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Safety data sheet

	according to 1907/2006/EC, Article 31	
Printing date 03.08.2023	Version number 6 (replaces version 5)	Revision: 03.08.2023
SECTION 1: Identification of the	substance/mixture and of the company/undertaking	I
· <u>1.1 Product identifier</u> · <u>Trade name:</u>	Akepox 5010 Component A	
· <u>Article number:</u> · UFI:	11637, 11638, 22912, 10684A, 10687A, 10685A, 1 11561A, 11562A, 11563A, 11564A, 11565A, 11566A, 11570A, 11724, 10325A AFNM-QHHN-8218-FWAD	
• 1.2 Relevant identified uses of the substance or mixture and uses advised against • Application of the substance / the	No further relevant information available.	
mixture	Epoxy resin adhesive	
 <u>1.3 Details of the supplier of the</u> Manufacturer/Supplier: 	<u>safety data sheet</u> AKEMI chemisch technische Spezialfabrik GmbH Lechstrasse 28 D 90451 Nürnberg	Tel. +49(0)911-642960 Fax. +49(0)911-644456 e-mail info@akemi.de
Further information obtainable from:	Laboratory	
• <u>1.4 Emergency telephone</u> number:	Product Safety Department AKEMI chemisch technisc Tel. +49(0)911-64296-59 Reachable during the following office hours: Monday – Thursday from 07:30 a.m. to 16:30 p.m. Friday from 07:30 a.m. to 13:30 p.m.	he Spezialfabrik GmbH
SECTION 2: Hazards identification	on	
 <u>2.1 Classification of the substan</u> <u>Classification according to Regulat</u> 		
Skin Irrit. 2 H315 Causes s		
-	erious eye irritation.	
	e an allergic skin reaction.	
Aquatic Chronic 2 H411 Toxic to a · <u>Response:</u>	Aquatic life with long lasting effects. IF ON SKIN (or hair): Take off immediately all contam with water [or shower]. IF IN EYES: Rinse cautiously with water for several lenses, if present and easy to do. Continue rinsing. IF INHALED: Remove person to fresh air and keep con Call a POISON CENTER/doctor if you feel unwell.	minutes. Remove contact
· <u>Storage:</u>	Store in a well-ventilated place. Keep container tightly	closed.
 <u>2.2 Label elements</u> <u>Labelling according to Regulation</u> (EC) No 1272/2008 <u>Hazard pictograms</u> 	The product is classified and labelled according to the GHS07 GHS09	CLP regulation.
· Signal word	Warning	
 Hazard-determining components of labelling: Hazard statements 	-	
		(Contd. on page 2)



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· Precautionary statements	P101	(Contd. of page 1) If medical advice is needed, have product container or label at hand.
	P102	Keep out of reach of children.
	P103	Read carefully and follow all instructions.
	P261	Avoid breathing vapours.
	P273	Avoid release to the environment.
	P280	Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.
	P302+P352	IF ON SKIN: Wash with plenty of water.
	P305+P351+P3	38 IF IN EYES: Rinse cautiously with water for several minutes.
		Remove contact lenses, if present and easy to do. Continue rinsing.
	P333+P313	If skin irritation or rash occurs: Get medical advice/attention.
	P337+P313	If eye irritation persists: Get medical advice/attention.
	P501	Dispose of contents/container in accordance with local/ regional/national/international regulations.
 2.3 Other hazards 		0
· Results of PBT and vPvB asses	sment	
· PBT:	Not applicable.	
$\cdot \overline{VPvB}$:	Not applicable.	
 Determination of endocrine- 		
disrupting properties	For information	on endocrine disrupting properties see section 11.

