

Not available.

#### 11.2.2 Other information

Not available.

## **SECTION 12: Ecological information**

#### 12.1 Toxicity

Product/ingredient name	Result	Species	Exposure
n-Butyl acetate	Acute LC50 32 mg/l Marine water	Crustaceans - Artemia salina	48 hours
-	Acute LC50 18000 µg/l Fresh water	Fish - Pimephales promelas	96 hours
titanium dioxide	Acute LC50 3 mg/l Fresh water	Crustaceans - <i>Ceriodaphnia</i> <i>dubia</i> - Neonate	48 hours
	Acute LC50 6.5 mg/l Fresh water	Daphnia - <i>Daphnia pulex -</i> Neonate	48 hours
	Acute LC50 >1000000 μg/l Marine water	Fish - Fundulus heteroclitus	96 hours
Methyl methacrylate	Acute LC50 130000 µg/l Fresh water	Fish - <i>Pimephales promelas</i> - Adult	96 hours
propylidynetrimethanol	Acute EC50 13000000 µg/l Fresh water	Daphnia - <i>Daphnia magna</i>	48 hours
	Acute LC50 14400000 µg/l Marine water	Fish - Cyprinodon variegatus	96 hours

**Conclusion/Summary** : Based on available data, the classification criteria are not met.

#### 12.2 Persistence and degradability

**Conclusion/Summary** : This product has not been tested for biodegradation.

#### 12.3 Bioaccumulative potential

Product/ingredient name	LogPow	BCF	Potential
n-Butyl acetate	2.3	-	Low
Xylene	3.12	8.1 to 25.9	Low
Ethylbenzene	3.6	-	Low
2-butoxyethyl acetate	1.51	-	Low
Methyl methacrylate	1.38	-	Low
propylidynetrimethanol	-0.47	<1	Low

12.4 Mobility in soil	
Soil/water partition coefficient (Koc)	: Not available.
Mobility	: Not available.

#### 12.5 Results of PBT and vPvB assessment

This mixture does not contain any substances that are assessed to be a PBT or a vPvB.

## **SECTION 12: Ecological information**

#### 12.6 Endocrine disrupting properties

Not available.

#### 12.7 Other adverse effects

No known significant effects or critical hazards.

#### **SECTION 13: Disposal considerations**

#### **13.1 Waste treatment methods**

Product	
Methods of disposal	: The generation of waste should be avoided or minimised wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction.
Hazardous waste	: The classification of the product may meet the criteria for a hazardous waste.
European waste catalogue (EWC)	: 08.01.11
Packaging	
Methods of disposal	: The generation of waste should be avoided or minimised wherever possible. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible.
Special precautions	: This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Vapour from product residues may create a highly flammable or explosive atmosphere inside the container. Do not cut, weld or grind used containers unless they have been cleaned thoroughly internally. Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers.

## **SECTION 14: Transport information**

-				
ADR/RID	ADN	IMDG	ΙΑΤΑ	
UN1993	UN1993	UN1993	UN1993	
FLAMMABLE LIQUID, N.O.S. (n-butyl acetate, xylene)	FLAMMABLE LIQUID, N.O.S. (n-butyl acetate, xylene)	FLAMMABLE LIQUID, N.O.S. (xylene, ethylbenzene)	FLAMMABLE LIQUID, N.O.S. (xylene, ethylbenzene)	
3	3	3	3	
111	111	111	111	
No.	Yes.	No.	No.	
	UN1993 FLAMMABLE LIQUID, N.O.S. (n-butyl acetate, xylene) 3 3 III	UN1993UN1993FLAMMABLE LIQUID, N.O.S. (n-butyl acetate, xylene)FLAMMABLE LIQUID, N.O.S. (n-butyl acetate, xylene)33IIIIII	UN1993UN1993UN1993FLAMMABLE LIQUID, N.O.S. (n-butyl acetate, xylene)FLAMMABLE LIQUID, N.O.S. (n-butyl acetate, xylene)FLAMMABLE LIQUID, N.O.S. (xylene, ethylbenzene)333IIIIIIIII	

#### **Additional information**

ADR/RID ADN : <u>Tunnel code</u> (D/E)

: The product is only regulated as an environmentally hazardous substance when transported in tank vessels.

