

Reviewed on 01/21/2014

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1 Identification				
· Product identifier				
• Trade name:	Akepox 5010 Component B			
<ul> <li><u>Article number:</u></li> <li><u>Relevant identified uses of the</u> substance or mixture and uses advised against</li> <li>Application of the substance / the</li> </ul>	10685, 10686, 10684, 10687 No further relevant information available.			
mixture	Epoxy resin adhesive Hardening agent/ Curing agent			
<ul> <li>Details of the supplier of the saf</li> <li>Manufacturer/Supplier:</li> </ul>	ety data sheet 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		
<ul> <li>Information department:</li> <li>Emergency telephone number:</li> </ul>	Laboratory Product Safety Department AKEMI chemisch technis 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.	sche Spezialfabrik GmbH		
2 Hazard(s) identification				
· Classification of the substance	or mixture			
GHS05 Corrosion Skin Corr. 1B H314 Causes severe skin burns and eye damage.				
GHS07				
Acute Tox. 4 H302 Harmful if sw	vallowed.			
Acute Tox. 4 H312 Harmful in co	ontact with skin.			
Skin Sens. 1 H317 May cause a · <u>Response:</u>	n allergic skin reaction. IF ON SKIN (or hair): Remove/Take off immediate Rinse skin with water/shower. IF IN EYES: Rinse cautiously with water for sever- lenses, if present and easy to do. Continue rinsing. IF INHALED: Remove victim to fresh air and comfortable for breathing. Call a POISON CENTER or doctor/physician if you f	al minutes. Remove contact keep at rest in a position		
· <u>Storage:</u>	Store locked up. Store in a well-ventilated place. Keep container tight	ly closed.		
Classification according to Directive 67/548/EEC or Directive 1999/45/EC     Corrosive     Causes burns.				
Harmful				
Harmful in contact with skin and if swallowed.				
May cause sensitization by skin co	May cause sensitization by skin contact.			

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Trade name: Akepox 5010 Component B				
Information concerning particular		(Contd. of page 1)		
hazards for human and environment:	Contact with skin and inhalation of aerosols/ vapours of the preparation sh be avoided. Acid burns have to treated immediately, as it may otherwise cause badly cu			
	wounds. The product has to be labelled due to the calculation procedure of the "General			
Classification system:	Classification guideline for preparations of the EU" in the latest valid version. The classification was made according to the latest editions of international substances lists, and expanded upon from company and literature data.			
<ul> <li><u>Label elements</u></li> <li><u>GHS label elements</u></li> </ul>	The product is c System (GHS).	lassified and labeled according to the Globally Harmonized		
Hazard pictograms				
	GHS05 GHS07			
<ul> <li>Signal word</li> </ul>	Danger			
Hazard-determining components     of labeling:	cycloaliphatic poly Benzyl alcohol	/amines		
Hazard statements	H302+H312 Harn H314 Caus	nful if swallowed or in contact with skin. ses severe skin burns and eye damage.		
· Precautionary statements	H317 May P101	cause an allergic skin reaction. If medical advice is needed, have product container or label at hand.		
	P102 P103 P260	Keep out of reach of children. Read label before use.		
	P271 P280	Do not breathe vapours. Use only outdoors or in a well-ventilated area. Wear protective gloves/protective clothing/eye protection/face		
	P303+P361+P35	protection. 3 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.		
	P305+P351+P33	8 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.		
	P312	Call a POISON CENTER or doctor/physician if you feel unwell.		
	P333+P313 P301+P312	If skin irritation or rash occurs: Get medical advice/attention. IF SWALLOWED: Call a POISON CENTER or doctor/ physician if you feel unwell.		
	P337+P313 P405	If eye irritation persists: Get medical advice/attention. Store locked up.		
	P501	Dispose of contents/container in accordance with local/ regional/national/international regulations.		
• Classification system:		ů ů		
<ul> <li>NFPA ratings (scale 0 - 4)</li> </ul>	Fire	lth = 3 = 1 ctivity = 0		
<ul> <li>HMIS-ratings (scale 0 - 4)</li> </ul>	FIRE 1 Fire	alth = 3 e = 1 activity = 0		
<ul> <li><u>Other hazards</u></li> <li>Results of PBT and vPvB assessment</li> </ul>	ent			
• <u>PBT:</u>	Not applicable.	(Contd. on page 3)		

