SAFETY DATA SHEET



TEKNOZINC 90 SE - All variants

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

1.1 Product identifier Product name

: TEKNOZINC 90 SE - 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 (UK) Limited, 7 Longlands Rd, Bicester, Oxfordshire OX26 5AH, United Kingdom. Tel. +44 (0) 1869 208005.

1.4 Emergency telephone number

National advisory body/Poison Centre

Telephone number : NHS: 111

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Product definition : Mixture

Classification according to UK CLP/GHS

Flam. Liq. 3, H226 Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1, H317 STOT RE 2, H373 Aquatic Acute 1, H400 Aquatic Chronic 1, H410

The product is classified as hazardous according to UK CLP Regulation SI 2019/720 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 Hazard statements

: Warning

: H226 - Flammable liquid and vapour.

- H315 Causes skin irritation.
- H317 May cause an allergic skin reaction.
- H319 Causes serious eye irritation.
- H373 May cause damage to organs through prolonged or repeated exposure.
- H410 Very toxic to aquatic life with long lasting effects.

Precautionary statements

SECTION 2: Hazards identification

SECTION 2. Hazarus		
Prevention	:	 P280 - Wear protective gloves. Wear eye or face protection. P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P273 - Avoid release to the environment. P260 - Do not breathe vapour.
Response	:	P391 - Collect spillage.
Storage	:	Not applicable.
Disposal	:	P501 - Dispose of contents and container in accordance with all local, regional, national and international regulations.
Supplemental label elements	;	
Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles	:	Not applicable.
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	:	None known.

SECTION 3: Composition/information on ingredients

Product/ingredient name	Identifiers	%	Classification	Туре
Znc powder - zinc dust (stabilized)	REACH #: 01-2119467174-37 EC: 231-175-3 CAS: 7440-66-6	≥75 - ≤90	Aquatic Acute 1, H400 (M=1) Aquatic Chronic 1, H410 (M=1)	[1]
Xylene	REACH #: 01-2119488216-32 EC: 215-535-7 CAS: 1330-20-7 Index: 601-022-00-9	≥10 - ≤17	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	[1] [2]
reaction product: bisphenol-A- (epichlorhydrin); epoxy resin	EC: 500-033-5 CAS: 25068-38-6	≤10	Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1, H317 Aquatic Chronic 2, H411	[1]
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	[1] [2]
iso-butanol	REACH #: 01-2119484609-23 EC: 201-148-0 CAS: 78-83-1 Index: 603-108-00-1	≤2.3	Flam. Liq. 3, H226 Skin Irrit. 2, H315 Eye Dam. 1, H318 STOT SE 3, H335 STOT SE 3, H336	[1] [2]
1-Methoxy 2-propanol	REACH #: 01-2119457435-35	<1	Flam. Liq. 3, H226 STOT SE 3, H336	[1] [2]
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	EC: 203-539-1 CAS: 107-98-2			
	Index: 603-064-00-3			
2-Methoxy-1-methylethyl acetate	REACH #: 01-2119475791-29 EC: 203-603-9	≤0.3	Flam. Liq. 3, H226 STOT SE 3, H336	[1] [2
	CAS: 108-65-6			
nagnesium carbonate	Index: 607-195-00-7 EC: 208-915-9 CAS: 546-93-0	≤0.1	Not classified.	[2]
oluene	REACH #: 01-2119471310-51	≤0.1	Flam. Liq. 2, H225 Skin Irrit. 2, H315	[1] [2
	EC: 203-625-9 CAS: 108-88-3 Index: 601-021-00-3		Repr. 2, H361d STOT SE 3, H336 STOT RE 2, H373	
.ead (Pb)	EC: 231-100-4 CAS: 7439-92-1 Index: 082-013-00-1	<0.01	Asp. Tox. 1, H304 Repr. 1A, H360FD Lact., H362 Aquatic Acute 1, H400	[1] [2 [3]
			(M=1) Aquatic Chronic 1, H410 (M=10)	
Ethanol	REACH #: 01-2119457610-43 EC: 200-578-6 CAS: 64-17-5	≤0.1	Flam. Liq. 2, H225 Eye Irrit. 2, H319	[1] [2
Propylene glycol	Index: 603-002-00-5 REACH #: 01-2119456809-23 EC: 200-338-0	≤0.1	Not classified.	[2]
Formaldehyde	CAS: 57-55-6 REACH #: 01-2119488953-20 EC: 200-001-8 CAS: 50-00-0 Index: 605-001-00-5	<0.1	Acute Tox. 3, H301 Acute Tox. 3, H311 Acute Tox. 2, H330 Skin Corr. 1B, H314 Eye Dam. 1, H318	[1] [2
2,6-di-tert-butyl-p-cresol	REACH #:	<0.1	Skin Sens. 1, H317 Muta. 2, H341 Carc. 1B, H350 STOT SE 3, H335 Aquatic Acute 1, H400	[1] [2
	01-2119565113-46 EC: 204-881-4 CAS: 128-37-0		(M=1) Aquatic Chronic 1, H410 (M=1)	
Propan-2-ol	REACH #: 01-2119457558-25 EC: 200-661-7 CAS: 67-63-0 Index: 603-117-00-0	≤0.1	Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336	[1] [2
Butanone	REACH #: 01-2119457290-43 EC: 201-159-0 CAS: 78-93-3	≤0.1	Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336 EUH066	[1] [2
sumene	Index: 606-002-00-3 EC: 202-704-5 CAS: 98-82-8 Index: 601-024-00-X	≤0.1	Flam. Liq. 3, H226 STOT SE 3, H335 Asp. Tox. 1, H304 Aquatic Chronic 2,	[1] [2
penzene	EC: 200-753-7 CAS: 71-43-2 Index: 601-020-00-8	<0.1	H411 Flam. Liq. 2, H225 Skin Irrit. 2, H315 Eye Irrit. 2, H319 Muta. 1B, H340 Carc. 1A, H350 STOT RE 1, H372 Asp. Tox. 1, H304	[1] [2

SECTION 3: Composition/information on ingredients			
	Aquatic Chronic 3, H412		
	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.

Туре

Substance classified with a health or environmental hazard

[2] Substance with a workplace exposure limit

[3] Substance with carcinogenic, mutagenic or reproductive toxicity properties

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

SECTION 4: First aid measures

4.1 Description of first aid measures	4.1	Descri	ption	of	first	aid	measures
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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 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 following exposure or if feeling unwell. 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	:	Wash with plenty of soap and water. Remove contaminated clothing and shoes. Wash contaminated clothing thoroughly with water before removing it, or wear gloves. Continue to rinse for at least 10 minutes. Get medical attention. In the event of any complaints or symptoms, avoid further exposure. 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 following exposure or if feeling unwell. 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. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it, or wear gloves.

4.2 Most important symptoms and effects, both acute and delayed

Over-exposure signs/symptoms					
Eye contact	: Adverse symptoms may include the following: pain or irritation watering redness				
Inhalation	: No specific data.				
Skin contact	: Adverse symptoms may include the following: irritation redness				
Ingestion	: No specific data.				

4.3 Indication of any immediate medical attention and special treatment needed

SECTION 4: First aid measures Notes to physician : Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. Specific treatments : No specific treatment.

SECTION 5: Firefighting measures

	3
5.1 Extinguishing media Suitable extinguishing	: Use dry chemical, CO ₂ , water spray (fog) or foam.
media	
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. This material is very toxic to aquatic life with long lasting effects. Fire water contaminated with this material must be contained and prevented from being discharged to any waterway, sewer or drain.
Hazardous combustion products	: Decomposition products may include the following materials: carbon dioxide carbon monoxide halogenated compounds 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	: Fre-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 British standard BS 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). Water polluting material. May be harmful to the environment if released in large quantities. Collect spillage.
6.3 Methods and material for	СС	ntainment and cleaning up
Small spill	1	Stop leak if without risk. Move containers from spill area. Use spark-proof tools and

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contractor.

explosion-proof equipment. Absorb with an inert material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal

SECTION 6: Accidental release measures

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. Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilt product. 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.
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). Persons with a history of skin sensitization problems should not be employed in any process in which this product is used. Do not get in eyes or on skin or clothing. Do not breathe vapour or mist. Do not ingest. Avoid release to the environment. 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. See Section 10 for incompatible materials before handling or use.