SECTION 3: Composition/information on ingredients

· 3.2 Mixtures

· Description:	Mixture of substances listed below with nonhazardous additions.	
· Dangerous components:		
CAS: 1675-54-3 EINECS: 216-823-5 Index number: 603-073-00-2 Reg.nr.: 01-2119456619-26-xxxx	bis[4-(2,3-epoxypropoxy)phenyl]propane Aquatic Chronic 2, H411 Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1, H317 EUH205 Specific concentration limits: Eye Irrit. 2; H319: $C \ge 5$ % Skin Irrit. 2; H315: $C \ge 5$ %	50-100%
CAS: 14228-73-0 EINECS: 238-098-4 Reg.nr.: 01-2120068066-56-xxxx	Cyclohexanedimethanol diglycidyl ether Acute Tox. 4, H302; Skin Irrit. 2, H315; Skin Sens. 1, H317 Aquatic Chronic 3, H412 EUH205	12.5-25%
CAS: 2530-83-8 EINECS: 219-784-2 Reg.nr.: 01-2119513212-58	[3-(2,3-epoxypropoxy)propyl]trimethoxysilane Eye Dam. 1, H318	1-5%
· Additional information:	For the wording of the listed hazard phrases refer to section 16.	•

SECTION 4: First aid measures

· 4.1 Description of first aid	measures
· General information:	Take affected persons out into the fresh air.
	Position and transport stably in side position.
	Immediately remove any clothing soiled by the product.
 After inhalation: 	Supply fresh air and to be sure call for a doctor.
	In case of unconsciousness place patient stably in side position for transportation.
· After skin contact:	If skin irritation continues, consult a doctor.
	Immediately wash with water and soap and rinse thoroughly.
· <u>After eye contact:</u>	Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
	(Contd. on page 2)



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• After swallowing: • 4.2 Most important symptoms	(Contd. of page 2) Rinse out mouth and then drink plenty of water.
and effects, both acute and delayed	Breathing difficulty
	Coughing
·Hazards	Allergic reactions Danger of impaired breathing.
4.3 Indication of any immediate	5 1 5
medical attention and special treatment needed	If swallowed, gastric irrigation with added, activated carbon.
<u>iteatment heeded</u>	n swallowed, gastric inigation with added, activated carbon.
SECTION 5: Firefighting measure	es
[·] 5.1 Extinguishing media	
· Suitable extinguishing agents:	CO2, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
5.2 Special hazards arising from	
the substance or mixture	Formation of toxic gases is possible during heating or in case of fire. In case of fire, the following can be released:
	Carbon monoxide (CO)
	Under certain fire conditions, traces of other toxic gases cannot be excluded.
• 5.3 Advice for firefighters • Protective equipment:	Wear fully protective suit.
Flotective equipment.	Wear self-contained respiratory protective device.
	Do not inhale explosion gases or combustion gases.
· Additional information	Collect contaminated fire fighting water separately. It must not enter the sewage system.
	Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.

SECTION 6: Accidental release measures

<u>6.1 Personal precautions</u> ,	
protective equipment and	
emergency procedures	Ensure adequate ventilation
	Use respiratory protective device against the effects of fumes/dust/aerosol.
6.2 Environmental precautions:	Do not allow to penetrate the ground/soil.
	Do not allow product to reach sewage system or any water course.
	Inform respective authorities in case of seepage into water course or sewage
	system.
	Do not allow to enter sewers/ surface or ground water.
6.3 Methods and material for	
containment and cleaning up:	Dispose of the material collected according to regulations.
	Absorb with liquid-binding material (sand, diatomite, acid binders, universal
	binders, sawdust).
	Ensure adequate ventilation.
6.4 Reference to other sections	See Section 7 for information on safe handling.
	See Section 8 for information on personal protection equipment.
	See Section 13 for disposal information.

SECTION 7: Handling and storage

7.1 Precautions for safe	
handling	Keep receptacles tightly sealed.
	Store in cool, dry place in tightly closed receptacles.



