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

SAFETY DATA SHEET



WOODEX EKO - All variants

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

1.1	Product	identifier

Product name : WOODEX EKO - 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

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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

 Emergency medical information: (seven days) contact National Poisons Information Centre, Beaumont Hospital, Dublin 9 DOV2NO, Ireland.
 Members of the public Number (8 am-10 pm): +353 (0)1 809 2166 Healthcare professional telephone Number (24hrs): +353 (0)1 809 2566

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]

Skin Sens. 1, H317 Aquatic Chronic 3, H412

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 Hazard statements	:	Warning H317 - May cause an allergic skin reaction. H412 - Harmful to aquatic life with long lasting effects.
Precautionary statements		
General	:	P102 - Keep out of reach of children.
Prevention		P280 - Wear protective gloves. P273 - Avoid release to the environment. P261 - Avoid breathing vapour.
Response	:	P362 + P364 - Take off contaminated clothing and wash it before reuse.
Storage	:	Not applicable.

SECTION 2: Hazards identification

SECTION 2. Hazarus	iC	IEIIIIIIGAIIUII
Disposal	:	P501 - Dispose of contents and container in accordance with all local, regional, national and international regulations.
Hazardous ingredients	:	Contains: 3-iodo-2-propynyl-butyl carbamate; neodecanoic acid, cobalt salt; 2,4,7,9-tetramethyl-5-decyne-4,7-diol and 4,5-dichloro-2-octyl-2H-isothiazol-3-one
Supplemental label elements	:	Contains biocidal products for dry film and in-can preservation: IPBC and DCOIT and EGForm and C(M)IT/MIT (3:1) and OIT. Risk of skin sensitisation.Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist. Safety data sheet available on request.
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	:	None known.

SECTION 3: Composition/information on ingredients

Product/ingredient name	Identifiers	%	Classification	Specific Conc. Limits, M-factors and ATEs	Туре
2-Butoxyethanol	REACH #: 01-2119475108-36 EC: 203-905-0 CAS: 111-76-2 Index: 603-014-00-0	≤5	Acute Tox. 4, H302 Acute Tox. 3, H331 Skin Irrit. 2, H315 Eye Irrit. 2, H319	ATE [Oral] = 1200 mg/kg ATE [Inhalation (vapours)] = 3 mg/l	[1] [2]
3-iodo-2-propynyl-butyl carbamate	EC: 259-627-5 CAS: 55406-53-6 Index: 616-212-00-7	≤0.23	Acute Tox. 4, H302 Acute Tox. 3, H331 Eye Dam. 1, H318 Skin Sens. 1, H317 STOT RE 1, H372 (larynx) Aquatic Acute 1, H400 Aquatic Chronic 1, H410	ATE [Oral] = 400 mg/kg ATE [Inhalation (dusts and mists)] = 0.67 mg/l M [Acute] = 10 M [Chronic] = 1	[1]
neodecanoic acid, cobalt salt	REACH #: 01-2119970733-31 EC: 248-373-0 CAS: 27253-31-2	≤0.3	Acute Tox. 4, H302 Skin Sens. 1, H317 STOT RE 1, H372 Aquatic Chronic 3, H412	ATE [Oral] = 500 mg/kg	[1] [2]
Ammonia	REACH #: 01-2119488876-14 EC: 215-647-6 CAS: 1336-21-6 Index: 007-001-01-2	≤0.3	Skin Corr. 1B, H314 Eye Dam. 1, H318 STOT SE 3, H335 Aquatic Acute 1, H400	STOT SE 3, H335: C ≥ 5% M [Acute] = 1	[1] [2]
2,4,7,9-tetramethyl- 5-decyne-4,7-diol	REACH #: 01-2119954390-39 EC: 204-809-1 CAS: 126-86-3	≤0.3	Eye Dam. 1, H318 Skin Sens. 1B, H317 Aquatic Chronic 3, H412	-	[1]
Neodecanoic acid, zinc salt,	REACH #:	≤0.3	Aquatic Acute 1, H400	M [Acute] = 1	[1]