Seveso Directive - Reporting thresholds

Danger criteria

Category	Notification and MAPP threshold	Safety report threshold
₽5c	5000 tonnes	50000 tonnes
E1	100 tonnes	200 tonnes

7.3 Specific end use(s)

Recommendations Industrial sector specific solutions

- : Not available.
- : Not available.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters	
Occupational exposure limits	
Xylene	EH40/2005 WELs (United Kingdom (UK), 1/2020) [xylene, o-,m-,
	p- or mixed isomers] Absorbed through skin. STEL 15 minutes: 441 mg/m ³ .
	TWA 8 hours: 50 ppm.
	TWA 8 hours: 220 mg/m ³ .
	STEL 15 minutes: 100 ppm.
Ethylbenzene	EH40/2005 WELs (United Kingdom (UK), 1/2020) Absorbed
,	through skin.
	STEL 15 minutes: 552 mg/m ³ .
	STEL 15 minutes: 125 ppm.
	TWA 8 hours: 100 ppm.
	TWA 8 hours: 441 mg/m³.
iso-butanol	EH40/2005 WELs (United Kingdom (UK), 1/2020)
	STEL 15 minutes: 231 mg/m ³ .
	STEL 15 minutes: 75 ppm.
	TWA 8 hours: 154 mg/m ³ .
	TWA 8 hours: 50 ppm.
1-Methoxy 2-propanol	EH40/2005 WELs (United Kingdom (UK), 1/2020) Absorbed
	through skin. STEL 15 minutes: 560 mg/m³.
	STEL 15 minutes: 500 mg/m .
	TWA 8 hours: 375 mg/m ³ .
	TWA 8 hours: 100 ppm.
2-Methoxy-1-methylethyl acetate	EH40/2005 WELs (United Kingdom (UK), 1/2020) Absorbed
	through skin.
	STEL 15 minutes: 548 mg/m ³ .
	TWA 8 hours: 50 ppm.
	TWA 8 hours: 274 mg/m³.
	STEL 15 minutes: 100 ppm.
magnesium carbonate	EH40/2005 WELs (United Kingdom (UK), 1/2020)
	TWA 8 hours: 10 mg/m ³ . Form: inhalable dust.
	TWA 8 hours: 4 mg/m ³ . Form: respirable dust.
Toluene	EH40/2005 WELs (United Kingdom (UK), 1/2020) Absorbed
	through skin.
	STEL 15 minutes: 384 mg/m ³ .
	TWA 8 hours: 191 mg/m ³ .
	TWA 8 hours: 50 ppm. STEL 15 minutes: 100 ppm.
Lood (Dh)	
Lead (Pb)	EH40/2005 WELs (United Kingdom (UK), 1/2020) Carc. TWA 8 hours: 0.15 mg/m ³ .
Ethanol	EH40/2005 WELs (United Kingdom (UK), 1/2020)
Ethanol	TWA 8 hours: 1000 ppm.
	TWA 8 hours: 1920 mg/m ³ .
Propylene glycol	EH40/2005 WELs (United Kingdom (UK), 1/2020)
	TWA 8 hours: 474 mg/m ³ . Form: total vapour and particulates.
	TWA 8 hours: 150 ppm. Form: total vapour and particulates.
	TWA 8 hours: 10 mg/m³. Form: Particulate.
Formaldehyde	EH40/2005 WELs (United Kingdom (UK), 1/2020) Carc.
·	STEL 15 minutes: 2.5 mg/m ³ .
	STEL 15 minutes: 2 ppm.
	TWA 8 hours: 2 ppm.
	TWA 8 hours: 2.5 mg/m³.
2,6-di-tert-butyl-p-cresol	EH40/2005 WELs (United Kingdom (UK), 1/2020)
	TWA 8 hours: 10 mg/m ³ .
Propan-2-ol	EH40/2005 WELs (United Kingdom (UK), 1/2020)
	STEL 15 minutes: 1250 mg/m ³ .
	STEL 15 minutes: 500 ppm.
	TWA 8 hours: 999 mg/m³. TWA 8 hours: 400 ppm.
Butanone	EH40/2005 WELs (United Kingdom (UK), 1/2020) Absorbed
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SECTION 8: Exposure controls/personal protection

	through skin.
	STEL 15 minutes: 899 mg/m ³ .
	STEL 15 minutes: 300 ppm.
	TWA 8 hours: 600 mg/m³.
	TWA 8 hours: 200 ppm.
cumene	EH40/2005 WELs (United Kingdom (UK), 1/2020) Absorbed
	through skin.
	STEL 15 minutes: 250 mg/m ³ .
	STEL 15 minutes: 50 ppm.
	TWA 8 hours: 25 ppm.
	TWA 8 hours: 125 mg/m ³ .
benzene	EH40/2005 WELs (United Kingdom (UK), 1/2020) Carc.
	Absorbed through skin.
	TWA 8 hours: 1 ppm.
	TWA 8 hours: 3.25 mg/m³.
	-

Biological exposure indices

Product/ingredient name		Exposure indices			
X ylene		EH40/2005 BMGVs (United Kingdom (UK), 1/2020) [Xylene, o-, m-, p- or mixed isomers] BGV: 650 mmol/mol creatinine, methyl hippuric acid [in urine]. Sampling time: post shift.			
		EU Biological limit values (Europe, 3/2024) [lead and its inorganic compounds] BEI surveillance: 30 μg/100 ml, lead [in blood]. BLV: 70 μg/100 ml, lead [in blood]. BEI surveillance - females of reproductive capacity: 4.5 μg/100 ml, lead [in blood].			
Butanone		EH40/2005 BMGVs (United Kingdom (UK), 1/2020) BGV: 70 μmol/l, butan-2-one [in urine]. Sampling time: post shift.			
Recommended monitoring : procedures	: Reference should be made to monitoring standards, such as the following: British Standard BS EN 689 (Workplace atmospheres - Guidance for the assessment of exposure by inhalation to chemical agents for comparison with limit values and measurement strategy) British Standard BS EN 14042 (Workplace atmospheres - Guide for the application and use of procedures for the assessment of exposure to chemical agents) British Standard BS EN 482 (Workplace atmospheres - General requirements for the performance of procedures for the measurement of chemical agents) Reference to national guidance documents for methods for the determination of hazardous substances will also be required.				
DNELs/DMELs					
Product/ingredient name		Result			
Xylene		DNEL - General population - Long term - Oral 5 mg/kg bw/day <u>Effects</u> : Systemic			
		DNEL - General population - Long term - Inhalation 65.3 mg/m ³ Effects: Local			
		DNEL - General population - Long term - Inhalation 65.3 mg/m ³ <u>Effects</u> : Systemic			
		DNEL - General population - Long term - Dermal 125 mg/kg bw/day <u>Effects</u> : Systemic			
		DNEL - Workers - Long term - Dermal 212 mg/kg bw/day Effects: Systemic			