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rade name: Akepox 5010 C	omponent B	
· <u>vPvB:</u>	Not applicable.	(Contd. of page 2
3 Composition/information	on ingredients	
· Chemical characterizatio	n: Mixtures	
Description:	Mixture of the substances listed below with nonhazardous	additions.
Dangerous components:		
	cycloaliphatic polyamines C R34; Xn R21/22; Xi R43 Acute Tox. 3, H311; Skin Corr. 1B, H314; Eye Dam. 1, H3	25-50% 18;
010 100 51 0	Acute Tox. 4, H302; Škin Sens. 1, H317	
CAS: 100-51-6 EINECS: 202-859-9	Benzyl alcohol Xn R20/22	12.5-25%
	-5 1 Acute Tox. 4, H302; Acute Tox. 4, H332	
Additional information:	For the wording of the listed risk phrases refer to section 1	6.
4 First-aid measures		
	00011700	
<ul> <li>Description of first aid m</li> <li>General information:</li> </ul>	Take affected persons out into the fresh air.	
	Position and transport stably on side.	
	Immediately remove any clothing soiled by the product.	
	Symptoms of poisoning may even occur after several ho	urs; therefore medic
	observation for at least 48 hours after the accident.	
<u>After inhalation:</u>	Supply fresh air and to be sure call for a doctor. In case of unconsciousness place patient stably	in side position fo
	transportation.	
After skin contact:	If skin irritation continues, consult a doctor.	
	Immediately wash with water and soap and rinse thorough	y.
	Immediately rinse with water.	- ( <b>-</b>
<u>After eye contact:</u>	Rinse opened eye for several minutes under running w doctor.	ater. Then consult
After swallowing:	Immediately call a doctor.	
	Drink copious amounts of water and provide fresh air. Imm	ediately call a doctor
Information for doctor:	Amines: Inhalation, swallowing or dermal contact may ca	
	Cause burns, harm respiratory tract, eyes, skin, and dige case up to complete destruction. Intermediate interference	
	nausea, cough, dyspnea may occur. May cause allergies.	
	react towards very low amine concentrations and sho	
•• •• • • •	contact with this group of chemicals.	
Most important symptoms     effects, both acute and del		
enecis, boin acute and dei	Dizziness	
	Nausea	
	Breathing difficulty	
5	Coughing	
<ul> <li><u>Danger</u></li> <li>Indication of any immediate</li> </ul>	Danger of impaired breathing.	
medical attention and spec		
treatment needed	If swallowed, gastric irrigation with added, activated carbor	1.
5 Fire-fighting measures		
· Extinguishing media		
· Suitable extinguishing age	nts: Use fire fighting measures that suit the environment.	(Contd. on page

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#### Trade name: Akepox 5010 Component B (Contd. of page 3) 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) Nitrogen oxides (NOx) In certain fire conditions, traces of other toxic gases cannot be excluded. Advice for firefighters Wear fully protective suit. Protective equipment: Wear self-contained respiatory 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. 6 Accidental release measures · Personal precautions, protective equipment and emergency procedures Ensure adequate ventilation Use respiratory protective device against the effects of fumes/dust/aerosol. Wear protective equipment. Keep unprotected persons away. · 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. · Methods and material for containment and cleaning up: Dispose of the collected material according to regulations. Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Use neutralizing agent. Dispose contaminated material as waste according to item 13. Ensure adequate ventilation. · 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. 7 Handling and storage · Handling: · Precautions for safe handling Keep receptacles tightly sealed. Store in cool, dry place in tightly closed receptacles. Use only in well ventilated areas. Ensure good ventilation/exhaustion at the workplace. · Information about protection against explosions and fires: No special measures required. · 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:

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Store away from oxidizing agents. Store away from foodstuffs.

· Further information about storage

conditions:

Store receptacle in a well ventilated area. Keep receptacle tightly sealed.