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Label No : 115587

basic	01-2120770060-67 EC: 282-780-4 CAS: 84418-68-8		Aquatic Chronic 2, H411		
4,5-dichloro-2-octyl-2H- isothiazol-3-one	EC: 264-843-8 CAS: 64359-81-5 Index: 613-335-00-8	≤0.021	Acute Tox. 4, H302 Acute Tox. 2, H330 Skin Corr. 1, H314 Eye Dam. 1, H318 Skin Sens. 1A, H317 Aquatic Acute 1, H400 Aquatic Chronic 1, H410 EUH071	ATE [Oral] = 567 mg/kg ATE [Inhalation (dusts and mists)] = 0.16 mg/l Skin Corr. 1, H314: $C \ge 5\%$ Skin Irrit. 2, H315: 0.025% $\le C < 5\%$ Eye Dam. 1, H318: $C \ge 3\%$ Eye Irrit. 2, H319: 0.025% $\le C < 3\%$ Skin Sens. 1, H317: $C \ge 0.0015\%$ M [Acute] = 100 M [Chronic] = 100	[1]
1,2-benzisothiazol-3(2H)- one	EC: 220-120-9 CAS: 2634-33-5 Index: 613-088-00-6	<0.036	Acute Tox. 4, H302 Acute Tox. 2, H330 Skin Irrit. 2, H315 Eye Dam. 1, H318 Skin Sens. 1A, H317 Aquatic Acute 1, H400 Aquatic Chronic 1, H410	ATE [Oral] = 450 mg/kg ATE [Inhalation (dusts and mists)] = 0.21 mg/l Skin Sens. 1, H317: C $\ge 0.036\%$ M [Acute] = 1 M [Chronic] = 1	[1]
reaction mass of: 5-chloro- 2-methyl-4-isothiazolin- 3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol- 3-one [EC no. 220-239-6] (3:1)	EC: 911-418-6 CAS: 55965-84-9 Index: 613-167-00-5	<0.0015	Acute Tox. 3, H301 Acute Tox. 2, H310 Acute Tox. 2, H330 Skin Corr. 1C, H314 Eye Dam. 1, H318 Skin Sens. 1A, H317 Aquatic Acute 1, H400 Aquatic Chronic 1, H410 EUH071	ATE [Oral] = 53 mg/ kg ATE [Dermal] = 50 mg/kg ATE [Inhalation (vapours)] = 0.5 mg/l Skin Corr. 1C, H314: $C \ge 0.6\%$ Eye Dam. 1, H318: $C \ge 0.6\%$ Eye Irrit. 2, H319: $0.06\% \le C < 0.6\%$ Skin Sens. 1, H317: $C \ge 0.0015\%$ M [Acute] = 100 M [Chronic] = 100	[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. Contains: > 1 % TiO2

<u>Type</u>

[1] Substance classified with a health or environmental hazard

[2] Substance with a workplace exposure limit

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

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 if irritation occurs.			
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 if adverse health effects persist or are severe. 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 if adverse health effects persist or are severe. 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	: No specific data.
Inhalation	: No specific data.
Skin contact	: Adverse symptoms may include the following: irritation redness
Ingestion	: No specific data.
4.3 Indication of any in	nmediate medical attention and special treatment needed

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

5.1 Extinguishing media Suitable extinguishing media	: Use an extinguishing agent suitable for the surrounding fire.
Unsuitable extinguishing media	: None known.

5.2 Special hazards arising from the substance or mixture

Hazards from the substance or mixture
 In a fire or if heated, a pressure increase will occur and the container may burst. This material is harmful 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.

SECTION 5: Firefighting measures		
Hazardous combustion products	: Decomposition products may include the following materials: carbon dioxide carbon monoxide	
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.	
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. 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.
6.3 Methods and material for	со	ntainment and cleaning up
Small spill	:	Stop leak if without risk. Move containers from spill area. Absorb with an inert 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. 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 spill 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 ingest. Avoid breathing vapour or mist. Avoid release to the environment. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container. Risk of self-ignition of used cleaning rags, paper wipes etc. Contaminated materials should be soaked in water and placed in a closed metal container before disposal.
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SECTION 7: Handling and storage

Advice on ge	neral
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

To not store below the following temperature: 5°C (41°F). Store in accordance with local regulations. 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. 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.