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	DNEL - Workers - Long term - Inhalation 221 mg/m³ Effects: Local
	DNEL - Workers - Long term - Inhalation 221 mg/m ³ <u>Effects</u> : Systemic
	DNEL - General population - Short term - Inhalation 260 mg/m³ <u>Effects</u> : Local
	DNEL - General population - Short term - Inhalation 260 mg/m ³ <u>Effects</u> : Systemic
	DNEL - Workers - Short term - Inhalation 442 mg/m³ <u>Effects</u> : Local
	DNEL - Workers - Short term - Inhalation 442 mg/m ³ Effects: Systemic
Ethylbenzene	DMEL - Workers - Long term - Inhalation 442 mg/m ³ Effects: Local
	DMEL - Workers - Short term - Inhalation 884 mg/m ³ <u>Effects</u> : Systemic
	DNEL - General population - Long term - Oral 1.6 mg/kg bw/day <u>Effects</u> : Systemic
	DNEL - General population - Long term - Inhalation 15 mg/m ³ <u>Effects</u> : Systemic
	DNEL - Workers - Long term - Inhalation 77 mg/m³ <u>Effects</u> : Systemic
	DNEL - Workers - Long term - Dermal 180 mg/kg bw/day <u>Effects</u> : Systemic
	DNEL - Workers - Short term - Inhalation 293 mg/m³ <u>Effects</u> : Local
iso-butanol	DNEL - General population - Long term - Inhalation 55 mg/m ³ <u>Effects</u> : Local
	DNEL - Workers - Long term - Inhalation 310 mg/m³ <u>Effects</u> : Local
1-Methoxy 2-propanol	DNEL - General population - Long term - Oral 33 mg/kg bw/day <u>Effects</u> : Systemic
	DNEL - General population - Long term - Inhalation 43.9 mg/m ³

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SECTION 8: Exposure controls/personal protection		
	Effects: Systemic	
	DNEL - General population - Long term - Dermal 78 mg/kg bw/day <u>Effects</u> : Systemic	
	DNEL - Workers - Long term - Dermal 183 mg/kg bw/day <u>Effects</u> : Systemic	
	DNEL - Workers - Long term - Inhalation 369 mg/m ³ <u>Effects</u> : Systemic	
	DNEL - Workers - Short term - Inhalation 553.5 mg/m³ <u>Effects</u> : Local	
	DNEL - Workers - Short term - Inhalation 553.5 mg/m ³ Effects: Systemic	
2-Methoxy-1-methylethyl acetate	DNEL - General population - Long term - Inhalation 33 mg/m ³ <u>Effects</u> : Local	
	DNEL - General population - Long term - Inhalation 33 mg/m ³ <u>Effects</u> : Systemic	
	DNEL - General population - Long term - Oral 36 mg/kg bw/day <u>Effects</u> : Systemic	
	DNEL - Workers - Long term - Inhalation 275 mg/m ³ <u>Effects</u> : Systemic	
	DNEL - General population - Long term - Dermal 320 mg/kg bw/day <u>Effects</u> : Systemic	
	DNEL - Workers - Short term - Inhalation 550 mg/m³ <u>Effects</u> : Local	
	DNEL - Workers - Long term - Dermal 796 mg/kg bw/day <u>Effects</u> : Systemic	
magnesium carbonate	DNEL - General population - Short term - Oral 7.23 mg/kg bw/day <u>Effects</u> : Systemic	
	DNEL - General population - Long term - Oral 7.23 mg/kg bw/day <u>Effects</u> : Systemic	
Toluene	DNEL - General population - Long term - Oral 8.13 mg/kg bw/day <u>Effects</u> : Systemic	
	DNEL - General population - Long term - Inhalation 56.5 mg/m ³ Effects: Local	

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DNEL - General population - Long term - Inhalation 56.5 mg/m³ Effects: Systemic

DNEL - Workers - Long term - Inhalation 192 mg/m³ Effects: Local

DNEL - Workers - Long term - Inhalation 192 mg/m³ Effects: Systemic

DNEL - General population - Long term - Dermal 226 mg/kg bw/day Effects: Systemic

DNEL - General population - Short term - Inhalation 226 mg/m³ Effects: Local

DNEL - General population - Short term - Inhalation 226 mg/m³ Effects: Systemic

DNEL - Workers - Long term - Dermal 384 mg/kg bw/day Effects: Systemic

DNEL - Workers - Short term - Inhalation 384 mg/m³ Effects: Local

DNEL - Workers - Short term - Inhalation 384 mg/m³ Effects: Systemic

DNEL - Workers - Long term - Inhalation 380 mg/m³ Effects: Systemic

DNEL - General population - Long term - Oral 87 mg/kg bw/day Effects: Systemic

DNEL - General population - Long term - Inhalation 114 mg/m³ Effects: Systemic

DNEL - General population - Long term - Dermal 206 mg/kg bw/day Effects: Systemic

DNEL - Workers - Long term - Dermal 343 mg/kg bw/day Effects: Systemic

DNEL - General population - Short term - Inhalation 950 mg/m³ Effects: Local

DNEL - Workers - Short term - Inhalation 1900 mg/m³ Effects: Local

DNEL - General population - Long term - Inhalation 10 mg/m³

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Propylene glycol

Ethanol

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SECTION 8: Exposure controls/personal protection

	• · · · · · · • • • • • · · ·
	<u>Effects</u> : Local
	DNEL - Workers - Long term - Inhalation 10 mg/m³ <u>Effects</u> : Local
	DNEL - General population - Long term - Inhalation 50 mg/m ³ <u>Effects</u> : Systemic
	DNEL - Workers - Long term - Inhalation 168 mg/m³ <u>Effects</u> : Systemic
Formaldehyde	DNEL - General population - Long term - Dermal 12 μg/cm² <u>Effects</u> : Local
	DNEL - Workers - Long term - Dermal 37 μg/cm² <u>Effects</u> : Local
	DNEL - General population - Long term - Inhalation 0.1 mg/m³ <u>Effects</u> : Local
	DNEL - Workers - Long term - Inhalation 0.375 mg/m³ <u>Effects</u> : Local
	DNEL - Workers - Short term - Inhalation 0.75 mg/m³ <u>Effects</u> : Local
	DNEL - General population - Long term - Inhalation 3.2 mg/m ³ <u>Effects</u> : Systemic
	DNEL - General population - Long term - Oral 4.1 mg/kg bw/day <u>Effects</u> : Systemic
	DNEL - Workers - Long term - Inhalation 9 mg/m ³ <u>Effects</u> : Systemic
	DNEL - General population - Long term - Dermal 102 mg/kg bw/day <u>Effects</u> : Systemic
	DNEL - Workers - Long term - Dermal 240 mg/kg bw/day <u>Effects</u> : Systemic
2,6-di-tert-butyl-p-cresol	DNEL - General population - Long term - Oral 0.25 mg/kg bw/day <u>Effects</u> : Systemic
	DNEL - General population - Long term - Dermal 0.25 mg/kg bw/day <u>Effects</u> : Systemic
	DNEL - General population - Long term - Inhalation 0.435 mg/m ³ Effects: Systemic

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	DNEL - Workers - Long term - Dermal 0.5 mg/kg bw/day <u>Effects</u> : Systemic
	DNEL - Workers - Long term - Inhalation 1.76 mg/m³ <u>Effects</u> : Systemic
Propan-2-ol	DNEL - Workers - Long term - Inhalation 500 mg/m ³ <u>Effects</u> : Systemic
	DNEL - Workers - Long term - Dermal 888 mg/kg bw/day <u>Effects</u> : Systemic
	DNEL - General population - Long term - Oral 26 mg/kg bw/day <u>Effects</u> : Systemic
	DNEL - General population - Short term - Oral 51 mg/kg bw/day <u>Effects</u> : Systemic
	DNEL - General population - Long term - Inhalation 89 mg/m ³ <u>Effects</u> : Systemic
	DNEL - General population - Short term - Inhalation 178 mg/m ³ <u>Effects</u> : Systemic
	DNEL - General population - Long term - Dermal 319 mg/kg bw/day <u>Effects</u> : Systemic
	DNEL - Workers - Short term - Inhalation 1000 mg/m ³ <u>Effects</u> : Systemic
Butanone	DNEL - General population - Long term - Oral 31 mg/kg bw/day <u>Effects</u> : Systemic
	DNEL - General population - Long term - Inhalation 106 mg/m ³ <u>Effects</u> : Systemic
	DNEL - General population - Long term - Dermal 412 mg/kg bw/day <u>Effects</u> : Systemic
	DNEL - General population - Short term - Inhalation 450 mg/m ³ <u>Effects</u> : Systemic
	DNEL - Workers - Long term - Inhalation 600 mg/m ³ <u>Effects</u> : Systemic
	DNEL - Workers - Short term - Inhalation 900 mg/m³ <u>Effects</u> : Systemic
	DNEL - Workers - Long term - Dermal 1161 mg/kg bw/day