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ade name: Akepox 5010 Compor	
Storage class:	(Contd. of page
Specific end use(s)	No further relevant information available.
Exposure controls/personal pro	otection
Additional information about	
design of technical systems:	No further data; see item 7.
Control parameters	
Components with limit values that	t require monitoring at the workplace:
100-51-6 Benzyl alcohol	
WEEL Long-term value: 10 ppm	
Additional information:	The lists that were valid during the creation were used as basis.
Exposure controls	
Personal protective equipment:	
General protective and hygienic	Line akin protection groom for akin protection
measures:	Use skin protection cream for skin protection. Clean skin thoroughly immediately after handling the product.
	Keep away from foodstuffs, beverages and feed.
	Immediately remove all soiled and contaminated clothing.
	Wash hands before breaks and at the end of work.
	Do not inhale gases / fumes / aerosols.
Breathing equipment:	Avoid contact with the eyes and skin. Short term filter device:
breathing equipment.	Filter A/P2
	In case of brief exposure or low pollution use respiratory filter device. In case
	intensive or longer exposure use respiratory protective device that
	independent of circulating air.
Protection of hands:	Preventive skin protection by use of skin-protecting agents is recommended.
	After use of gloves apply skin-cleaning agents and skin cosmetics. Akemi skin protection agent recommendation for preventive skin shelter
	application and combination of protective gloves:
	STOKO EMULSION (http://www.stoko.com)
	Akemi skin protection recommendation for skin cleaning after product handling
	SLIG SPEZIAL (http://www.stoko.com)
	Akemi 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 t
	directive 89/686/EC and the directive derived decree EN374, respectively, e
	the above listed protection glove type. The mentioned permeation times da
	were generated and verified with material samples of the recommend
	protection glove type in the scope of laboratory anylyses of the company K
	GmbH in compliance with EN374. This recommendation refers exclusively to the material safety data she
	referenced product delivered by Akemi and the indicated field of application.
	case of product dilution or in case of mixture with different substances
	chemicals, and in condition of EN374 deviation the producer of CE-approv
	protection gloves must be contacted for detailed information (e.g., KCL Gmb
	Germany, 36124 Eichenzell, internet: http://www.kcl.de).
	Protoctive gloves
	Protective gloves
	The glove material has to be impermeable and resistant to the
	product/ the substance/ the preparation.
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Trade name: Akepox 5010 Component B		
• Material of gloves	(Contd. of page 5) 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 Butyl rubber, BR Nitrile rubber, NBR	
	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.	
<ul> <li>Penetration time of glove material</li> </ul>	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.	
<ul> <li>For the permanent contact gloves made of the following materials are</li> </ul>		
suitable:	Butyl rubber, BR Butoject (KCL, Art No. 897, 898) Nitrile rubber, NBR Dermatril (Art No. 740, 741, 742)	
<u>As protection from splashes gloves</u>		
made of the following materials are suitable:	9 Nitrile rubber, NBR Dermatril (KCL, Art No. 740, 741, 742)	
Not suitable are gloves made of the following materials:	Leather gloves Strong gloves	
Eye protection:	Tightly sealed goggles	
Body protection:	Protective work clothing	