7.3 Specific end use(s)

Recommendations	: Not available.
Industrial sector specific	: Not available.
solutions	

SECTION 8: Exposure controls/personal protection

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
2-Butoxyethanol	NAOSH (Ireland, 4/2024) Absorbed through skin. Notes: EU
	derived Occupational Exposure Limit Values
	OELV 8 hours: 20 ppm.
	OELV 8 hours: 98 mg/m ³ .
	OELV 15 minutes: 50 ppm.
	OELV 15 minutes: 246 mg/m ³ .
neodecanoic acid, cobalt salt	NAOSH (Ireland, 4/2024) [cobalt & cobalt compounds] Carc 1B,
	Repr 1B. Sensitiser. Notes: Advisory Occupational Exposure Limit
	Values (OELVs)
	OELV 8 hours: 0.02 mg/m ³ (as Co).
Ammonia	NAOSH (Ireland, 4/2024) [ammonia, anhydrous] Notes: EU
	derived Occupational Exposure Limit Values
	OELV 8 hours: 20 ppm.
	OELV 8 hours: 14 mg/m ³ .
	OELV 15 minutes: 50 ppm.
	OELV 15 minutes: 36 mg/m ³ .

Biological exposure indices

WOODEX EKO - All variants

Product/ingredient		Exposure indices				
2-Butoxyethanol			/ 2011) creatinine, BAA [in ui ossible after exposur		time:	end of
Recommended monitoring : procedures	European Sta assessment values and m atmospheres of exposure t (Workplace a for the measu	nould be made to moni- andard EN 689 (Workp of exposure by inhalati- neasurement strategy) - Guide for the applica- to chemical and biologi atmospheres - General urement of chemical ago or methods for the deter	lace atmospheres - (on to chemical agent European Standard tion and use of proce cal agents) Europea requirements for the gents) Reference to	Guidance for the s for compariso EN 14042 (Wor edures for the a in Standard EN performance o national guidan	e n with rkplac issess 482 of proc ce	e sment cedures
DNELs/DMELs						
ate of issue/Date of revision	: 17/04/2025	Date of previous issue	: 05/11/2024	Version	:7	6/21

Label No :115587

Product/ingredient name	Result
2-Butoxyethanol	DNEL - General population - Long term - Oral 6.3 mg/kg bw/day <u>Effects</u> : Systemic
	DNEL - General population - Short term - Oral 26.7 mg/kg bw/day <u>Effects</u> : Systemic
	DNEL - General population - Long term - Inhalation 59 mg/m ³ <u>Effects</u> : Systemic
	DNEL - Workers - Long term - Inhalation 98 mg/m ³ <u>Effects</u> : Systemic
	DNEL - General population - Short term - Inhalation 147 mg/m ³ <u>Effects</u> : Local
	DNEL - Workers - Short term - Inhalation 246 mg/m³ <u>Effects</u> : Local
	DNEL - General population - Short term - Inhalation 426 mg/m ³ <u>Effects</u> : Systemic
	DNEL - Workers - Short term - Inhalation 1091 mg/m ³ <u>Effects</u> : Systemic
3-iodo-2-propynyl-butyl carbamate	DNEL - Workers - Long term - Inhalation 0.023 mg/m ³ <u>Effects</u> : Systemic
	DNEL - Workers - Short term - Inhalation 0.07 mg/m ³ <u>Effects</u> : Systemic
	DNEL - Workers - Short term - Inhalation 1.16 mg/m³ <u>Effects</u> : Local
	DNEL - Workers - Long term - Inhalation 1.16 mg/m³ <u>Effects</u> : Local
	DNEL - Workers - Long term - Dermal 2 mg/kg bw/day <u>Effects</u> : Systemic
neodecanoic acid, cobalt salt	DNEL - General population - Long term - Oral 32 μg/kg bw/day <u>Effects</u> : Systemic
	DNEL - General population - Long term - Inhalation 43 μg/m³ <u>Effects</u> : Local
	DNEL - Workers - Long term - Inhalation 273.2 μg/m³ <u>Effects</u> : Local