SECTION 8: Exposu	re controls/personal protection		
	<u>Effects</u> : Systemic		
cumene	DNEL - General population - Long term - Dermal 1.2 mg/kg bw/day <u>Effects</u> : Systemic		
	DNEL - Workers - Long term - Dermal 15.4 mg/kg bw/day <u>Effects</u> : Systemic		
	DNEL - Workers - Long term - Inhalation 100 mg/m³ <u>Effects</u> : Systemic		
	DNEL - Workers - Short term - Inhalation 250 mg/m³ <u>Effects</u> : Local		
	DNEL - General population - Long term - Oral 5 mg/kg bw/day <u>Effects</u> : Systemic		
	DNEL - General population - Long term - Inhalation 16.6 mg/m ³ Effects: Systemic		
benzene	DNEL - General population - Long term - Inhalation 0.14 mg/m ³ Effects: Systemic		
PNECs Not available.			
8.2 Exposure controls			
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 meas	<u>ures</u>		
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 period. Appropriate techniques should be used to remove potentially contaminated clothing. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.		
Eye/face protection	: Safety eyewear complying with an approved standard should be used when a risk		

Eye/face protection
 Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, 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.

 Skin protection

 Hand protection

 : Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, 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.

Recommendations : Wear suitable gloves tested to EN374.

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SECTION 8: Exposure controls/personal protection

	< 1 hour (breakthrough time): Nitrile gloves. thickness > 0.3 mm
	> 8 hours (breakthrough time): 4H / Silver Shield® gloves.
	Wash hands before breaks and immediately after handling the product.
Body protection	: Personal protective equipment for the body should be selected based on the task 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 electricity, wear anti-static protective clothing. For the greatest protection from static discharges, clothing should include anti-static overalls, boots and gloves. Refer to British Standard BS EN 1149 for further information on material and design requirements and test methods.
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.
Respiratory protection	: Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important 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 legislation. In some cases, fume scrubbers, filters or engineering modifications to the process 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 a	and chemical properties
-------------------------------------	-------------------------

Appearance		
Physical state	:	Liquid.
Colour	:	Various
Odour	:	Slight
Odour threshold	:	Not available.
Melting point/freezing point	1	Not available.
Initial boiling point and boiling range	1	
Ingredient name		°C

Ingredient name		°C	°F	Method
jso-butanol		108	226.4	OECD 103
Ethylbenzene		136.1	277	OECD 104
Flammability (solid, gas)	: Not ava	ilable.		-
Upper/lower flammability or explosive limits		0.8% (xylene) 6.7% (xylene)		
Flash point	: Closed	cup: 24°C (75.2°F)	
Auto-ignition temperature	:			
Ingredient name		°C	°F	Method
jso-butanol		415	779	
Xylene		432	809.6	
Decomposition temperature	: Not ava	ilable.		
рН	: Not app	licable.		
Viscosity	 			
Solubility(ies) Not available.	:			
Defenden in de la constante de		Defendance in		0/ Venter 10 / 15/0/

SECTION 9: Physical and chemical properties

Solubility in water	4	Not available.
Partition coefficient: n-octanol/	1	Not applicable.
water		

Vapour pressure

Vapour pressure	:							
	Va	Vapour Pressure at 20°C			Vapour pressure at 50°			
Ingredient name	mm Hg	kPa	Method	mm Hg	kPa	Method		
<mark>is</mark> o-butanol	<12.00102	<1.6	DIN EN 13016-2					
Ethylbenzene	9.30076	1.2						
Relative density	: Not	available.						
Density	: 2.9	g/cm³						
Vapour density	: Not	available.						

Explosive properties	: Not available.
Oxidising properties	: Not available.

Oxidiality properties	. Not ava
Particle characteristics	

Median particle size : Not applicable.

9.2 Other information

Not available.

SECTION 10: Stability and reactivity			
10.1 Reactivity	: No specific test data related to reactivity available for this product or its ingredients.		
10.2 Chemical stability	: The product is stable.		
10.3 Possibility of hazardous reactions	: Under normal conditions of storage and use, hazardous reactions will not occur.		
10.4 Conditions to avoid	: 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.		
10.5 Incompatible materials	: Reactive or incompatible with the following materials: oxidising materials		
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 toxicologica	al effects					
Acute toxicity						
Product/ingredient name		Result Rat - Oral - LD50 4300 mg/kg <u>Toxic effects</u> : Liver - Other changes Kidney, Ureter, and Bladder - Other changes				
		Rat - Inhalatio 21.7 mg/l [4 ho	n - LC50 Vapour urs]			
Ethylbenzene		Rat - Oral - LD 3500 mg/kg	950			
		Rabbit - Derm 15400 mg/kg	al - LD50			
		Rat - Inhalatio	n - LC50 Dusts and	d mists		
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CECTION 44. Toxical anisol information				
SECTION 11: Toxicological info	29000 mg/l [4 hours]			
iso-butanol	Rat - Oral - LD50 2460 mg/kg			
	Rabbit - Dermal - LD50 3400 mg/kg			
	Rat - Inhalation - LC50 Vapour 19200 mg/m³ [4 hours]			
1-Methoxy 2-propanol	Rabbit - Dermal - LD50 13 g/kg			
	Rat - Oral - LD50 6600 mg/kg <u>Toxic effects</u> : Brain and Coverings - Other degenerative changes Behavioral - General anesthetic Lung, Thorax, or Respiration - Dyspnea			
2-Methoxy-1-methylethyl acetate	Rat - Oral - LD50 8532 mg/kg			
	Rabbit - Dermal - LD50 >5 g/kg			
magnesium carbonate	Rat - Oral - LD50 8000 mg/kg			
Toluene	Rat - Oral - LD50 636 mg/kg			
	Rat - Inhalation - LC50 Vapour 49 g/m³ [4 hours]			
Ethanol	Rat - Oral - LD50 7 g/kg			
	Rat - Inhalation - LC50 Vapour 124700 mg/m ³ [4 hours]			
Propylene glycol	Rat - Oral - LD50 20 g/kg			
	Rabbit - Dermal - LD50 20800 mg/kg			
Formaldehyde	Rat - Oral - LD50 100 mg/kg			
	Rabbit - Dermal - LD50 270 mg/kg			
	Rat - Inhalation - LC50 Gas. 250 ppm [4 hours]			
2,6-di-tert-butyl-p-cresol	Rat - Oral - LD50 890 mg/kg			
Propan-2-ol	Rabbit - Dermal - LD50 12800 mg/kg			
	Rat - Oral - LD50 5000 mg/kg <u>Toxic effects</u> : Behavioral - General anesthetic			

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Butanone	Rabbit - Dermal - LD50 6480 mg/kg
	Rat - Oral - LD50 2737 mg/kg
cumene	Rat - Oral - LD50 1400 mg/kg <u>Toxic effects</u> : Gastrointestinal - Gastritis
	Rat - Inhalation - LC50 Vapour 39000 mg/m³ [4 hours]
benzene	Rat - Oral - LD50 930 mg/kg <u>Toxic effects</u> : Behavioral - Tremor Behavioral - Convulsions or effect on seizure threshold

Conclusion/Summary [Product] : Not available.

