# Safety data sheet

**according to Regulation (EC) No 1907/2006, Article 31**

Printing date 11.11.2025 Version number 9 (replaces version 8) Revision: 11.11.2025

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

· **1.1 Product identifier**

· Trade name: **Akepox 1016 Magic Comp. B**

· Article number: 11775, 11778, 11781, 11784, 11195, 11196, 11197, 11198, 11199

· UFI: GFE4-G0TM-P00N-V6EE

· **1.2 Relevant identified uses of the substance or mixture and uses advised against**

· Product category PC1 Adhesives, sealants

· Application of the substance / the mixture Hardening agent/ Curing agent
Epoxy resin adhesive

· **1.3 Details of the supplier of the safety data sheet**

· Manufacturer/Supplier: 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

· **1.4 Emergency telephone number:** Product Safety Department AKEMI chemisch technische Spezialfabrik GmbH
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.

* **SECTION 2: Hazards identification**

· **2.1 Classification of the substance or mixture**

· Classification according to Regulation (EC) No 1272/2008

| | |
|---|---|
| Skin Corr. 1C | H314 Causes severe skin burns and eye damage. |
| Eye Dam. 1 | H318 Causes serious eye damage. |
| Skin Sens. 1 | H317 May cause an allergic skin reaction. |
| Aquatic Chronic 3 | H412 Harmful to aquatic life with long lasting effects. |

· **2.2 Label elements**

· Labelling according to Regulation (EC) No 1272/2008 The product is classified and labelled according to the CLP regulation.

· Hazard pictograms

GHS05 GHS07

· Signal word Danger

· Hazard-determining components of labelling:
polyoxyalkylendiamine
Benzylalkohol
hydrogen[1-[(2-hydroxy-4-nitrophenyl)azo]-2-naphtholato(2-)][1-[(2-hydroxy-5-nitrophenyl)azo]-2-naphtholato(2-)]chromate(1-)

· Hazard statements
H314 Causes severe skin burns and eye damage.
H317 May cause an allergic skin reaction.
H412 Harmful to aquatic life with long lasting effects.

· Precautionary statements

| | |
|---|---|
| P101 | 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. |
| P260 | Do not breathe vapours. |
| P273 | Avoid release to the environment. |

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| | |
|---|---|
| P280 | Wear protective gloves/protective clothing/eye protection/face protection/hearing protection. |
| P301+P330+P331 | IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. |
| P303+P361+P353 | IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower]. |
| P305+P351+P338 | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. |
| P310 | Immediately call a POISON CENTER/doctor. |
| P405 | Store locked up. |
| P501 | Dispose of contents/container in accordance with local/ regional/national/international regulations. |

· **2.3 Other hazards**

· Results of PBT and vPvB assessment

· PBT: Not applicable.

· 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: 9046-10-0<br>Reg.nr.: 01-2119557899-12-000x | polyoxyalkylendiamine<br>Skin Corr. 1C, H314; Eye Dam. 1, H318<br>Aquatic Chronic 3, H412 | 50-100% |
| CAS: 100-51-6<br>EINECS: 202-859-9<br>Index number: 603-057-00-5<br>Reg.nr.: 01-2119492630-38-0000 | Benzylalkohol<br>Acute Tox. 4, H302; Eye Irrit. 2, H319; Skin Sens. 1B, H317<br>ATE: LD50 oral: 1,200 mg/kg | <12.5% |
| CAS: 52277-71-1<br>EINECS: 257-804-1<br>Reg.nr.: 01-2120051092-70-xxxx | hydrogen[1-[(2-hydroxy-4-nitrophenyl)azo]-2-naphtholato(2-)][1-[(2-hydroxy-5-nitrophenyl)azo]-2-naphtholato(2-)]chromate(1-)<br>Eye Irrit. 2, H319; Skin Sens. 1B, H317 | <10% |

· 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.
Immediately remove any clothing soiled by the product.

· After inhalation: In case of unconsciousness place patient stably in side position for transportation.

· After skin contact: Immediately wash with water and soap and rinse thoroughly.
Immediately rinse with water.

· After eye contact: Rinse opened eye for several minutes under running water. Then consult a doctor.

· After swallowing: Drink plenty of water and provide fresh air. Call for a doctor immediately.