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Information about fire - and explosion protection: No special measures required. 7.2 Conditions for safe storage, including any incompatibilities Storage: Requirements to be met by storerooms and receptacles: Store only in the original receptacle. Prevent any seepage into the ground. Information about storage in one common storage facility: Further information about storage conditions: Store receptacle in a well ventilated area. Keep container tightly sealed. Storage class: 12 No further relevant information available.		Use only in well ventilated areas. Ensure good ventilation/exhaustion at the workplace.	(Contd. of page 3)
• 7.2 Conditions for safe storage, including any incompatibilities • Storage: • Requirements to be met by storerooms and receptacles: • Information about storage in one common storage facility: • Further information about storage conditions: • Store conditions: • Storage class:		No special measures required	
 Storage: Requirements to be met by storerooms and receptacles: Information about storage in one common storage facility: Further information about storage conditions: Store away from reducing agents. Further information about storage conditions: Store receptacle in a well ventilated area. Keep container tightly sealed. Storage class: 			
 Requirements to be met by storerooms and receptacles: Information about storage in one common storage facility: Further information about storage conditions: Store away from reducing agents. Store receptacle in a well ventilated area. Keep container tightly sealed. Storage class: 		including any incompatibilities	
Information about storage in one common storage facility: Prevent any seepage into the ground. Further information about storage conditions: Store away from reducing agents. Store conditions: Store receptacle in a well ventilated area. Keep container tightly sealed. Storage class: 12			
 Information about storage in one common storage facility: Further information about storage conditions: Store receptacle in a well ventilated area. Keep container tightly sealed. Storage class: 12 	storerooms and receptacles:	Store only in the original receptacle.	
common storage facility: Store away from reducing agents. Further information about storage Store receptacle in a well ventilated area. conditions: Store receptacle in a well ventilated area. · Storage class: 12		Prevent any seepage into the ground.	
Further information about storage conditions: Store receptacle in a well ventilated area. Keep container tightly sealed. 12	<u>0</u>		
conditions: Store receptacle in a well ventilated area. Keep container tightly sealed. 12		Store away from reducing agents.	
Storage class: 12	0		
· <u>Storage class:</u> 12	conditions:		
	Otomo na jalana		
• 7.3 Specific end use(s) No further relevant information available.	V	•=	
	• 7.3 Specific end use(s)	No further relevant information available.	

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

· Ingredients with limit values that require monitoring at the workplace:

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

· DNELs		
1675-54-3 bis[4-(2,3-epoxypropoxy)phenyl]propane		
Oral	DNEL (Kurzzeit-akut)	0.5 mg/kg bw/day (BEV)
	DNEL (Langzeit-wiederholt)	0.5 mg/kg bw/day (BEV)
Dermal	DNEL (Kurzzeit-akut)	8.33 mg/kg bw/day (ARB)
		3.571 mg/kg bw/day (BEV)
	DNEL (Langzeit-wiederholt)	0.75 mg/kg bw/day (ARB)
		0.0893 mg/kg bw/day (BEV)
Inhalative	DNEL (Kurzzeit-akut)	12.25 mg/m³ Air (ARB)
	DNEL (Langzeit-wiederholt)	4.93 mg/m³ Air (ARB)
		0.87 mg/m³ Air (BEV)
14228-73-	0 Cyclohexanedimethanol o	liglycidyl ether
Oral	DNEL (Langzeit-wiederholt)	0.5 mg/kg bw/day (BEV)
Dermal	DNEL (Langzeit-wiederholt)	1 mg/kg bw/day (ARB)
		0.5 mg/kg bw/day (BEV)
Inhalative	DNEL (Langzeit-wiederholt)	3.52 mg/m³ Air (ARB)
		0.86 mg/m³ Air (BEV)
2530-83-8 [3-(2,3-epoxypropoxy)propyl]trimethoxysilane		
Oral	DNEL (Langzeit-wiederholt)	12.5 mg/kg bw/day (BEV)
Dermal	DNEL (Kurzzeit-akut)	21 mg/kg bw/day (ARB)
		12.5 mg/kg bw/day (BEV)
	DNEL (Langzeit-wiederholt)	21 mg/kg bw/day (ARB)
		5 mg/kg bw/day (BEV)
Inhalative	DNEL (Kurzzeit-akut)	147 mg/m³ Air (ARB)
		43.5 mg/m³ Air (BEV)
		(Contd. on page 5



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Filter A/P2 In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device. · Hand protection Preventive skin protection by use of skin-protecting agents is recommended. After use of gloves apply skin-cleaning agents and skin cosmetics.