Acute toxicity estimates

Product/ingredient name	Oral (mg/ kg)	Dermal (mg/kg)	Inhalation (gases) (ppm)	Inhalation (vapours) (mg/l)	Inhalation (dusts and mists) (mg/l)
FEKNOZINC 90 SE	N/A	10524.0	N/A	86.3	N/A
Xylene	4300	1100	N/A	11	N/A
Ethylbenzene	3500	15400	N/A	11	29000
iso-butanol	2460	3400	N/A	N/A	N/A
1-Methoxy 2-propanol	6600	13000	N/A	N/A	N/A
2-Methoxy-1-methylethyl acetate	8532	N/A	N/A	N/A	N/A
magnesium carbonate	8000	N/A	N/A	N/A	N/A
Toluene	N/A	N/A	N/A	49	N/A
Ethanol	7000	N/A	N/A	124.7	N/A
Propylene glycol	20000	20800	N/A	N/A	N/A
Formaldehyde	100	270	250	N/A	N/A
Propan-2-ol	5000	12800	N/A	N/A	N/A
Butanone	2737	6480	N/A	N/A	N/A
cumene	N/A	N/A	N/A	39	N/A

Skin corrosion/irritation

Product/ingredient name

 \mathbb{Z} inc powder - zinc dust (stabilized)

Xylene

reaction product: bisphenol-A-(epichlorhydrin); epoxy resin

Result

Human - Skin - Mild irritant

Duration of treatment/exposure: 72 hours Amount/concentration applied: 300 ug I

Rat - Skin - Mild irritant

Duration of treatment/exposure: 8 hours Amount/concentration applied: 60 uL

Rabbit - Skin - Moderate irritant Duration of treatment/exposure: 24 hours Amount/concentration applied: 500 mg

Rabbit - Skin - Moderate irritant Amount/concentration applied: 100 %

Rabbit - Skin - Moderate irritant Duration of treatment/exposure: 24 hours Amount/concentration applied: 500 uL

Rabbit - Skin - Severe irritant

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	<u>Duration of treatment/exposure</u> : 24 hours <u>Amount/concentration applied</u> : 2 mg
Ethylbenzene	Rabbit - Skin - Mild irritant <u>Duration of treatment/exposure</u> : 24 hours <u>Amount/concentration applied</u> : 15 mg
1-Methoxy 2-propanol	Rabbit - Skin - Mild irritant Amount/concentration applied: 500 mg
Toluene	Pig - Skin - Mild irritant <u>Duration of treatment/exposure</u> : 24 hours <u>Amount/concentration applied</u> : 250 uL
	Rabbit - Skin - Mild irritant Amount/concentration applied: 435 mg
	Rabbit - Skin - Moderate irritant Duration of treatment/exposure: 24 hours Amount/concentration applied: 20 mg
	Rabbit - Skin - Moderate irritant Amount/concentration applied: 500 mg
Ethanol	Rabbit - Skin - Mild irritant Amount/concentration applied: 400 mg
	Rabbit - Skin - Moderate irritant Duration of treatment/exposure: 24 hours Amount/concentration applied: 20 mg
Propylene glycol	Child - Skin - Moderate irritant Duration of treatment/exposure: 96 hours Amount/concentration applied: 30 % C
	Human - Skin - Mild irritant Duration of treatment/exposure: 168 hours Amount/concentration applied: 500 mg
	Human - Skin - Moderate irritant Duration of treatment/exposure: 72 hours Amount/concentration applied: 104 mg I
	Woman - Skin - Mild irritant <u>Duration of treatment/exposure</u> : 96 hours <u>Amount/concentration applied</u> : 30 %
Formaldehyde	Human - Skin - Mild irritant Duration of treatment/exposure: 72 hours Amount/concentration applied: 150 ug l
	Human - Skin - Severe irritant Amount/concentration applied: 0.01 %
	Rabbit - Skin - Mild irritant Amount/concentration applied: 540 mg
	Rabbit - Skin - Moderate irritant <u>Duration of treatment/exposure</u> : 24 hours <u>Amount/concentration applied</u> : 50 mg
	Rabbit - Skin - Severe irritant Duration of treatment/exposure: 24 hours Amount/concentration applied: 2 mg
	Rabbit - Skin - Severe irritant

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	Amount/concentration applied: 0.8 %	
	Mouse - Skin - Moderate irritant Amount/concentration applied: 7 %	
	Rat - Skin - Moderate irritant <u>Amount/concentration applied</u> : 7 %	
2,6-di-tert-butyl-p-cresol	Human - Skin - Mild irritant Duration of treatment/exposure: 48 hours Amount/concentration applied: 500 mg	
	Rabbit - Skin - Moderate irritant Duration of treatment/exposure: 48 hours Amount/concentration applied: 500 mg	
Propan-2-ol	Rabbit - Skin - Mild irritant Amount/concentration applied: 500 mg	
Butanone	Rabbit - Skin - Mild irritant <u>Duration of treatment/exposure</u> : 24 hours <u>Amount/concentration applied</u> : 14 mg	
	Rabbit - Skin - Mild irritant <u>Duration of treatment/exposure</u> : 24 hours <u>Amount/concentration applied</u> : 402 mg	
	Rabbit - Skin - Moderate irritant Duration of treatment/exposure: 24 hours Amount/concentration applied: 500 mg	
cumene	Rabbit - Skin - Mild irritant <u>Duration of treatment/exposure</u> : 24 hours <u>Amount/concentration applied</u> : 10 mg	
	Rabbit - Skin - Moderate irritant Duration of treatment/exposure: 24 hours Amount/concentration applied: 100 mg	
benzene	Rat - Skin - Mild irritant <u>Duration of treatment/exposure</u> : 8 hours <u>Amount/concentration applied</u> : 60 uL	
	Rabbit - Skin - Mild irritant <u>Duration of treatment/exposure</u> : 24 hours <u>Amount/concentration applied</u> : 15 mg	
	Rabbit - Skin - Moderate irritant <u>Duration of treatment/exposure</u> : 24 hours <u>Amount/concentration applied</u> : 20 mg	
Conclusion/Summary [Product] : Not av	ailable.	
Serious eye damage/eye irritation		
Product/ingredient name Xylene	Result Rabbit - Eyes - Mild irritant <u>Amount/concentration applied</u> : 87 mg	
	Rabbit - Eyes - Severe irritant <u>Duration of treatment/exposure</u> : 24 hours <u>Amount/concentration applied</u> : 5 mg	
reaction product: bisphenol-A- (epichlorhydrin); epoxy resin	Rabbit - Eyes - Mild irritant Amount/concentration applied: 100 mg	

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Ethylbenzene	Rabbit - Eyes - Severe irritant Amount/concentration applied: 500 mg
1-Methoxy 2-propanol	Rabbit - Eyes - Mild irritant Duration of treatment/exposure: 24 hours Amount/concentration applied: 500 mg
Toluene	Rabbit - Eyes - Mild irritant <u>Duration of treatment/exposure</u> : 0.5 minutes <u>Amount/concentration applied</u> : 100 mg
	Rabbit - Eyes - Mild irritant Amount/concentration applied: 870 ug
	Rabbit - Eyes - Severe irritant <u>Duration of treatment/exposure</u> : 24 hours <u>Amount/concentration applied</u> : 2 mg
	Rabbit - Eyes - Severe irritant Amount/concentration applied: 0.1 MI
Ethanol	Rabbit - Eyes - Mild irritant Duration of treatment/exposure: 24 hours Amount/concentration applied: 500 mg
	Rabbit - Eyes - Moderate irritant Duration of treatment/exposure: 0.0666666667 minutes Amount/concentration applied: 100 mg
	Rabbit - Eyes - Moderate irritant Amount/concentration applied: 100 uL
	Rabbit - Eyes - Severe irritant Amount/concentration applied: 500 mg
Propylene glycol	Rabbit - Eyes - Mild irritant Duration of treatment/exposure: 24 hours Amount/concentration applied: 500 mg
	Rabbit - Eyes - Mild irritant Amount/concentration applied: 100 mg
Formaldehyde	Human - Eyes - Mild irritant Duration of treatment/exposure: 6 minutes Amount/concentration applied: 1 ppm
	Rabbit - Eyes - Severe irritant Duration of treatment/exposure: 24 hours Amount/concentration applied: 750 ug
	Rabbit - Eyes - Severe irritant Amount/concentration applied: 750 ug
	Rabbit - Eyes - Severe irritant Amount/concentration applied: 37 %
	Rabbit - Eyes - Severe irritant Amount/concentration applied: 10 mg
	Mouse - Eyes - Moderate irritant Amount/concentration applied: 3 %
2,6-di-tert-butyl-p-cresol	Rabbit - Eyes - Moderate irritant <u>Duration of treatment/exposure</u> : 24 hours <u>Amount/concentration applied</u> : 100 mg