· **4.2 Most important symptoms and effects, both acute and delayed**

Breathing difficulty
Dizziness
Headache
Dizziness
Gastric or intestinal disorders

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Allergic reactions
Asthma attacks
Nausea

· Hazards: Danger of impaired breathing.

· **4.3 Indication of any immediate medical attention and special treatment needed**: If swallowed, gastric irrigation with added, activated carbon.

## SECTION 5: Firefighting measures

· **5.1 Extinguishing media**

· Suitable extinguishing agents: Use fire extinguishing methods suitable to surrounding conditions.

· **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:
Nitrogen oxides (NOx)
Carbon monoxide (CO)
Under certain fire conditions, traces of other toxic gases cannot be excluded.

· **5.3 Advice for firefighters**

· Protective equipment: Wear self-contained respiratory protective device.
Do not inhale explosion gases or combustion gases.
Wear fully protective suit.

## SECTION 6: Accidental release measures

· **6.1 Personal precautions, protective equipment and emergency procedures**: Ensure adequate ventilation
Keep away from ignition sources.
Use respiratory protective device against the effects of fumes/dust/aerosol.
Wear protective equipment. Keep unprotected persons away.

· **6.2 Environmental precautions:** 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:** Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Use neutralising agent.
Dispose contaminated material as waste according to section 13.
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.
Keep away from heat and direct sunlight.
Use only in well ventilated areas.
Ensure good ventilation/exhaustion at the workplace.

· Information about fire - and explosion protection: No special measures required.

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· **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: Store away from foodstuffs.

· Further information about storage conditions: Protect from frost.
Store receptacle in a well ventilated area.
Keep container tightly sealed.

· Storage class: 8 A

· **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

| | | |
|---|---|---|
| **9046-10-0 polyoxyalkylendiamine** | | |
| Oral | DNEL (Langzeit-wiederholt) | 0.04 mg/kg bw/day (BEV) |
| Dermal | DNEL ( Langzeit-wiederholt) | 0.623-2.5 mg/kg bw/day (ARB) |
| | | 0.311-1.25 mg/kg bw/day (BEV) |
| Inhalative | DNEL (Langzeit-wiederholt) | 5.29 mg/m³ Air (ARB) |
| **100-51-6 Benzylalkohol** | | |
| Oral | DNEL (Kurzzeit-akut) | 20 mg/kg bw/day (BEV) |
| | DNEL (Langzeit-wiederholt) | 4 mg/kg bw/day (BEV) |
| Dermal | DNEL (Kurzzeit-akut) | 40 mg/kg bw/day (ARB) |
| | | 20 mg/kg bw/day (BEV) |
| | DNEL ( Langzeit-wiederholt) | 8 mg/kg bw/day (ARB) |
| | | 4 mg/kg bw/day (BEV) |
| Inhalative | DNEL (Kurzzeit-akut) | 110 mg/m³ Air (ARB) |
| | | 27 mg/m³ Air (BEV) |
| | DNEL (Langzeit-wiederholt) | 22 mg/m³ Air (ARB) |
| | | 5.4 mg/m³ Air (BEV) |

· PNECs

| | |
|---|---|
| **9046-10-0 polyoxyalkylendiamine** | |
| PNEC (wässrig) | 7.5 mg/l (KA) |
| | 0.0143 mg/l (MW) |
| | 0.015 mg/l (SW) |
| | 0.15 mg/l (WAS) |
| PNEC (fest) | 0.0176 mg/kg Trockengew (BO) |
| | 0.125 mg/kg Trockengew (MWS) |
| | 0.132 mg/kg Trockengew (SWS) |

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| **100-51-6 Benzylalkohol** | |
|---|---|
| PNEC (wässrig) | 39 mg/l (KA) |
| | 0.1 mg/l (MW) |
| | 1 mg/l (SW) |
| | 2.3 mg/l (WAS) |
| PNEC (fest) | 0.456 mg/kg Trockengew (BO) |
| | 0.527 mg/kg Trockengew (MWS) |
| | 5.27 mg/kg Trockengew (SWS) |

· Additional information: The lists valid during the making were used as basis.

· **8.2 Exposure controls**

· Appropriate engineering controls No further data; see section 7.

· Individual protection measures, such as personal protective equipment

· General protective and hygienic measures:
Do not eat, drink, smoke or sniff while working.
Use skin protection cream for skin protection.
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.
Avoid contact with the eyes and skin.