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Material of aloved

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Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

Skin protection agent recommendation for preventive skin shelter in application and combination of protective gloves:

STOKO EMULSION (http://www.stoko.com)

Skin protection recommendation for skin cleaning after product handling:

Kresto Classic (http://debstoko.com)

Skin protection agent recommendation for skin aftercare:

STOKO VITAN (http://www.stoko.com)

The protection gloves to be used have to comply with the specifications of the directive 89/686/EC and the directive derived decree EN374, respectively, e.g. the above listed protection glove type. The mentioned permeation times' data were generated and verified with material samples of the recommended protection glove type in the scope of laboratory anylyses of the company KCL GmbH in compliance with EN374.

This recommendation refers exclusively to the material safety data sheet referenced product delivered by Akemi and the indicated field of application. In case of product dilution or in case of mixture with different substances or chemicals, and in condition of EN374 deviation the producer of CE-approved protection gloves must be contacted for detailed information (e.g., KCL GmbH, Germany, 36124 Eichenzell, internet: http://www.kcl.de).

· waterial of gloves	Bulyi lubbel, BR
	Fluorocarbon rubber (Viton)
	The selection of the suitable gloves does not only depend on the material, but
	also on further marks of quality and varies from manufacturer to manufacturer.
	As the product is a preparation of several substances, the resistance of the glove
	material can not be calculated in advance and has therefore to be checked prior
	to the application.
· Penetration time of glove material	Value for the permeation: Level \leq 6, 480 min
¥	The exact break trough time has to be found out by the manufacturer of the
	protective gloves and has to be observed.
· For the permanent contact gloves	protective gioves and has to be observed.
made of the following materials are	
suitable:	Butyl rubber, BR
	Butoject (KCL, Art_No. 897, 898)
	Fluorocarbon rubber (Viton)
	Vitoject (KCL, Art No. 890)
· As protection from splashes gloves	, , , , , , , , , , , , , , , , , , , ,
made of the following materials are	
suitable:	Nitrile rubber, NBR
	Dermatril (KCL, Art_No. 740, 741, 742)
	Chloroprene rubber, CR
	Camapren (KCL, Art_No. 720, 722, 726)
· Not suitable are gloves made of	/
the following materials:	Leather gloves
	Strong material gloves

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•	-	
· Eye/face protection	Tightly sealed goggles	(Contd. of page 6)
· Body protection:	Protective work clothing	
SECTION 9: Physical and	I chemical properties	
• 9.1 Information on basic • General Information	physical and chemical properties	
Colour:	Colourloss	