### 9 Physical and chemical properties

• Information on basic physical a     • General Information     • Appearance:     Form:     Color:     • Odor:	and chemical properties Pasty Colorless Characteristic	
· <u>pH-value:</u>	Not applicable	
<u>Change in condition</u> <u>Melting point/Melting range:</u> Boiling point/Boiling range:	Undetermined. 205 °C (401 °F)	
Flash point:	101 °C (214 °F)	
Ignition temperature:	400 °C (752 °F)	
<u>Auto igniting:</u>	Product is not selfigniting.	
Danger of explosion:	Product does not present an explosion hazard.	
• <u>Explosion limits:</u> Lower: Upper:	1.3 Vol % 13.0 Vol %	
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· Vapor pressure at 20 °C (68 °F):		°C (68 °F):	0.1 hPa	
· Density at 20 °C (68 °F):		°F):	1.11 g/cm³ (9.263 lbs/gal)	
Specific gravity at 20 °C (68 °F):		°C (68 °F):	1.11 g/cm³ (9.263 lbs/gal)	
Solubility in	n / Miscibili	ty with		
Water:			Partly soluble.	
Viscosity:			Not determined.	
Dynamic Kinemati			Not determined.	
Solvent co	ontent:			
Organic	solvents:		22.7 %	
Solids co			32.0 %	
Other info	ormation		No further relevant information available.	
<ul> <li>Possibility of hazardous reactions</li> <li>Conditions to avoid</li> <li>Incompatible materials:</li> <li>Hazardous decomposition products:</li> </ul>			Strong exothermic reaction with acids. Reacts with strong oxidizing agents.	
Incompati	ible materi s decomp	als: osition	No further relevant information available. No further relevant information available. Corrosive gases/vapors	
Incompati Hazardou products: Toxicolog Informatic Acute toxic LD/LC50 v cycloaliph	ible materi s decompo- gical inform on on toxic city: values that natic polya	nation cological effe are relevant f	No further relevant information available. No further relevant information available. Corrosive gases/vapors ects for classification:	
Incompati Hazardou products: Toxicolog Informatic Acute toxic LD/LC50 v Cycloaliph Oral	ible materi s decompo jical inforn on on toxic city: values that	osition nation cological effe are relevant t	No further relevant information available. No further relevant information available. Corrosive gases/vapors ects for classification: (rat)	
Incompati Hazardou products: Toxicolog Informatic Acute toxic LD/LC50 v cycloaliph Oral Dermal	ible materi s decompo- gical inform on on toxic city: values that natic polya	nation cological effe are relevant t mines 1000 mg/kg ca. 850 mg/	No further relevant information available. No further relevant information available. Corrosive gases/vapors ects for classification: (rat)	
Incompati Hazardou products: Toxicolog Informatic Acute toxic LD/LC50 v cycloaliph Oral Dermal	ible materi s decompo- nical inform on on toxic city: values that natic polya LD50 LD50	nation cological effe are relevant f mines 1000 mg/kg ca. 850 mg/ chol 1040 mg/kg	No further relevant information available. No further relevant information available. Corrosive gases/vapors ects for classification: (rat) kg (rat) (mouse)	
Incompati Hazardou products: Toxicolog Informatic Acute toxic LD/LC50 v cycloaliph Oral Dermal 100-51-6 E	ible materi s decompo- nical inform on on toxic city: /alues that /alues that LD50 LD50 Benzyl alco	nation cological effe are relevant f mines 1000 mg/kg ca. 850 mg/ ca. 850 mg/ ca. 1040 mg/kg 1040 mg/kg	No further relevant information available. No further relevant information available. Corrosive gases/vapors ects for classification: (rat) kg (rat) (mouse) (rabbit)	
Incompati Hazardou products: Toxicolog Informatic Acute toxic LD/LC50 v cycloaliph Oral Dermal 100-51-6 E Oral	ible materi s decompo- nical inform on on toxic city: /alues that /alues that LD50 LD50 Benzyl alco	nation cological effort are relevant for mines 1000 mg/kg ca. 850 mg/ ca. 850 mg/ ca. 1040 mg/kg 1040 mg/kg 1230 mg/kg	No further relevant information available. No further relevant information available. Corrosive gases/vapors ects for classification: (rat) kg (rat) (mouse) (rabbit) (rat)	
Incompati Hazardou products: Toxicolog Informatic Acute toxic LD/LC50 v cycloaliph Oral Dermal 100-51-6 E Oral Dermal	ible materi s decompo- nical inform on on toxic city: values that hatic polya LD50 LD50 LD50 LD50	nation cological effe are relevant f mines 1000 mg/kg ca. 850 mg/ ca. 850 mg/ ca. 850 mg/ ca. 1040 mg/kg 1040 mg/kg 1230 mg/kg 2000 mg/kg	No further relevant information available. No further relevant information available. Corrosive gases/vapors ects for classification: (rat) kg (rat) (mouse) (rabbit) (rat) (rat) (rabbit)	
Incompati Hazardou products: Toxicolog Informatic Acute toxic LD/LC50 v cycloaliph Oral Dermal 100-51-6 E Oral	ible materi s decompo- pical inform on on toxic city: values that LD50 LD50 Benzyl alco LD50 LD50 LD50	nation cological effe are relevant f mines 1000 mg/kg ca. 850 mg/ ca. 850 mg/ bhol 1040 mg/kg 1230 mg/kg 2000 mg/kg > 1000 mg/kg	No further relevant information available. No further relevant information available. Corrosive gases/vapors ects for classification: (rat) kg (rat) (mouse) (rabbit) (rat) (rabbit) (rat) (rat)	
Incompati Hazardou products: Toxicolog Informatic Acute toxic LD/LC50 v cycloaliph Oral Dermal 100-51-6 E Oral	ible materi s decompo- nical inform on on toxic city: values that hatic polya LD50 LD50 LD50 LD50	nation cological effe are relevant f mines 1000 mg/kg ca. 850 mg/ ca. 850 mg/ ca. 850 mg/ ca. 1040 mg/kg 1040 mg/kg 1230 mg/kg 2000 mg/kg	No further relevant information available. No further relevant information available. Corrosive gases/vapors ects for classification: (rat) kg (rat) (mouse) (rabbit) (rat) (rat) (rat) (rat) m3 (rat)	