· Respiratory protection: Short term filter device:
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.
Skin protection agent recommendation for preventive skin shelter without use of protective gloves:
ARRETIL (http://www.stoko.com)
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).

Protective gloves

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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

· Material of gloves
Butyl rubber, BR
Nitrile rubber, NBR
Fluorocarbon rubber (Viton)
Vitoject (KCL, Art No. 890)
Recommended thickness of the material: ≥ 0.4 mm
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 ≤ 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 made of the following materials are suitable:
Butyl rubber, BR
Butoject (KCL, Art_No. 897, 898)
Nitrile rubber, NBR
Camatril (KCL, Art_No. 730, 731, 732, 733)
Chloroprene rubber, CR
Camapren (KCL, Art_No. 720, 722, 726)

· As protection from splashes gloves made of the following materials are suitable:
Butyl rubber, BR
Butoject (KCL, Art_No. 897, 898)
Nitrile rubber, NBR
Camatril (KCL, 730, 731, 732, 733)
Chloroprene rubber, CR
Camapren (KCL, Art_No. 720, 722, 726)

· Not suitable are gloves made of the following materials:
Leather gloves
Strong material gloves

· Eye/face protection

Tightly sealed goggles

· Body protection:
Protective work clothing

## SECTION 9: Physical and chemical properties

· **9.1 Information on basic physical and chemical properties**

| | |
|---|---|
| · General Information | |
| · Colour: | According to product specification |
| · Odour: | Ammonia-like |
| · Melting point/freezing point: | Undetermined. |
| · Boiling point or initial boiling point and boiling range | 205.4 °C (100-51-6 Benzylalkohol) |
| · Lower and upper explosion limit | |
| · Lower: | 1.3 Vol % |
| · Upper: | 13 Vol % |
| · Flash point: | 101 °C |

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| | |
|---|---|
| · Auto-ignition temperature: | 435 °C |
| · pH | Not determined. |
| · Viscosity: | |
| · Kinematic viscosity | Not determined. |
| · Dynamic: | Not determined. |
| · Solubility | |
| · water: | Not miscible or difficult to mix. |
| · Vapour pressure at 20 °C: | 0.1 hPa |
| · Density and/or relative density | |
| · Density at 20 °C: | 0.98 g/cm³ |

· **9.2 Other information**

| | |
|---|---|
| · Appearance: | |
| · Form: | Fluid |
| · Important information on protection of health and environment, and on safety. | |
| · Ignition temperature: | Product is not selfigniting. |
| · Explosive properties: | Product does not present an explosion hazard. |
| · Solvent content: | |
| · Organic solvents: | 11.0 % |

| | |
|---|---|
| · 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 | Void |
| · Pyrophoric liquids | Void |
| · Pyrophoric solids | Void |
| · Self-heating substances and mixtures | Void |
| · Substances and mixtures, which emit flammable gases in contact with water | Void |
| · Oxidising liquids | Void |
| · Oxidising solids | Void |
| · Organic peroxides | Void |
| · Corrosive to metals | Void |
| · Desensitised explosives | Void |

## SECTION 10: Stability and reactivity

| | |
|---|---|
| · **10.1 Reactivity** | No further relevant information available. |
| · **10.2 Chemical stability** | |
| · Thermal decomposition / conditions to be avoided: | No decomposition if used according to specifications. |
| · **10.3 Possibility of hazardous reactions** | Strong exothermic reaction with acids. |
| · **10.4 Conditions to avoid** | No further relevant information available. |
| · **10.5 Incompatible materials:** | No further relevant information available. |
| · **10.6 Hazardous decomposition products:** | Nitrogen oxides<br>Nitrogen oxides (NOx) |

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Carbon monoxide and carbon dioxide

* **SECTION 11: Toxicological information**

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

· Acute toxicity Based on available data, the classification criteria are not met.