ECTION 8: Exposure controls/pe	ersonal protection
2,4,7,9-tetramethyl-5-decyne-4,7-diol	DNEL - General population - Long term - Oral 0.29 mg/kg bw/day <u>Effects</u> : Systemic
	DNEL - General population - Long term - Dermal 0.29 mg/kg bw/day <u>Effects</u> : Systemic
	DNEL - General population - Long term - Inhalation 0.505 mg/m ³ <u>Effects</u> : Systemic
	DNEL - Workers - Long term - Dermal 0.812 mg/kg bw/day <u>Effects</u> : Systemic
	DNEL - Workers - Long term - Inhalation 2.86 mg/m ³ <u>Effects</u> : Systemic
1,2-benzisothiazol-3(2H)-one	DNEL - General population - Long term - Dermal 0.345 mg/kg bw/day <u>Effects</u> : Systemic
	DNEL - Workers - Long term - Dermal 0.966 mg/kg bw/day <u>Effects</u> : Systemic
	DNEL - General population - Long term - Inhalation 1.2 mg/m ³ <u>Effects</u> : Systemic
	DNEL - Workers - Long term - Inhalation 6.81 mg/m ³ <u>Effects</u> : Systemic
reaction mass of: 5-chloro-2-methyl- 4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1)	DNEL - General population - Long term - Inhalation 0.02 mg/m ³ <u>Effects</u> : Local
	DNEL - Workers - Long term - Inhalation 0.02 mg/m³ <u>Effects</u> : Local
	DNEL - General population - Short term - Inhalation 0.04 mg/m ³ Effects: Local
	DNEL - Workers - Short term - Inhalation 0.04 mg/m³ Effects: Local
	DNEL - General population - Long term - Oral 0.09 mg/kg bw/day <u>Effects</u> : Systemic
	DNEL - General population - Short term - Oral 0.11 mg/kg bw/day <u>Effects</u> : Systemic

PNECs

Not available.

SECTION 8: Exposure controls/personal protection

8.2 Exposure controls			
Appropriate engineering controls	: Good general ventilation should be sufficient to control worker exposure to airborne contaminants.		
Individual protection meas	<u>ires</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 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: safety glasses with side-shields.		
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.		
	> 8 hours (breakthrough time): Nitrile gloves. thickness > 0.3 mm		
	Not recommended polyvinyl alcohol (PVA) gloves		
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.		
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.		
Environmental experime	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.		
	and characterized when outline		

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.
Initial boiling point and boiling range	:

Ingredient name		°C	°F	Method	
water		100	212		
2-Butoxyethanol		171 to 171.5	339.8 to 340.7	IP 123-93	
Flammability	: N	ot available.	ł	l	
ower and upper explosion		ower: Not applicabl pper: Not applicabl			
Flash point	int : Closed cup: >100°C (>212°F)				
Auto-ignition temperature	:				
Ingredient name		°C	°F	Method	
2-Butoxyethanol		230	446	DIN 51794	
Decomposition temperature	: N	ot available.			
H	: 8	to 9			
/iscosity	: N	ot available.			
Solubility(ies)	:				
Not available.					
Solubility in water	: N	ot available.			
Partition coefficient: n-octanol/ water	: N	ot applicable.			

Vapour pressure

	V	Vapour Pressure at 20°C			Vapour pressure at 50		
Ingredient name	mm Hg	kPa	Method	mm Hg	kPa	Method	
water	17.5	2.3					
2-Butoxyethanol	0.75006	0.1					
Relative density	: Not	available.		ŀ			
Density	: 1 g	/cm³					
Vapour density	: Not available.						
Particle characteristics							
Median particle size	: Not	applicable.					
2 Other information							
9.2.1 Information with reg	ard to physic	cal hazard o	classes				
Explosive properties	: Not	available.					

Oxidising properties : Not available.

2

9.2.2 Other safety characteristics

Not applicable.

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	: No specific data.
10.5 Incompatible materials	: No specific data.