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## **SECTION 14: Transport information**

14.6 Special	precautions	for
user		

- r : Transport within user's premises: always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.
- 14.7 Maritime transport in bulk according to IMO
- : Not relevant/applicable due to nature of the product.

instruments

## **SECTION 15: Regulatory information**

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

EU Regulation (EC) No. 1907/2006 (REACH)

#### Annex XIV - List of substances subject to authorisation

**Annex XIV** 

None of the components are listed.

#### Substances of very high concern

None of the components are listed.

#### Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous

Product/ingredient name	c c	%	Designation [Usage]	
ALPOCRYL LE 5393-40	:	≥90	3	
Labelling	I			
Other EU regulations				
Industrial emissions (integrated pollution prevention and control) - Air	Not listed			
Industrial emissions (integrated pollution prevention and control) - Water	Not listed			
Explosive precursors	Not applicable			
Ozone depleting substances	<u>(1005/2009/EU</u>	)		
Not listed.				
Prior Informed Consent (PIC	) (649/2012/EU)			
Not listed.	, ,			
Persistent Organic Pollutant Not listed.	<u>s</u>			
Seveso Directive				
This product is controlled under	er the Seveso Di	rective.		
Danger criteria				
Category				
P5c				
National regulations				
Austria				
VbF class	A II Very dangerou	ıs flamr	nable liquid.	
Limitation of the use of	Permitted.			

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<u>Czech Republic</u> Storage code	: 11					
organic solvents						

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<u>Denmark</u>			
Danish fire class	: II-1		
Executive Order No. 1795/20	<u>015</u>		
Ingredient name		Annex I Section A	Annex I Section B
titanium dioxide Ethylbenzene		Listed Listed	-
MAL-code	: 3-3		
Protection based on MAL	: According to the regulation stipulations apply to the us	s on work involving coded p e of personal protective equi	
	coveralls/protective clothing n clothes do not adequately pro shield must be worn in work in	orn for all work that may result in nust be worn when soiling is so otect skin against contact with th nvolving spattering if a full mash e of eye protection is not requir	great that regular wo he product. A face k is not required. In thi
		/hich there is return spray, the f n protectors/apron/coveralls/pro	
		in new* booths if the operator r knife, brush, roller, etc. for pre y booth or spray cabin.	
	- Air-supplied half mask and e	eye protection must be worn.	
	there is a risk of contact with knife, brush, roller, etc, for pre	and repair in closed facilities, sp wet paint or organic solvents. e- and post-treatments in cabin perator is inside the spray zone.	When using scraper on sor booths of the
	- Air-supplied half mask, cove	eralls and eye protection must b	e worn.
	When spraying in existing* sp	pray booths, if the operator is ou	itside the spray zone.
	- Air-supplied full mask, arm p	protectors and apron must be w	/orn.
		g in existing* facilities of the co here the operator is working ins	
	- Air-supplied full mask, arm p	protectors and apron must be w	/orn.
		misation occurs in cabins or sp one and during spraying outside	
	- Air-supplied full mask, cover	ralls and hood must be worn.	
	rack trolleys, etc, must be equ	ng ovens that are temporarily p uipped with a mechanical exhau assing through workers' inhalati	ust system to prevent

**Polishing:** When polishing treated surfaces, a mask with dust filter must be worn. When machine grinding, eye protection must be worn. Work gloves must always be worn.

**Caution** The regulations contain other stipulations in addition to the above.

## **SECTION 15: Regulatory information**

	*See Regulations.	
Restrictions on use	: Not to be used by professional users below 18 Working Environment Authorities Executive O	
List of undesirable substances	: Not listed	
Carcinogenic waste	: Waste containers must be labeled: Contains a by Danish working environment legislation on	
<u>Finland</u>		
<u>France</u>		
Social Security Code, Articles L 461-1 to L 461-7	<ul> <li>n-Butyl acetate</li> <li>Xylene</li> <li>Ethylbenzene</li> <li>2-butoxyethyl acetate</li> <li>Methyl methacrylate</li> </ul>	RG 84 RG 4bis, RG 84 RG 84 RG 84 RG 82
Reinforced medical surveillance	: Act of July 11, 1977 determining the list of acti medical surveillance: not applicable	vities which require reinforced
<u>Germany</u>		

#### Storage class (TRGS 510) : 3

#### Hazardous incident ordinance

This product is controlled under the Germany Hazardous Incident Ordinance.