 General Information Colour: Odour: Melting point/freezing point: Boiling point or initial boiling point and boiling range Flash point: pH 	Colourless Characteristic Undetermined. Undetermined. Not applicable. Not determined. Not applicable
· <u>Viscosity:</u> · Kinematic viscosity	Not determined.
· Dynamic:	Not determined.
· <u>Solubility</u> · water:	Not miscible or difficult to mix.
· Vapour pressure at 20 °C:	2 hPa
· Density and/or relative density	
· Density at 20 °C:	1.17 g/cm ³
• 9.2 Other information	
· <u>Appearance:</u>	Deetu
· <u>Form:</u> ·Important information on protection of health a	Pasty nd
environment, and on safety.	
Ignition temperature:	Product is not selfigniting.
· Explosive properties:	Product does not present an explosion hazard.
· Solvent separation test:	Not applicable
· Solvent content:	
· Solids content:	6.9 %
 Information with regard to physical hazard classes 	
·Explosives	Void
Flammable gases	Void
· Aerosols	Void
Oxidising gases	Void
Gases under pressure	Void
· Flammable liquids	Void
· Flammable solids	Void
 Self-reactive substances and mixtures Pyrophoric liquids 	Void Void
· Pyrophoric solids	Void
· Self-heating substances and mixtures	Void
· Substances and mixtures, which emit flammable gases	
contact with water	Void
· Oxidising liquids	Void
· Oxidising solids	Void
· Organic peroxides	Void
Corrosive to metals	Void
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(Contd. of page 7) Void · Desensitised explosives SECTION 10: Stability and reactivity No further relevant information available. 10.1 Reactivity · 10.2 Chemical stability · Thermal decomposition / conditions to be avoided: No decomposition if used and stored according to specifications. · 10.3 Possibility of hazardous May produce violent reactions with bases and numerous organic substances reactions including alcohols and amines. Strong exothermic reaction with acids. Reacts with reducing agents. No further relevant information available. · 10.4 Conditions to avoid No further relevant information available. 10.5 Incompatible materials: · 10.6 Hazardous decomposition products: Irritant gases/vapours **SECTION 11: Toxicological information** 11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008 Based on available data, the classification criteria are not met. Acute toxicity LD/LC50 values relevant for classification: ATE (Acute Toxicity Estimates) Oral LD50 5,984 mg/kg (rat) 1675-54-3 bis[4-(2,3-epoxypropoxy)phenyl]propane Oral LD50 >2,000 mg/kg (rat) (OECD 420) >2,000 mg/kg (rabbit) (OECD 402) Dermal LD50 14228-73-0 Cyclohexanedimethanol diglycidyl ether Oral LD50 1,098 mg/kg (rat) Dermal LD50 >2,000 mg/kg (rabbit) 2530-83-8 [3-(2,3-epoxypropoxy)propyl]trimethoxysilane 8,025 mg/kg (rat) (OECD 401) Oral LD50 NOAEL-Werte ≥5 mg/kg (mouse) 200 mg/kg (rabbit) (OECD 414) 500 mg/kg (rat) (OECD 415) LD50 4,250 mg/kg (rabbit) (OECD 402) Dermal Inhalative LC50/4 h >5.3 mg/l (rat) (OECD 403) NOAEC 0.225 mg/l (rat) (OECD 412) · Skin corrosion/irritation Causes skin irritation. · Serious eye damage/irritation Causes serious eye irritation. May cause an allergic skin reaction. Respiratory or skin sensitisation · Germ cell mutagenicity Based on available data, the classification criteria are not met. · Carcinogenicity Based on available data, the classification criteria are not met. · Reproductive toxicity Based on available data, the classification criteria are not met. Based on available data, the classification criteria are not met. STOT-single exposure · STOT-repeated exposure Based on available data, the classification criteria are not met. Aspiration hazard Based on available data, the classification criteria are not met. (Contd. on page 9)



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· 11.2 Information on other hazards

Endocrine disrupting properties
 None of the ingredients is listed.