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

Regulation (EC) No 1272/2008
Result
Rat - Oral - LD50 400 mg/kg
Rat - Dermal - LD50 >2000 mg/kg
Rat - Inhalation - LC50 Dusts and mists 0.763 mg/l [4 hours]
Rat - Inhalation - LC50 Dusts and mists 0.67 g/m ³ [4 hours]
Rat - Oral - LD50 350 mg/kg <u>Toxic effects</u> : Gastrointestinal - Other changes Liver - Other changes Kidney, Ureter, and Bladder - Other changes
Rat - Oral - LD50 1585 mg/kg OECD [Acute Oral Toxicity]
Rabbit - Dermal - LD50 >652 mg/kg OECD [Acute Dermal Toxicity]
Rat - Male, Female - Inhalation - LC50 Dusts and mists 0.26 mg/l [4 hours] OECD [Acute Inhalation Toxicity]
Rat - Oral - LD50 1020 mg/kg
Rat - Oral - LD50 53 mg/kg <u>Toxic effects</u> : Behavioral - Somnolence (general depressed activity) Behavioral - Ataxia Lung, Thorax, or Respiration - Respiratory depression

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)
WOODEX EKO	37592.4	N/A	N/A	94.0	304.5
2-Butoxyethanol	1200	N/A	N/A	3	N/A
3-iodo-2-propynyl-butyl carbamate	400	N/A	N/A	N/A	0.67
neodecanoic acid, cobalt salt	500	N/A	N/A	N/A	N/A
4,5-dichloro-2-octyl-2H-isothiazol-3-one	567	N/A	N/A	N/A	0.16
1,2-benzisothiazol-3(2H)-one	450	N/A	N/A	N/A	0.21
reaction mass of: 5-chloro-2-methyl-4-isothiazolin- 3-one [EC no. 247-500-7] and 2-methyl-2H- isothiazol-3-one [EC no. 220-239-6] (3:1)	53	50	N/A	0.5	N/A

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SECTION 11: Toxicological information

Skin corrosion/irritation Product/ingredient name Result 2-Butoxyethanol Rabbit - Skin - Mild irritant Amount/concentration applied: 500 mg 2,4,7,9-tetramethyl-5-decyne-4,7-diol Rabbit - Skin - Mild irritant Amount/concentration applied: 0.5 gm 1,2-benzisothiazol-3(2H)-one Human - Skin - Mild irritant Duration of treatment/exposure: 48 hours Amount/concentration applied: 5 % reaction mass of: 5-chloro-2-methyl-Human - Skin - Severe irritant 4-isothiazolin-3-one [EC no. 247-500-7] and Amount/concentration applied: 0.01 % 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1) Conclusion/Summary [Product] : Not available. Serious eye damage/eye irritation Product/ingredient name Result 2-Butoxyethanol **Rabbit - Eyes - Moderate irritant** Duration of treatment/exposure: 24 hours Amount/concentration applied: 100 mg **Rabbit - Eyes - Severe irritant** Amount/concentration applied: 100 mg 3-iodo-2-propynyl-butyl carbamate **Rabbit - Eyes - Severe irritant** Ammonia **Rabbit - Eyes - Severe irritant** Amount/concentration applied: 250 ug **Rabbit - Eyes - Severe irritant** Amount/concentration applied: 44 ug Rabbit - Eyes - Severe irritant Duration of treatment/exposure: 0.5 minutes Amount/concentration applied: 1 mg **Rabbit - Eyes - Severe irritant** 2,4,7,9-tetramethyl-5-decyne-4,7-diol Amount/concentration applied: 0.1 MI **Conclusion/Summary** [Product] : Not available. **Respiratory corrosion/irritation** Not available. Conclusion/Summary [Product] : Not available. **Respiratory or skin sensitization Product/ingredient name** Result 3-iodo-2-propynyl-butyl carbamate Guinea pig - skin Result: Not sensitizing Skin **Conclusion/Summary [Product]** : Not available. Respiratory

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Conclusion/Summary [Product] : Not available.

Germ cell mutagenicity Product/ingredient name

3-iodo-2-propynyl-butyl carbamate

Result

In vitro - Bacteria Result: Negative

Conclusion/Summary [Product] : Not available.

Carcinogenicity

Not available.

Conclusion/Summary [Product] : Not available.

Reproductive toxicity

Product/ingredient name iodo-2-propynyl-butyl carbamate

Result

Rabbit - Female - Oral 50 mg/kg [7 days per week] [13 days] <u>Maternal toxicity</u>: Positive <u>Developmental</u>: Negative

Rabbit - Female - Oral 20 mg/kg [7 days per week] [13 days] <u>Maternal toxicity</u>: Negative <u>Developmental</u>: Negative

Conclusion/Summary [Product] : Not available.