Primary irritant effect:

on the skin:

on the eye:
Sensitization:

Caustic effect on skin and mucous membranes. Strong caustic effect.

Sensitization possible through skin contact.

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Trade name: Akepox 5010 Component B		
Additional toxicological	(Contd. of page 7)	
information:	The product shows the following dangers according to internally approved calculation methods for preparations: Harmful	
	Corrosive Irritant	
	Swallowing will lead to a strong caustic effect on mouth and throat and to the danger of perforation of esophagus and stomach.	
<u>Carcinogenic categories</u>		
IARC (International Agency for	Research on Cancer)	
None of the ingredients is listed	d.	

· NTP (National Toxicology Program) None of the ingredients is listed.

### **12 Ecological information**

· Toxicity				
· Aquatic toxicity:				
100-51-6 Benzyl alcohol				
EC50	21°0 mg/l (BES) (OECD 209)			
	79 mg/l (Scenedesmus quadricauda)			
EC50/16h	658 mg/l (pseudomonas putida)			
EC50/24h	55-400 mg/l (daphnia magna)			
EC50/30min	71.4 mg/l (Photobac. phosphoreum)			
	400 mg/l (pseudomonas putida)			
EC50/48h	230 mg/l (daphnia magna) (OECD 202)			
EC50/72h	770 mg/l (green alge) (OECD 201)			
EC50/96h	640 mg/l (Scenedesmus pluvialis)			
IC5/96h	640 mg/l (Scenedesmus quadricauda)			
LC50/96h	645 mg/l (goo)			
	10 mg/l (lepomis macrochirus)			
	460 mg/l (Pimephales promelas)			
NOEC/21d	51 mg/l (daphnia magna) (OECD211)			
· Persistence	and degradability No further relevant information available.			
	environmental systems:			
Bioaccumula				
Mobility in so     Additional e	il No further relevant information available.			
· General note				
	water course or sewage system.			
	Water hazard class 1 (Self-assessment): slightly hazardous for water			
· <u>Results of P</u> · PBT:	BT and vPvB assessment			
· <u>PB1.</u> · vPvB:	Not applicable. Not applicable.			
· Other adver				
13 Disposal co	nsiderations			

### · Waste treatment methods

· Recommendation:

Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

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Uncleaned packagings:	
Recommendation:	Empty contaminated packagings thoroughly. They can be recycled at
thorough and proper cleaning.	
Recommended cleansing agent:	Alcohol
Transport information	
UN-Number	
DOT, ADR, IMDG, IATA	UN2735
UN proper shipping name	
	Polyamines, liquid, corrosive, n.o.s. (cycloaliphatic polyamines)
ADR IMDG, IATA	2735 Polyamines, liquid, corrosive, n.o.s. (cycloaliphatic polyamines POLYAMINES, LIQUID, CORROSIVE, N.O.S. (cycloalipha
	polyamines)
Transport hazard class(es)	
DOT	
CORROSIVE B	
Class	8 Corrosive substances.
Label	8
ADR	
all all	
Class	8 (C7) Corrosive substances
Label	8
IMDG, IATA	
Class	8 Corrosive substances.
Label	8
Packing group	
DOT, ADR, IMDG, IATA	III
Environmental hazards:	
Marine pollutant:	No
Special precautions for user	Warning: Corrosive substances
Danger code (Kemler):	80
EMS Number:	F-A,S-B
Segregation groups	Alkalis
Transport in bulk according to A	
MARPOL73/78 and the IBC Code	e Not applicable.