SECTION 12: Ecological information

· 12.1 Toxici					
· Aquatic tox	-				
	bis[4-(2,3-epoxypropoxy)phenyl]propane				
IC50	>100 mg/l (BES)				
EC10/16h	100 mg/l (pseudomonas putida)				
	1.8 mg/l (daphnia magna)				
	0.3 mg/l (daphnia magna)				
EC50/72h	11 mg/l (selenastrum capricornutum)				
LC50/96h	2 mg/l (Oncorhynchus mykiss)				
14228-73-0	14228-73-0 Cyclohexanedimethanol diglycidyl ether				
EC50/48h	16.3 mg/l (daphnia magna)				
LC0/96h	10 mg/l (piscis)				
EC50/72h	36.6 mg/l (Pseudokirchneriella subcapitata)				
LC50/96h	13 mg/l (piscis)				
	10.1 mg/l (Oncorhynchus mykiss)				
2530-83-8	[3-(2,3-epoxypropoxy)propyl]trimethoxysilane				
EC50/96h	350 mg/l (Pseudokirchneriella subcapitata) (OECD 201)				
	>100 mg/l (salmon)				
EC50	119 mg/l (algae)				
IC50	255 mg/l (Scenedesmus subspicatus)				
EC50/48h	324 mg/l (daphnia magna)				
EC10/5h	1,500 mg/l (pseudomonas putida)				
ErC50/72h	350 mg/l (Selenastrum capricornutum)				
ECO/96h	44 mg/l (Cyprinus carpio)				
NOEC	>100 mg/kg (Klärschlamm: Atmungs-/Vermehrungshemmung) (OECD 209)				
NOEC/21d	≥100 mg/l (daphnia magna) (OECD 211)				
EC50/48h	324-710 mg/l (daphnia magna) (OECD 202)				
EC50/72h	255 mg/l (Scenedesmus subspicatus)				
LC50/96h	55 mg/l (Cyprinus carpio) (OECD 203)				
	276 mg/l (lem)				
	237 mg/l (Oncorhynchus mykiss)				
12.2 Persis					
degradabil					
12.3 Bloac	cumulative potential No further relevant information available. ity in soil No further relevant information available.				
	ts of PBT and vPvB assessment				
· PBT:	Not applicable.				
$\cdot \underline{vPvB}$	Not applicable.				
properties	<u>crine disrupting</u> The product does not contain substances with endocrine disrupting properties.				
	adverse effects				
· Remark:	Toxic for fish				
	(Contd. on page 10)				



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Printing date 03.08.2023 Version number 6 (replaces version 5) Revision: 03.08.2023 Trade name: Akepox 5010 Component A (Contd. of page 9) Additional ecological information: · General notes: Toxic for aquatic organisms Do not allow product to reach ground water, water course or sewage system. Also poisonous for fish and plankton in water bodies. Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water **SECTION 13: Disposal considerations** · 13.1 Waste treatment methods · Recommendation Must not be disposed together with household garbage. Do not allow product to reach sewage system. · European waste catalogue 20 00 00 MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS 20 01 00 separately collected fractions (except 15 01) 20 01 27* paint, inks, adhesives and resins containing hazardous substances Uncleaned packaging: Empty contaminated packagings thoroughly. They may be recycled after Recommendation: thorough and proper cleaning. **SECTION 14: Transport information** · 14.1 UN number or ID number · ADR, IMDG, IATA UN3082 14.2 UN proper shipping name · ADR 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (bis[4-(2,3-epoxypropoxy)phenyl]propane) IMDG ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (bis[4-(2,3-epoxypropoxy)phenyl]propane), MARINE POLLUTANT ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, \cdot IATA N.O.S. (bis[4-(2,3-epoxypropoxy)phenyl]propane) 14.3 Transport hazard class(es) ADR 9 (M6) Miscellaneous dangerous substances and articles. Class · Label q IMDG, IATA Class 9 Miscellaneous dangerous substances and articles. Label 9



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· <u>14.4 Packing group</u> · <u>ADR, IMDG, IATA</u>	III
<u>14.5 Environmental hazards:</u> <u>Marine pollutant:</u> Special marking (ADD):	Yes Symbol (fish and tree) Symbol (fish and tree)
 Special marking (ADR): Special marking (IATA): 	Symbol (fish and tree)
 • 14.6 Special precautions for user • Hazard identification number (Kemler code): • EMS Number: • Stowage Category 	Warning: Miscellaneous dangerous substances and articles. 90 F-A,S-F A
• 14.7 Maritime transport in bulk according to I	
· Transport/Additional information:	Not applicable.
 ADR Limited quantities (LQ) Excepted quantities (EQ) 	5L Code: E1 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 1000 ml
· <u>Transport category</u> · <u>Tunnel restriction code</u>	3 (-)
 IMDG Limited quantities (LQ) Excepted quantities (EQ) 	5L Code: E1 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 1000 ml
· UN "Model Regulation":	UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (BIS[4-(2,3-EPOXYPROPOXY)PHENYL] PROPANE), 9, III