Specific target organ toxicity (single exposure)

Product/ingredient name	Result
Ammonia	STOT SE 3, H335 (Respiratory tract irritation)

Specific target organ toxicity (repeated exposure)

Product/ingredient name	Result
3-iodo-2-propynyl-butyl carbamate	STOT RE 1, H372 (larynx)
neodecanoic acid, cobalt salt	STOT RE 1, H372

Aspiration hazard

Not available.

Information on likely routes of exposure

Not available.

Potential acute health effects

Eye contact	:	No known significant effects or critical hazards.
Inhalation	:	No known significant effects or critical hazards.
Skin contact	:	May cause an allergic skin reaction.
Ingestion	1	No known significant effects or critical hazards.
Symptoms related to the phy	/sic	al, chemical and toxicological characteristics
Eye contact	:	No specific data.
Inhalation	:	No specific data.
Skin contact		Adverse symptoms may include the following: irritation redness
Ingestion	:	No specific data.
Delayed and immediate effe	cts a	as well as chronic effects from short and long-term ext

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

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<u>Short term exposure</u>		
Potential immediate effects	t available.	
Potential delayed effects	t available.	
Long term exposure		
Potential immediate effects	t available.	
Potential delayed effects	t available.	
Potential chronic health effe		
Not available.		
Conclusion/Summary [Pro	: Not available.	
General	ce sensitized, a severe allergic reaction may occur when subsequent very low levels.	ly exposed
Carcinogenicity	known significant effects or critical hazards.	
Mutagenicity	known significant effects or critical hazards.	
Reproductive toxicity	known significant effects or critical hazards.	

11.2 Information on other hazards

11.2.1 Endocrine disrupting proper	ties
Not available.	
Conclusion/Summary [Product]	: Th dis

The product does not meet the criteria to be considered as having endocrine disrupting properties according to the criteria set out in either Regulation (EC) No. 1907/2006 or Regulation (EC) No 1272/2008.

11.2.2 Other information

Not available.

SECTION 12: Ecological information

12.1 Toxicity	
Product/ingredient name	Result
2-Butoxyethanol	Acute - LC50 - Marine water
	Fish - Inland silverside - <i>Menidia beryllina</i>
	<u>Size</u> : 40 to 100 mm
	1250000 μg/l [96 hours]
	<u>Effect</u> : Mortality
	Acute - LC50 - Marine water
	Crustaceans - Common shrimp, sand shrimp - Crangon
	crangon
	800000 μg/l [48 hours]
	Effect: Mortality
3-iodo-2-propynyl-butyl carbamate	Acute - LC50 - Fresh water
	EU
	Fish - Trout - Oncorhynchus mykiss
	0.067 mg/l [96 hours]
	Acute - NOEC - Fresh water
	EU
	Fish - Trout - Oncorhynchus mykiss
	0.049 mg/l [96 hours]
	Acute - EC50 - Fresh water
	EU
	Daphnia - Daphnia - <i>Daphnia magna</i>
	0.16 mg/l [48 hours]
	Chronic - NOEC - Fresh water
	EU
	Daphnia - Daphnia - <i>Daphnia Magna</i>
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 e - EC50 - Fresh water a - Algae - Scenedemus subspicatus mg/l [72 hours] e - LC50 - Fresh water Western mosquitofish - Gambusia affinis - Adult m [96 hours] t: Mortality <i>Cyprinus carpio</i> g/l [96 hours] nia - Daphnia magna g/l [48 hours] e - EC50 - Fresh water
 a - LC50 - Fresh water Western mosquitofish - <i>Gambusia affinis</i> - Adult m [96 hours] Mortality <i>Cyprinus carpio</i> g/I [96 hours] nia - <i>Daphnia magna</i> g/I [48 hours] a - EC50 - Fresh water
Cyprinus carpio g/I [96 hours] nia - <i>Daphnia magna</i> g/I [48 hours] e - EC50 - Fresh water
nia - <i>Daphnia magna</i> g/I [48 hours] ə - EC50 - Fresh water
e - Green algae - <i>Pseudokirchneriella subcapitata</i> mg/l [72 hours] ː: Population
e - EC50 - Fresh water nia - Water flea - <i>Daphnia magna</i> mg/l [48 hours] <u>t</u> : Intoxication
e - LC50 - Fresh water PA · Rainbow trout,donaldson trout - <i>Oncorhynchus myk</i> <u>ht</u> : 1.2 g ob [96 hours] <u>t</u> : Mortality
nic - NOEC PA · Rainbow trout,donaldson trout - <i>Oncorhynchus myk</i> opb [97 days] ː: Growth
nic - NOEC - Marine water Ο e - Diatom - <i>Nitzschia pungens</i> 9 μg/l [96 hours] t: Population
e - LC50 - Fresh water D [Fish, Acute Toxicity Test] - Trout - <i>Onorhynchus Mykiss</i> g/l [96 hours]
כם ו -