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rade name: Akepox 5010 Compone	(Contd. of page
· UN "Model Regulation":	UN2735, Polyamines, liquid, corrosive, n.o.s. (cycloaliphat polyamines), 8, III
5 Regulatory information	
	I regulations/legislation specific for the substance or mixture
Sara     Section 355 (extremely hazardous	substances):
None of the ingredient is listed.	
Section 313 (Specific toxic chemical)	al listings):
None of the ingredients is listed.	
• TSCA (Toxic Substances Control A	Act).
All ingredients are listed.	
Proposition 65	
Chemicals known to cause cancer:	
None of the ingredients is listed.	-
Chemicals known to cause reprodu	uctive toxicity for females:
None of the ingredients is listed.	
Chemicals known to cause reprodu	ictive toxicity for males:
None of the ingredients is listed.	
Chemicals known to cause develop	omental toxicity:
None of the ingredients is listed.	
Cancerogenity categories	
EPA (Environmental Protection Ag None of the ingredients is listed.	ency
<u>TLV (Threshold Limit Value establi</u>	shed by ACGIH)
None of the ingredients is listed.	
MAK (German Maximum Workplac	e Concentration)
None of the ingredients is listed.	
• NIOSH-Ca (National Institute for O	ccupational Safety and Health)
None of the ingredients is listed.	
<ul> <li>OSHA-Ca (Occupational Safety &amp;</li> </ul>	Health Administration)
None of the ingredients is listed.	
GHS label elements	The product is classified and labeled according to the Globally Harmoniz System (GHS).
· Hazard pictograms	
<u> </u>	
	$\vee \vee$
	GHS05 GHS07
<u>Signal word</u>	Danger
· Hazard-determining components	
of labeling:	cycloaliphatic polyamines
	Benzyl alcohol H302+H312 Harmful if swallowed or in contact with skin.
Hazard statements	
Hazard statements	H314 Causes severe skin burns and eye damage.

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Trade name: Akepox 5010 Compone	ent B	
		(Contd. of page 10)
<ul> <li>Precautionary statements</li> </ul>	P101	If medical advice is needed, have product container or label
		at hand.
	P102	Keep out of reach of children.
	P103	Read label before use.
	P260	Do not breathe vapours.
	P271	Use only outdoors or in a well-ventilated area.
	P280	Wear protective gloves/protective clothing/eye protection/face
		protection.
	P303+P361+P353	IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
	P305+P351+P338	FIF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
	P312	Call a POISON CENTER or doctor/physician if you feel unwell.
	P333+P313 P301+P312	If skin irritation or rash occurs: Get medical advice/attention. IF SWALLOWED: Call a POISON CENTER or doctor/ physician if you feel unwell.
	P337+P313 P405	If eye irritation persists: Get medical advice/attention. Store locked up.
	P501	Dispose of contents/container in accordance with local/ regional/national/international regulations.
<ul> <li>National regulations:</li> </ul>		
<ul> <li>Information about limitation of use:</li> </ul>		ctions concerning young persons must be observed. rictions concerning pregnant and lactating women must be
Water hazard class:	Water hazard clas	s 1 (Self-assessment): slightly hazardous for water.
· <u>VOC USA</u> · <u>Chemical safety assessment:</u>	250.6 g/l / 2.09 lb/g A Chemical Safety	gl r Assessment has not been carried out.

### 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.

<ul> <li>Department issuing MSDS:</li> <li>Contact:</li> <li>Date of preparation / last revision</li> <li>Abbreviations and acronyms:</li> </ul>	Laboratory Dieter Zimmermann 01/21/2014 / - 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 Organization ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road) IMDG: International Maritime Code for Dangerous Goods DOT: US Department of Transportation IATA: International Air Transport Association ACGIH: American Conference of Governmental Industrial Hygienists 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) NFPA: National Fire Protection Association (USA) HMIS: Hazardous Materials Identification System (USA) LC50: Lethal concentration, 50 percent LD50: Lethal dose, 50 percent