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Propan-2-ol	Rabbit - Eyes - Moderate irritant Duration of treatment/exposure: 24 hours Amount/concentration applied: 100 mg			
	Rabbit - Eyes - Moderate irritant Amount/concentration applied: 10 mg			
	Rabbit - Eyes - Severe irritant Amount/concentration applied: 100 mg			
cumene	Rabbit - Eyes - Mild irritant Duration of treatment/exposure: 24 hours Amount/concentration applied: 500 mg	i		
	Rabbit - Eyes - Mild irritant Amount/concentration applied: 86 mg			
benzene	Rabbit - Eyes - Moderate irritant Amount/concentration applied: 88 mg			
	Rabbit - Eyes - Severe irritant Duration of treatment/exposure: 24 hours Amount/concentration applied: 2 mg	i		
	Rabbit - Eyes - Severe irritant Amount/concentration applied: 0.1 MI			
Conclusion/Summary [Product] : Not available	e.			
Respiratory corrosion/irritation Not available.				
Conclusion/Summary [Product] : Not available	e.			
Respiratory or skin sensitization Not available.				
Skin Conclusion/Summary [Product] : Not available	e.			
Respiratory Conclusion/Summary [Product] : Not available	e.			
Germ cell mutagenicity Not available.				
Conclusion/Summary [Product] : Not available	e.			
Carcinogenicity Not available.				
Conclusion/Summary [Product] : Not available	e.			
Reproductive toxicity Not available.				
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Conclusion/Summary [Product] : Not available.

Specific target organ toxicity (single exposure)

Product/ingredient name	Result
X ylene	STOT SE 3, H335 (Respiratory tract irritation)
iso-butanol	STOT SE 3, H335 (Respiratory tract irritation)
	STOT SE 3, H336 (Narcotic effects)
1-Methoxy 2-propanol	STOT SE 3, H336 (Narcotic effects)
2-Methoxy-1-methylethyl acetate	STOT SE 3, H336 (Narcotic effects)
Toluene	STOT SE 3, H336 (Narcotic effects)
Formaldehyde	STOT SE 3, H335 (Respiratory tract irritation)
Propan-2-ol	STOT SE 3, H336 (Narcotic effects)
Butanone	STOT SE 3, H336 (Narcotic effects)
cumene	STOT SE 3, H335 (Respiratory tract irritation)

Specific target organ toxicity (repeated exposure)

Product/ingredient name

Product/ingredient name	Result
⋉ ylene	STOT RE 2, H373 (oral, inhalation)
Ethylbenzene	STOT RE 2, H373 (hearing organs) (oral, inhalation)
Toluene	STOT RE 2, H373
benzene	STOT RE 1, H372

Aspiration hazard

Product/ingredient name	Result
X ylene	ASPIRATION HAZARD - Category 1
Ethylbenzene	ASPIRATION HAZARD - Category 1
Toluene	ASPIRATION HAZARD - Category 1
cumene	ASPIRATION HAZARD - Category 1
benzene	ASPIRATION HAZARD - Category 1

Information on likely routes of exposure

Not available.

Potential acute health effects

Eye contact	: Causes serious eye irritation.	
Inhalation	: No known significant effects or critical hazards.	
Skin contact	: Causes skin irritation. May cause an allergic skin reaction.	
Ingestion	: No known significant effects or critical hazards.	

Symptoms related to the physical, chemical and toxicological characteristics

Eye contact	: Adverse symptoms may include the following: pain or irritation watering redness
Inhalation	: No specific data.
Skin contact	: Adverse symptoms may include the following: irritation redness
Ingestion	: No specific data.

Delayed and immediate effe	cts as well as chronic effects from short and long-term exposure
Short term exposure	
Potential immediate effects	: Not available.
Potential delayed effects	: Not available.
Long term exposure	

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	5
Potential immediate effects	: Not available.
Potential delayed effects	s : Not available.
Potential chronic health e	ffects
Not available.	
Conclusion/Summary [F	Product] : Not available.
General	: May cause damage to organs through prolonged or repeated exposure. Once sensitized, a severe allergic reaction may occur when subsequently exposed to very low levels.
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.

Other information

Not available.

SECTION 12: Ecological information

12.1 Toxicity

Product/ingredient name Zinc powder - zinc dust (stabilized)

Result

Acute - LC50 - Fresh water Crustaceans - Water flea - *Ceriodaphnia dubia* - Neonate 65 μg/l [48 hours] <u>Effect</u>: Mortality

Acute - IC50 - Marine water

Algae - Diatom - *Nitzschia closterium* - Exponential growth phase 65 μg/l [4 days] <u>Effect</u>: Population

Chronic - EC10 - Fresh water

Algae - Green algae - *Pseudokirchneriella subcapitata* -Exponential growth phase 27.3 μg/l [72 hours] <u>Effect</u>: Population

Chronic - EC10 - Fresh water

Daphnia - Water flea - *Daphnia magna* <u>Age</u>: <24 hours 59.2 µg/l [21 days] <u>Effect</u>: Reproduction

Chronic - NOEC - Fresh water

Fish - common carp - *Cyprinus carpio* <u>Age</u>: 13 months; <u>Size</u>: 10.5 cm; <u>Weight</u>: 27.8 g 2.6 µg/l [4 weeks] <u>Effect</u>: Accumulation

Acute - LC50 - Marine water

Fish - Mudskipper - *Periophthalmus waltoni* - Adult 12.21 µg/l [96 hours] <u>Effect</u>: Mortality

Acute - LC50 - Fresh water

Fish - Rainbow trout,donaldson trout - *Oncorhynchus mykiss* <u>Weight</u>: 1.67 g 1330000 µg/l [96 hours] <u>Effect</u>: Mortality

Acute - LC50 - Marine water

Crustaceans - Brine shrimp - Artemia salina

iso-butanol

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Toluene

Lead (Pb)

Ethanol

600 mg/l [48 hours] <u>Effect</u>: Mortality

Acute - LC50 - Fresh water

Fish - Coho salmon,silver salmon - *Oncorhynchus kisutch* - Fry <u>Weight</u>: 1 g 5500 μg/l [96 hours] <u>Effect</u>: Mortality

Acute - EC50 - Fresh water

Algae - Green algae - *Pseudokirchneriella subcapitata* 12500 µg/l [72 hours] <u>Effect</u>: Growth

Chronic - NOEC - Fresh water

Daphnia - Water flea - *Daphnia magna* <u>Age</u>: ≤24 hours 1000 μg/l [21 days] <u>Effect</u>: Reproduction

Acute - EC50 - Fresh water

Daphnia - Water flea - *Daphnia magna* - Neonate <u>Age</u>: ≤24 hours 5.56 mg/l [48 hours] <u>Effect</u>: Intoxication

Acute - LC50 - Fresh water

Crustaceans - Water flea - *Ceriodaphnia reticulata* <u>Age</u>: <4 hours 530 µg/l [48 hours] <u>Effect</u>: Mortality

Acute - LC50 - Fresh water

Fish - common carp - *Cyprinus carpio* - Juvenile (Fledgling, Hatchling, Weanling) <u>Size</u>: 3.5 cm 0.44 ppm [96 hours] <u>Effect</u>: Mortality

Chronic - NOEC - Marine water

Algae - Green algae - *Ulva pertusa* 0.25 mg/l [96 hours] <u>Effect</u>: Reproduction

Chronic - NOEC - Fresh water

Fish - common carp - *Cyprinus carpio* <u>Age</u>: 13 months; <u>Size</u>: 10.5 cm; <u>Weight</u>: 27.8 g 0.03 µg/l [4 weeks] <u>Effect</u>: Accumulation

Acute - EC50 - Marine water

Algae - Diatom - *Chaetoceros sp.* - Exponential growth phase 105 ppb [72 hours] <u>Effect</u>: Population