Acute - EC50 - Marine water OECD 201 [Alga, Growth Inhibition Test] Algae - Algae - *Skeletonema Costatum* 0.36 mg/l [72 hours]

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SECTION 12: Ecological information

Acute - NOEC - Marine water

OECD 201 [Alga, Growth Inhibition Test] Algae - Algae - *Skeletonema Costatum* 0.15 mg/l [72 hours]

Conclusion/Summary [Product] : Not available.

12.2 Persistence and degradability

Product/ingredient name

2-benzisothiazol-3(2H)-one

Result EU 24% [28 days]

Conclusion/Summary [Product] : Not available.

Product/ingredient name	Aquatic half-life	Photolysis	Biodegradability
Ĩodo-2-propynyl-butyl carbamate	-	-	Not readily
1,2-benzisothiazol-3(2H)-one	-	-	Inherent

12.3 Bioaccumulative potential

Product/ingredient name	LogPow	BCF	Potential
2-Butoxyethanol	0.81	-	Low
3-iodo-2-propynyl-butyl carbamate	>1	-	Low
neodecanoic acid, cobalt salt	-	15600	High
1,2-benzisothiazol-3(2H)-one	-	3.2	Low

12.4 Mobility in soil

Soil/water partition coefficient

Product/ingredient name	logKoc	Кос	
2-Butoxyethanol	1.83	67.3685	
3-iodo-2-propynyl-butyl carbamate	1.13	13.4558	
2,4,7,9-tetramethyl-5-decyne-4,7-diol	1.92	83.8929	
4,5-dichloro-2-octyl-2H-isothiazol-3-one	3.41	2562.01	
1,2-benzisothiazol-3(2H)-one	1.86	73.142	

Results of PMT and vPvM assessment

PMT	Р	M	т	vPvM	vP	٧M
No	No	No	No	No	No	No
No	No	No	No	No	No	No
No	No	No	No	No	No	No
No	No	No	No	No	No	No
No	No	No	No	No	No	No
No	No	No	No	No	No	No
No	No	No	No	No	No	No
No	No	No	No	No	No	No
No	No	No	No	No	No	No
	No No No No No No	No	No	No	No	No

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Conclusion/Summary

: The product does not meet the criteria to be considered as a PMT or vPvM.

SECTION 12: Ecological information

12.5 Results of PBT and vPvB assessment Regulation (EC) No. 1907/2006 [REACH]

Product/ingredient name	PBT	Р	В	Т	vPvB	vP	vB
2-Butoxyethanol	No	No	No	No	No	No	No
3-iodo-2-propynyl-butyl carbamate	No	No	No	No	No	No	No
neodecanoic acid, cobalt salt	No	No	No	No	No	No	No
Ammonia	No	No	No	No	No	No	No
2,4,7,9-tetramethyl- 5-decyne-4,7-diol	No	No	No	No	No	No	No
Neodecanoic acid, zinc salt, basic	No	No	No	No	No	No	No
4,5-dichloro-2-octyl-2H- isothiazol-3-one	No	No	No	No	No	No	No
1,2-benzisothiazol-3(2H)-one	No	No	No	No	No	No	No
reaction mass of: 5-chloro- 2-methyl-4-isothiazolin- 3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol- 3-one [EC no. 220-239-6] (3: 1)	No	No	No	No	No	No	No

Regulation (EC) No. 1272/2008 [CLP]