· LD/LC50 values relevant for classification:

| **ATE (Acute Toxicity Estimates)** | | |
|---|---|---|
| Oral | LD50 | 10,909 mg/kg |

| **9046-10-0 polyoxyalkylendiamine** | | |
|---|---|---|
| Oral | LD50 | 2,885 mg/kg (rat) (OECD 401) |
| Dermal | LD50 | 2,980 mg/kg (rabbit) (OECD 402) |
| Inhalative | LC50/8h | >0.74 mg/l (rat) |

| **100-51-6 Benzylalkohol** | | |
|---|---|---|
| Oral | LD50 | 1,200 mg/kg (ATE) |
| | | 1,040 mg/kg (mouse) |
| | | 1,040 mg/kg (rabbit) |
| | | 1,620 mg/kg (rat) |
| | NOEL | 400 mg/kg (rat) |
| | NOAEL | 200 mg/kg (mouse) |
| | | 1,045 mg/kg (rat) |
| Dermal | LD50 | >2,000 mg/kg (rabbit) |
| Inhalative | LC50/4h | 4,178 mg/m3 (rat) |
| | LC50/8h | 1,000 ppm (rat) |
| | LC50/4 h | >4,178 mg/l (rat) (OECD 403) |
| | LC50/48h | 360 mg/l (daphnia magna) |
| | | 645 mg/l (goo) |

| **52277-71-1 hydrogen[1-[(2-hydroxy-4-nitrophenyl)azo]-2-naphtholato(2-)][1-[(2-hydroxy-5-nitrophenyl)azo]-2-naphtholato(2-)]chromate(1-)** | | |
|---|---|---|
| Oral | LD50 | >2,000 mg/kg (rat) |

· Primary irritant effect:

· Skin corrosion/irritation Causes severe skin burns and eye damage.

· Serious eye damage/irritation Causes serious eye damage.

· Respiratory or skin sensitisation May cause an allergic skin reaction.

· 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.

· STOT-single exposure Based on available data, the classification criteria are not met.

· 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.

· **11.2 Information on other hazards**

· Endocrine disrupting properties

None of the ingredients is listed.

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## SECTION 12: Ecological information

· **12.1 Toxicity**

· Aquatic toxicity:

| | |
|---|---|
| **9046-10-0 polyoxyalkylendiamine** | |
| EC50/96h | >15 mg/l (piscis) |
| IC50/72h | 141.72 mg/l (Skeletonema costatum ( Kieselalge)) (OECD 201) |
| EC50/48h | 80 mg/l (daphnia magna) |
| ErC50/72h | 15 mg/l (algae) |
| EC20/3h | 380 mg/l (BES) |
| NOEC | 0.32 mg/kg (algae) (OECD 201) |
| | 310 mg/kg (bacteria) (OECD 209) |
| EC50/48h | 80 mg/l (daphnia magna) (OECD 202) |
| EC50/72h | 15 mg/l (selenastrum capricornutum) (OECD 201) |
| LC50/96h | 772.14 mg/l (piscis) (OECD 203) |
| | >220 mg/l (Leuciscus idus) |
| | >15 mg/l (Oncorhynchus mykiss) (OECD203) |
| **100-51-6 Benzylalkohol** | |
| EC50/24h | 55-400 mg/l (daphnia magna) |
| | 390 mg/l (pseudomonas putida) (ISO 8192) |
| EC50/96h | 640 mg/l (Scenedesmus pluvialis) |
| EC50 | 2,100 mg/l (BES) (OECD 209) |
| | 79 mg/l (Scenedesmus quadricauda) |
| EC10/16h | >658 mg/l (pseudomonas putida) |
| EC50/48h | 230 mg/l (daphnia magna) (OECD 202) |
| ErC50/72h | 770 mg/l (Pseudokirchneriella subcapitata) (OECD 201) |
| EC0 | 640 mg/l (Scenedesmus quadricauda) |
| EC50/16h | 658 mg/l (pseudomonas putida) |
| EC50/30min | 71.4 mg/l (Photobac. phosphoreum) |
| | 400 mg/l (pseudomonas putida) |
| IC5/96h | 640 mg/l (Scenedesmus quadricauda) |
| NOEC | 566 mg/kg (Pseudokirchneriella subcapitata) (OECD 201) |
| NOEC/21d | 51 mg/l (daphnia magna) (OECD211) |
| EC50/72h | 770 mg/l (algae) (OECD 201) |
| | 500 mg/l (Pseudokirchneriella subcapitata) (OECD 201) |
| LC50/96h | 645 mg/l (goo) |
| | 10 mg/l (lepomis macrochirus) |
| | 8.9 mg/l (Oncorhynchus mykiss) |
| | >100 mg/l (Oryzias latipes) |
| | 460 mg/l (Pimephales promelas) (EPA OPP 72-1) |
| **52277-71-1 hydrogen[1-[(2-hydroxy-4-nitrophenyl)azo]-2-naphtholato(2-)][1-[(2-hydroxy-5-nitrophenyl)azo]-2-naphtholato(2-)]chromate(1-)** | |
| EC50/48h | >100 mg/l (daphnia magna) |
| EC50/72h | >100 mg/l (Lemnar minor) |
| LC50/96h | >100 mg/l (Brachydanio rerio) |