Acute - EC50 - Fresh water

Daphnia - Water flea - *Daphnia magna* 2000 µg/l [48 hours] <u>Effect</u>: Physiology

Acute - LC50 - Fresh water

Fish - Rainbow trout,donaldson trout - *Oncorhynchus mykiss* 42000 µg/l [4 days] <u>Effect</u>: Mortality

SECTION 12: Ecological information

SECTION 12: Ecological information	
	Acute - EC50 - Marine water Algae - Green algae - <i>Ulva pertusa</i> 17.921 mg/l [96 hours]
	<u>Effect</u> : Reproduction Chronic - NOEC - Marine water Algae - Green algae - <i>Ulva pertusa</i>
	4.995 mg/l [96 hours] Effect: Reproduction
	Chronic - NOEC - Fresh water Fish - Eastern mosquitofish - <i>Gambusia holbrooki</i> - Larvae <u>Age</u> : 3 days 0.375 µl/l [12 weeks] <u>Effect</u> : Morphology
	Chronic - NOEC - Fresh water Daphnia - Water flea - <i>Daphnia magna</i> - Neonate <u>Age</u> : <24 hours 100 μl/l [21 days] <u>Effect</u> : Mortality
Propylene glycol	Acute - LC50 - Fresh water EU Fish - Trout - <i>Oncorhynchus mykiss</i> 40613 mg/l [96 hours]
	Acute - EC50 - Fresh water EU Algae - Algae 19300 mg/l [96 hours]
	Acute - LC50 - Fresh water Crustaceans - Water flea - <i>Ceriodaphnia dubia</i> <u>Age</u> : <24 hours 18340000 μg/l [48 hours] <u>Effect</u> : Mortality
Formaldehyde	Acute - EC50 - Fresh water Daphnia - Water flea - <i>Daphnia pulex</i> - Neonate <u>Age</u> : <24 hours 5800 μg/l [48 hours] <u>Effect</u> : Intoxication
	Acute - EC50 - Marine water Algae - Green algae - <i>Ulva pertusa</i> 0.788 mg/l [96 hours] <u>Effect</u> : Reproduction
	Acute - LC50 - Fresh water US EPA Fish - Rainbow trout,donaldson trout - <i>Oncorhynchus mykiss</i> 1.41 ppm [96 hours] <u>Effect</u> : Mortality
	Chronic - NOEC - Fresh water Fish - Chinook salmon - <i>Oncorhynchus tshawytscha</i> - Egg 953.9 ppm [43 days] <u>Effect</u> : Mortality
	Chronic - NOEC - Marine water

Chronic - NOEC - Marine water Algae - Haptophyte - *Isochrysis galbana* - Exponential growth phase <u>Age</u>: 4 to 5 days 0.005 mg/l [96 hours]

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SECTION 12: Ecological information		
	Effect: Population	
2,6-di-tert-butyl-p-cresol	Acute - EC50 - Fresh water Daphnia - Water flea - <i>Daphnia pulex</i> - Neonate <u>Age</u> : <24 hours 1440 μg/l [48 hours] <u>Effect</u> : Intoxication	
Propan-2-ol	Acute - LC50 - Marine water Crustaceans - Common shrimp, sand shrimp - <i>Crangon</i> <i>crangon</i> 1400000 μg/l [48 hours] <u>Effect</u> : Mortality	
	Acute - LC50 - Fresh water Fish - Harlequinfish, red rasbora - <i>Rasbora heteromorpha</i> <u>Size</u> : 1 to 3 cm 4200000 μg/l [96 hours] <u>Effect</u> : Mortality	
Butanone	Acute - EC50 - Fresh water Daphnia - Water flea - <i>Daphnia magna</i> - Larvae <u>Age</u> : <24 hours 5091000 μg/l [48 hours] <u>Effect</u> : Intoxication	
	Acute - LC50 - Fresh water Fish - Fathead minnow - <i>Pimephales promelas</i> <u>Age</u> : 31 days; <u>Size</u> : 22 mm; <u>Weight</u> : 0.167 g 3220000 μg/l [96 hours] <u>Effect</u> : Mortality	
	Acute - EC50 - Marine water Algae - Diatom - <i>Skeletonema costatum</i> >500000 μg/l [96 hours] <u>Effect</u> : Population	
cumene	Acute - LC50 - Fresh water Fish - Rainbow trout,donaldson trout - <i>Oncorhynchus mykiss</i> 2700 μg/l [96 hours] <u>Effect</u> : Mortality	
	Acute - EC50 - Marine water Crustaceans - Brine shrimp - <i>Artemia sp.</i> - Nauplii <u>Age</u> : 2 to 3 7.4 mg/l [48 hours] <u>Effect</u> : Intoxication	
benzene	Chronic - NOEC - Marine water Fish - Striped bass - <i>Morone saxatilis</i> - Juvenile (Fledgling, Hatchling, Weanling) <u>Size</u> : 18.1 cm; <u>Weight</u> : 3.39 g 1.5 to 5.4 μl/l [4 weeks] <u>Effect</u> : Growth	
	Acute - LC50 - Fresh water Fish - Pink salmon - <i>Oncorhynchus gorbuscha</i> - Fry 5.28 μl/l [96 hours] <u>Effect</u> : Mortality	
	Acute - EC50 - Fresh water Algae - Green algae - <i>Pseudokirchneriella subcapitata</i> 29000 μg/l [72 hours] <u>Effect</u> : Growth	

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SECTION 12: Ecological information

Acute - EC50 - Fresh water

Daphnia - Water flea - *Daphnia magna* - Neonate <u>Age</u>: ≤24 hours 9.23 mg/l [48 hours] <u>Effect</u>: Intoxication

Chronic - NOEC - Fresh water

Daphnia - Water flea - *Daphnia magna* <u>Age</u>: <24 hours 98 mg/l [21 days] <u>Effect</u>: Reproduction

Chronic - EC10 - Fresh water

Algae - Green algae - *Desmodesmus subspicatus* >1360 mg/l [96 hours] <u>Effect</u>: Population

Conclusion/Summary [Product] : Not available.

12.2 Persistence and degradability

Product/ingredient name

so-butanol

74% [28 days] - Readily

Conclusion/Summary [Product] : Not available.

Product/ingredient name	Aquatic half-life	Photolysis	Biodegradability
is o-butanol	-	-	Readily
Propylene glycol	-	-	Readily

Result

12.3 Bioaccumulative potential

Product/ingredient name	LogPow	BCF	Potential
▼ylene	3.12	8.1 to 25.9	Low
reaction product: bisphenol- A-(epichlorhydrin); epoxy resin	2.64 to 3.78	31	Low
Ethylbenzene	3.6	-	Low
iso-butanol	1	-	Low
1-Methoxy 2-propanol	<1	-	Low
2-Methoxy-1-methylethyl acetate	1.2	-	Low
Toluene	2.73	90	Low
Ethanol	-0.35	-	Low
Propylene glycol	-1.07	-	Low
2,6-di-tert-butyl-p-cresol	5.1	330 to 1800	High
Propan-2-ol	0.05	-	Low
Butanone	0.3	-	Low
cumene	3.55	35.48	Low
benzene	2.13	11	Low

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SECTION 12: Ecological information

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

12.5 Results of PBT and vPvB assessment

Product/ingredient name	PBT	Р	В	Т	vPvB	vP	vB
Znc powder - zinc dust (stabilized)	No	No	No	No	No	No	No
Xylene	No	No	No	Yes	No	No	No
reaction product: bisphenol- A-(epichlorhydrin); epoxy resin	No	No	No	No	No	No	No
Ethylbenzene	No	No	No	Yes	No	No	No
iso-butanol	No	No	No	No	No	No	No
1-Methoxy 2-propanol	No	No	No	No	No	No	No
2-Methoxy-1-methylethyl acetate	No	No	No	No	No	No	No
magnesium carbonate	No	No	No	No	No	No	No
Toluene	No	No	No	Yes	No	No	No
Lead (Pb)	No	No	No	No	No	No	No
Ethanol	No	No	No	No	No	No	No
Propylene glycol	No	No	No	No	No	No	No
Formaldehyde	No	No	No	Yes	No	No	No
2,6-di-tert-butyl-p-cresol	No	No	No	No	No	No	No
Propan-2-ol	No	No	No	No	No	No	No
Butanone	No	No	No	No	No	No	No
cumene	No	No	No	No	No	No	No
benzene	No	No	No	Yes	No	No	No

12.6 Other adverse effects

: No known significant effects or critical hazards.