#### Danger criteria

Category		Reference number
P5c		1.2.5.3
Hazard class for water	: 2	

:	TA-Luft Number 5.2.5: 70.4% TA-Luft Class I - Number 5.2.5: 3%
:	Not determined.

#### **Netherlands**

Ministry of Social Affairs and Employment (SZW) - Carcinogenic substances and processes, mutagenic or reprotoxic substances

Ingredient name	Carcinogen	Mutagen	Reproductive toxicity - Fertility	Reproductive toxicity - Development	Harmful via breastfeeding
xylene	-	-	-	Development 2	-
Water Discharge Pol (ABM)			tic organisms, may ha		rdous effects in
<u>Norway</u>					
<u>Sweden</u>					
Flammable liquid cla (SRVFS 2005:10)	ass : 2a				
Switzerland					
VOC content	: VOC (w/	w): 51.5%			
nternational regulation	ons				
hemical Weapon Co	nvention List Sch	edules I, II & III	<u>Chemicals</u>		
Not listed.					
Iontreal Protocol					
Not listed.					
tockholm Conventio	on on Persistent O	rganic Pollutan	<u>ts</u>		
Not listed.					
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Rotterdam Convention on Prior Informed Consent (PIC)

Not listed.

#### **UNECE Aarhus Protocol on POPs and Heavy Metals**

Not listed.

15.2 Chemic	al safety
assessment	

: This product contains substances for which Chemical Safety Assessments are still required.

## **SECTION 16: Other information**

Indicates information that has changed from previously issued version.

Abbreviations and acronyms	: ATE = Acute Toxicity Estimate CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No.
	1272/2008]
	DMEL = Derived Minimal Effect Level
	DNEL = Derived No Effect Level
	EUH statement = CLP-specific Hazard statement
	N/A = Not available
	PBT = Persistent, Bioaccumulative and Toxic
	PNEC = Predicted No Effect Concentration
	RRN = REACH Registration Number
	SGG = Segregation Group
	vPvB = Very Persistent and Very Bioaccumulative
<b>–</b> – – – – – – – – – – – – – – – – – –	

Procedure used to derive the classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]

Classification	Justification
Flam. Liq. 3, H226	On basis of test data
Skin Irrit. 2, H315	Calculation method
Eye Irrit. 2, H319	Calculation method
STOT SE 3, H336	Calculation method
STOT RE 2, H373	Calculation method

Full text of abbreviated H statements

H225	Highly flammable liquid and vapour.
H226	Flammable liquid and vapour.
H304	May be fatal if swallowed and enters airways.
H312	Harmful in contact with skin.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
H335	May cause respiratory irritation.
H336	May cause drowsiness or dizziness.
H351	Suspected of causing cancer.
H361fd	Suspected of damaging fertility. Suspected of damaging the unborn child.
H373	May cause damage to organs through prolonged or repeated exposure.
EUH066	Repeated exposure may cause skin dryness or cracking.

#### Full text of classifications [CLP/GHS]

Acute Tox. 4	ACUTE TOXICITY - Category 4
Asp. Tox. 1	ASPIRATION HAZARD - Category 1
Carc. 2	CARCINOGENICITY - Category 2
Eye Irrit. 2	SERIOUS EYE DAMAGE/EYE IRRITATION - Category 2
Flam. Liq. 2	FLAMMABLE LIQUIDS - Category 2
Flam. Liq. 3	FLAMMABLE LIQUIDS - Category 3
Repr. 2	REPRODUCTIVE TOXICITY - Category 2
Skin Irrit. 2	SKIN CORROSION/IRRITATION - Category 2
Skin Sens. 1	SKIN SENSITISATION - Category 1
STOT RE 2	SPECIFIC TARGET ORGAN TOXICITY - REPEATED EXPOSURE - Category 2
STOT SE 3	SPECIFIC TARGET ORGAN TOXICITY - SINGLE EXPOSURE - Category 3
Date of issue/ Date of	: 18/12/2023

revision

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All variants

#### Notice to reader

The information in this SDS is based on the present state of our knowledge and on current laws. The product is not to be used for purposes other than those specified under section 1 without first obtaining written handling instructions. It is always the responsibility of the user to take all necessary steps to fulfil the demands set out in the local rules and legislation. The information in this SDS is meant to be a description of the safety requirements for our product. It is not to be considered a guarantee of the product's properties.