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· **12.2 Persistence and degradability** No further relevant information available.
· **12.3 Bioaccumulative potential** No further relevant information available.
· **12.4 Mobility in soil** No further relevant information available.
· **12.5 Results of PBT and vPvB assessment**
· PBT: Not applicable.
· vPvB: Not applicable.
· **12.6 Endocrine disrupting properties** The product does not contain substances with endocrine disrupting properties.
· **12.7 Other adverse effects**
· Additional ecological information:
· General notes: 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.

· Uncleaned packaging:
· Recommendation: Empty contaminated packagings thoroughly. They may be recycled after thorough and proper cleaning.
· Recommended cleansing agents: Diluted caustic solution.

## SECTION 14: Transport information

· **14.1 UN number or ID number**
· ADR, IMDG, IATA UN2735

· **14.2 UN proper shipping name**
· ADR 2735 POLYAMINES, LIQUID, CORROSIVE, N.O.S. (reaction products of di-, tri- and tetra-propoxylated propane-1,2-diol with ammonia)
· IMDG, IATA POLYAMINES, LIQUID, CORROSIVE, N.O.S. (reaction products of di-, tri- and tetra-propoxylated propane-1,2-diol with ammonia)

· **14.3 Transport hazard class(es)**

· ADR

· Class 8 (C7) Corrosive substances.
· Label 8

· IMDG, IATA

· Class 8 Corrosive substances.
· Label 8

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| | |
|---|---|
| · **14.4 Packing group** | |
| · ADR, IMDG, IATA | II |
| · **14.5 Environmental hazards:** | |
| · Marine pollutant: | No |
| · **14.6 Special precautions for user** | Warning: Corrosive substances. |
| · Hazard identification number (Kemler code): | 80 |
| · EMS Number: | F-A,S-B |
| · Segregation groups | (SGG18) Alkalis |
| · Stowage Category | A |
| · Segregation Code | SG35 Stow "separated from" SGG1-acids |
| · **14.7 Maritime transport in bulk according to IMO instruments** | Not applicable. |
| · Transport/Additional information: | |
| · ADR | |
| · Limited quantities (LQ) | 1L |
| · Excepted quantities (EQ) | Code: E2<br>Maximum net quantity per inner packaging: 30 ml<br>Maximum net quantity per outer packaging: 500 ml |
| · Transport category | 2 |
| · Tunnel restriction code | E |
| · IMDG | |
| · Limited quantities (LQ) | 1L |
| · Excepted quantities (EQ) | Code: E2<br>Maximum net quantity per inner packaging: 30 ml<br>Maximum net quantity per outer packaging: 500 ml |
| · UN "Model Regulation": | UN 2735 POLYAMINES, LIQUID, CORROSIVE, N.O.S. (REACTION PRODUCTS OF DI-, TRI- AND TETRA-PROPOXYLATED PROPANE-1,2-DIOL WITH AMMONIA), 8, II |

## 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: None of the ingredients is listed.

· REGULATION (EC) No 1907/2006 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.

· REGULATION (EU) 2019/1148

· Annex I - RESTRICTED EXPLOSIVES 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.

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# Safety data sheet

**according to Regulation (EC) No 1907/2006, Article 31**

Printing date 11.11.2025 Version number 9 (replaces version 8) Revision: 11.11.2025

**Trade name: Akepox 1016 Magic Comp. B**

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· 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 108.1 g/l

· **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

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## 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: Laboratory
· Date of previous version: 23.01.2025
· Version number of previous version: 8
· 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
ATE: Acute toxicity estimate values
Acute Tox. 4: Acute toxicity – Category 4
Skin Corr. 1C: Skin corrosion/irritation – Category 1C
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
Skin Sens. 1B: Skin sensitisation – Category 1B
Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3