SECTION 13: Disposal considerations

13.1 Waste treatment methods	3
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.
European waste catalogue (EWC)	: 080111*, 200127*
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.

	ADR/RID	ADN	IMDG	IATA
14.1 UN number	UN1263	UN1263	UN1263	UN1263
14.2 UN proper shipping name	PAINT	PAINT	PAINT	PAINT
14.3 Transport hazard class(es)		3	3	3
14.4 Packing group	III		111	111
14.5 Environmental hazards	Yes.	Yes.	Yes.	Yes. The environmentally hazardous substance mark is not required.
Additional informa ADR/RID	: The er sizes c <u>Tunne</u>	f ≤5 L or ≤5 kg. <u>I code</u> (D/E)		equired when transported i
ADN		ivironmentally hazardous f ≤5 L or ≤5 kg.	substance mark is not re	equired when transported i
IMDG	: The m	arine pollutant mark is no	t required when transpo	rted in sizes of ≤5 L or ≤5 k
ΙΑΤΑ		: The environmentally hazardous substance mark may appear if required by other transportation regulations.		
l4.6 Special precau Jser	upright		persons transporting the	closed containers that are e product know what to do
14.7 Transport in b	ulk : Not rel	evant/applicable due to r	ature of the product.	

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture UK (GB)/REACH

Annex XIV - List of substances subject to authorisation

Annex XIV

according to IMO instruments

None of the components are listed.

Substances of very high concern

Intrinsic property	Ingredient name			Date of revision
F oxic to reproduction	lead	Candidate	-	6/27/2018

Ozone depleting substances

Not listed.

Prior Informed Consent (PIC)

Not listed.

Persistent Organic Pollutants

Not listed.

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SECTION 15: Regulatory information

Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles

Product/ingredient name	%	Designation [Usage]
FEKNOZINC 90 SE	≥90	3
Toluene	≤0.1	48
Lead (Pb)	< 0.01	72
Formaldehyde	<0.1	72
benzene	<0.1	5
		72

Labelling

: Not applicable.

Seveso Directive

This product is controlled under the Seveso Directive.

Danger criteria Category

₽5c E1

National regulations

Product/ingredient name	List name	Name on list	Classification	Notes
<mark>l∕e</mark> ad (Pb)	EH40/2005 WELs	-	Carc	-
Formaldehyde	EH40/2005 WELs	-	Carc	-
benzene	EH40/2005 WELs	-	Carc	-

EU regulations

Industrial emissions (integrated pollution prevention and control) - Air	: Listed
Industrial emissions (integrated pollution prevention and control) - Water	: Listed
International regulations	
Chemical Weapon Conventi	on List Schedules I, II & III Chemicals
Not listed.	
Montreal Protocol Not listed.	

Stockholm Convention on Persistent Organic Pollutants

Not listed.

Rotterdam Convention on Prior Informed Consent (PIC)

Not listed.

UNECE Aarhus Protocol on POPs and Heavy Metals

Not listed.

15.2 Chemical safety assessment

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

SECTION 16: Other information

Indicates information t	hat has changed from previously issued version.
Abbreviations and acronyms	 ATE = Acute Toxicity Estimate GB CLP = UK CLP (EC No 1272/2008) on the Classification, Labelling and Packaging of Substances and Mixtures as amended by (EU Exit) Regulations 2019 No. 720 and amendments DMEL = Derived Minimal Effect Level DNEL = Derived No Effect Level EUH statement = GB 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
Due e e du une sue e el éle information	

Procedure used to derive the classification

Classification	Justification
Flam. Liq. 3, H226	On basis of test data
Skin Irrit. 2, H315	Calculation method
Eye Irrit. 2, H319	Calculation method
Skin Sens. 1, H317	Calculation method
STOT RE 2, H373	Calculation method
Aquatic Acute 1, H400	Calculation method
Aquatic Chronic 1, H410	Calculation method

Full text of abbreviated H statements

<mark>₩</mark> 225	Highly flammable liquid and vapour.	
H226	Flammable liquid and vapour.	
H301	Toxic if swallowed.	
H304	May be fatal if swallowed and enters airways.	
H311	Toxic in contact with skin.	
H312	Harmful in contact with skin.	
H314	Causes severe skin burns and eye damage.	
H315	Causes skin irritation.	
H317	May cause an allergic skin reaction.	
H318	Causes serious eye damage.	
H319	Causes serious eye irritation.	
H330	Fatal if inhaled.	
H332	Harmful if inhaled.	
H335	May cause respiratory irritation.	
H336	May cause drowsiness or dizziness.	
H340	May cause genetic defects.	
H341	Suspected of causing genetic defects.	
H350	May cause cancer.	
H360FD	May damage fertility. May damage the unborn child.	
H361d	Suspected of damaging the unborn child.	
H362	May cause harm to breast-fed children.	
H372	Causes damage to organs through prolonged or repeated exposure.	
H373	May cause damage to organs through prolonged or repeated exposure.	
H400	Very toxic to aquatic life.	
H410	Very toxic to aquatic life with long lasting effects.	
H411	Toxic to aquatic life with long lasting effects.	
H412	Harmful to aquatic life with long lasting effects.	
EUH066	Repeated exposure may cause skin dryness or cracking.	
The Market of Alexandrian Alexandrian		

Full text of classifications

SECTION 16: Other information

SECTION 16: Other Information		
Acute Tox. 2	ACUTE TOXICITY - Category 2	
Acute Tox. 3	ACUTE TOXICITY - Category 3	
Acute Tox. 4	ACUTE TOXICITY - Category 4	
Aquatic Acute 1	SHORT-TERM (ACUTE) AQUATIC HAZARD - Category 1	
Aquatic Chronic 1	LONG-TERM (CHRONIC) AQUATIC HAZARD - Category 1	
Aquatic Chronic 2	LONG-TERM (CHRONIC) AQUATIC HAZARD - Category 2	
Aquatic Chronic 3	LONG-TERM (CHRONIC) AQUATIC HAZARD - Category 3	
Asp. Tox. 1	ASPIRATION HAZARD - Category 1	
Carc. 1A	CARCINOGENICITY - Category 1A	
Carc. 1B	CARCINOGENICITY - Category 1B	
Eye Dam. 1	SERIOUS EYE DAMAGE/EYE IRRITATION - Category 1	
Eye Irrit. 2	SERIOUS EYE DAMAGE/EYE IRRITATION - Category 2	
Flam. Liq. 2	FLAMMABLE LIQUIDS - Category 2	
Flam. Liq. 3	FLAMMABLE LIQUIDS - Category 3	
Lact.	REPRODUCTIVE TOXICITY - Effects on or via lactation	
Muta. 1B	GERM CELL MUTAGENICITY - Category 1B	
Muta. 2	GERM CELL MUTAGENICITY - Category 2	
Repr. 1A	REPRODUCTIVE TOXICITY - Category 1A	
Repr. 2	REPRODUCTIVE TOXICITY - Category 2	
Skin Corr. 1B	SKIN CORROSION/IRRITATION - Category 1B	
Skin Irrit. 2	SKIN CORROSION/IRRITATION - Category 2	
Skin Sens. 1	SKIN SENSITISATION - Category 1	
STOT RE 1	SPECIFIC TARGET ORGAN TOXICITY - REPEATED EXPOSURE - 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 revision	: 06/03/2025	
Date of previous issue	: 23/02/2024	
Version	: 2	

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.

Date of issue/Date of revision TEKNOZINC 90 SE - All variants : 06/03/2025 Date of previous issue

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