Product/ingredient name	PBT	Р	В	т	vPvB	vP	vB
2-Butoxyethanol	No	No	No	No	No	No	No
3-iodo-2-propynyl-butyl carbamate	No	No	No	No	No	No	No
neodecanoic acid, cobalt salt	No	No	No	No	No	No	No
Ammonia	No	No	No	No	No	No	No
2,4,7,9-tetramethyl- 5-decyne-4,7-diol	No	No	No	No	No	No	No
Neodecanoic acid, zinc salt, basic	No	No	No	No	No	No	No
4,5-dichloro-2-octyl-2H- isothiazol-3-one	No	No	No	No	No	No	No
1,2-benzisothiazol-3(2H)-one	No	No	No	No	No	No	No
reaction mass of: 5-chloro- 2-methyl-4-isothiazolin- 3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol- 3-one [EC no. 220-239-6] (3: 1)	No	No	No	No	No	No	No

Conclusion/Summary Regulation (EC) No. 1272/2008 [CLP] : The product does not meet the criteria to be considered as a PBT or vPvB.

12.6 Endocrine disrupting properties

Not available.

Conclusion/Summary [Product]

: The product does not meet the criteria to be considered as having endocrine disrupting properties according to the criteria set out in either Regulation (EC) No. 1907/2006 or Regulation (EC) No 1272/2008.

12.7 Other adverse effects

No known significant effects or critical hazards.

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SECTION 13: Disposal considerations

13.1 Waste treatment method	S	
<u>Product</u>		
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. Risk of self-ignition of used cleaning rags, paper wipes etc. Contaminated materials should be soaked in water and placed in a closed metal container before disposal.
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. Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers.

SECTION 14: Transport information

	•			
	ADR/RID	ADN	IMDG	ΙΑΤΑ
14.1 UN number or ID number	Not regulated.	Not regulated.	Not regulated.	Not regulated.
14.2 UN proper shipping name	-	-	-	-
14.3 Transport hazard class(es)	-	-	-	-
14.4 Packing group	-	-	-	-
14.5 Environmental hazards	No.	No.	No.	No.

user

14.6 Special precautions for : 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 instruments

: Not relevant/applicable due to nature of the product.

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.

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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]
	WOODEX EKO	≥90	3

Labelling ŝ **Other EU regulations Industrial emissions** : Not listed (integrated pollution prevention and control) -Air Industrial emissions : Not listed (integrated pollution prevention and control) -Water **Explosive precursors** : Not applicable. Ozone depleting substances (EU 2024/590) Not listed. Prior Informed Consent (PIC) (649/2012/EU) Not listed. **Persistent Organic Pollutants** Not listed. **Seveso Directive** This product is not controlled under the Seveso Directive. International regulations **Chemical Weapon Convention 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	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

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SECTION 16: Other information

vPvB = Very Persistent and Very Bioaccumulative

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

Classification	Justification	
Skin Sens. 1, H317	Calculation method	
Aquatic Chronic 3, H412	Calculation method	

Full text of abbreviated H statements

H 301	Toxic if swallowed.	
H302	Harmful if swallowed.	
H310	Fatal 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.	
H331	Toxic if inhaled.	
H335	May cause respiratory irritation.	
H372	Causes 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.	
EUH071	Corrosive to the respiratory tract.	

Full text of classifications [CLP/GHS]

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
Eye Dam. 1	SERIOUS EYE DAMAGE/EYE IRRITATION - Category 1
Eye Irrit. 2	SERIOUS EYE DAMAGE/EYE IRRITATION - Category 2
Skin Corr. 1	SKIN CORROSION/IRRITATION - Category 1
Skin Corr. 1B	SKIN CORROSION/IRRITATION - Category 1B
Skin Corr. 1C	SKIN CORROSION/IRRITATION - Category 1C
Skin Irrit. 2	SKIN CORROSION/IRRITATION - Category 2
Skin Sens. 1	SKIN SENSITISATION - Category 1
Skin Sens. 1A	SKIN SENSITISATION - Category 1A
Skin Sens. 1B	SKIN SENSITISATION - Category 1B
STOT RE 1	SPECIFIC TARGET ORGAN TOXICITY - REPEATED EXPOSURE - Category 1
STOT SE 3	SPECIFIC TARGET ORGAN TOXICITY - SINGLE EXPOSURE - Category 3
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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.

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