SECTION 15: Regulatory information

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

 Directive 2012/18/EU Named dangerous substances - ANNEX I Seveso category Qualifying quantity (tonnes) for the 	None of the ingredients is listed. E2 Hazardous to the Aquatic Environment			
application of lower-tier				
requirements	200 t			
Qualifying quantity (tonnes) for the				
application of upper-tier				
requirements	500 t			
 <u>REGULATION (EC) No 1907/2006</u> 				
ANNEX XVII	Conditions of restriction: 3			
· DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic				
equipment – Annex II				
None of the ingredients is listed.				
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- EU



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Safety data sheet

according to 1907/2006/EC, Article 31

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Trade name: Akepox 5010 Component A

· REGULATION (EU) 2019/1148

• <u>REGULATION (EU) 2019/1148</u>				
 Annex I - RESTRICTED EXPLOSI 	VES PRECURSORS (Upper limit value for the purpose of licensing under Article			
5(3))				
None of the ingredients is listed.				
· Annex II - REPORTABLE EXPLOSIVES PRECURSORS				
None of the ingredients is listed.				
· Regulation (EC) No 273/2004 on drug precursors				
None of the ingredients is listed.				
· Regulation (EC) No 111/2005 laying down rules for the monitoring of trade between the Community and third				
countries in drug precursors				
None of the ingredients is listed.				
· National regulations:				
· Information about limitation of use:	Employment restrictions concerning juveniles must be observed.			
	Employment restrictions concerning pregnant and lactating women must be observed.			
· Waterhazard class:	Water hazard class 2 (Self-assessment): hazardous for water.			
· Substances of very high concern (SVHC) according to REACH, Article 57				
None of the ingredients is listed.				
· VOC EU	0.0 g/l			
<u>15.2 Chemical safety</u>				
<u>assessment:</u>	A Chemical Safety Assessment has not been carried out.			

SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship. This Safety Data Sheets is in compliance with Regulation (EC) No 1907/2006, Article 31 as amended by Regulation (EU) 2020/878.

- Department issuing SDS: • Date of previous version:
- Laboratory 06.06.2023

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· Version number of previous version:

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· Abbreviations and acronyms:	RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail) ICAO: International Civil Aviation Organisation
	ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road) IMDG: International Maritime Code for Dangerous Goods
	IATA: International Air Transport Association
	GHS: Globally Harmonised System of Classification and Labelling of Chemicals
	EINECS: European Inventory of Existing Commercial Chemical Substances
	ELINCS: European List of Notified Chemical Substances
	CAS: Chemical Abstracts Service (division of the American Chemical Society)
	DNEL: Derived No-Effect Level (REACH)
	PNEC: Predicted No-Effect Concentration (REACH)
	LC50: Lethal concentration, 50 percent
	LD50: Lethal dose, 50 percent
	PBT: Persistent, Bioaccumulative and Toxic
	SVHC: Substances of Very High Concern
	vPvB: very Persistent and very Bioaccumulative
	Acute Tox. 4: Acute toxicity – Category 4
	Skin Irrit. 2: Skin corrosion/irritation – Category 2 Eye Dam. 1: Serious eye damage/eye irritation – Category 1
	Eye Irrit. 2: Serious eye damage/eye irritation – Category 2
	Skin Sens. 1: Skin sensitisation – Category 1
	Aquatic Chronic 2: Hazardous to the aquatic environment - long-term aquatic hazard – Category 2
	Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3