

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006
(amended by Regulation (EU) 2015/830)

EXY 08

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

1.1. Product identifier

Product name EXY 08

Product code None.

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

Use of the Substance/Mixture Industrial uses
A component of a polyurethane system.

1.3. Details of the supplier of the safety data sheet

Company/Undertaking Identification HONTER COMPANY s.r.o.
Na strži 1702/65, Nusle
140 00, Prague 4
Czech Republic
Tel.: +420 773 581 581
E-mail: info@honter.eu
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1.4. Emergency telephone number +420 773 581 581

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Version REACH GHS/CLP

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 Acute toxicity, oral, Cat. 4, H302
Skin corrosion/irritation, Cat. 1B, H314

Additional information For the full text of the phrases mentioned in this Section, see Section 16.

EXY 08

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REACH GHS/CLP

2.2. Label elements



Signal Word	Danger
Hazard Statements	H302: Harmful if swallowed. H314: Causes severe skin burns and eye damage.
Precautionary statements	P280: Wear protective gloves/ protective clothing/ eye protection/ face protection. P260: Do not breathe dust/ fume/ gas/ mist/ vapours/ spray. P301+P312: IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell. P303+P361+P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/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. P501: Dispose of contents/ container to an approved waste disposal plant.
Supplemental information	None.
Product identifier	Alkohol, C9 - C11, ethoxyliert, CAS-No. 68439-46-3
2.3. Other hazards	None known.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Mixture.

Components		CLP Classification	Product identifier
Alkohol, C9 - C11, ethoxyliert	10% - 25%	Acute Tox. 4 H302, Eye Dam. 1 H318	CAS-No.: 68439-46-3 Index-No: Polymer
Tris(2-chlor-1-methylethyl)phosphat	10% - 25%	Acute Tox. 4 H302	CAS-No.: 13674-84-5 EC-No.: 237-158-7 REACH No.: 01-2119486772-26-0000
Bis(Dimethylaminoethyl)Ether	1% - 5%	Acute Tox. 4 H302, Acute Tox. 3 H311, Acute Tox. 4 H332, Skin Corr. 1B H314	CAS-No.: 3033-62-3 Index-No: 221-220-5
2-[[2-(Dimethylamino)ethyl]methylamino]ethanol	1% - 5%	Acute Tox. 4 H302, Skin Irrit. 2 H315, Eye Dam. 1 H318, STOT SE 3 H335	CAS-No.: 2212-32-0 Index-No: 218-658-4
Ethanol, 2-[2-(dimethylamino)ethoxy]-	5% - 10%	Skin Corr. 1B H314, Acute Tox. 4 H312	CAS-No.: 1704-62-7 Index-No: 216-940-1

For the full text of the phrases mentioned in this Section, see Section 16.

Hazardous impurities

None known.

SECTION 4: First aid measures**4.1. Description of first aid measures**

Inhalation	Move to fresh air in case of accidental inhalation of vapours or decomposition products. Call a physician or poison control centre immediately.
Skin contact	Immediate medical treatment is necessary as untreated wounds from corrosion of the skin heal slowly and with difficulty.
Eye contact	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Protect unharmed eye. Consult an ophthalmologist.
Ingestion	Clean mouth with water and drink afterwards plenty of water. Prevent vomiting if possible. If swallowed, seek medical advice immediately and show this container or label.

4.2. Most important symptoms and effects, both acute and delayed Causes severe burns.

4.3. Indication of any immediate medical attention and special treatment needed None known.

SECTION 5: Firefighting measures**5.1. Extinguishing media**

Suitable extinguishing media Use dry chemical, CO₂, water spray or alcohol foam.

Extinguishing media which must not be used for safety reasons High volume water jet.

5.2. Special hazards arising from the substance or mixture During a fire, smoke may contain the original material in addition to unidentified toxic and/or irritating compounds. Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

5.3. Advice for firefighters

Special protective equipment for firefighters Standard procedure for chemical fires. In the event of fire, wear self-contained breathing apparatus. Complete suit protecting against chemicals.

Specific methods

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

SECTION 6: Accidental release measures**6.1. Personal precautions, protective equipment and emergency procedures****Advice for non-emergency personnel**

Use personal protective equipment. Avoid contact with skin and eyes. Do not breathe vapours/dust.

Advice for emergency responders

Use personal protective equipment. Do not breathe vapours/dust. Immediately evacuate personnel to safe areas. Ventilate the area.

6.2. Environmental precautions

Do not flush into surface water or sanitary sewer system.

6.3. Methods and material for containment and cleaning up

Clean up promptly by sweeping or vacuum. Keep in suitable and closed containers for disposal. Soak up with inert absorbent material.

6.4. Reference to other sections

See chapter 8 and 13.

SECTION 7: Handling and storage**7.1. Precautions for safe handling**

Wear personal protective equipment. Ingestion, exposure to skin and eyes and inhalation of any generated vapours should be avoided. Plan first aid action before beginning work with this product.

7.2. Conditions for safe storage, including any incompatibilities

The product is hygroscopic. Store in a place accessible by authorized persons only. Store in original container. Keep away from food and drink. Keep container tightly closed.

7.3. Specific end use(s)

No information available.

SECTION 8: Exposure controls/personal protection**8.1. Control parameters****Exposure limit(s)**

No data is available on the product itself.

8.2. Exposure controls**Appropriate engineering controls**

Handle in accordance with good industrial hygiene and safety practice. Ensure adequate ventilation, especially in confined areas. Regular cleaning of equipment, work area and clothing.

Personal protection equipment

<i>Respiratory protection</i>	In case of insufficient ventilation wear suitable respiratory equipment. Respirator with combination filter for vapour/particulate (EN 14387).
<i>Hand protection</i>	The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it. Gloves made of Chloroprene.
<i>Eye protection</i>	Safety glasses with side-shields conforming to EN166.
<i>Skin and body protection</i>	Choose body protection according to the amount and concentration of the dangerous substance at the work place.
<i>Thermal hazards</i>	No special measures required.

Environmental exposure controls Prevent product from entering surface water or sewage.

SECTION 9: Physical and chemical properties**9.1. Information on basic physical and chemical properties**

Appearance	Liquid.
Colour	colorless to yellowish
Odour	Characteristic.
Odour Threshold	not determined
pH:	not applicable
Melting point/range:	>0 °C
Boiling point/range:	not determined
Flash point:	>120 °C
Evaporation Rate:	not determined
Flammability:	not applicable
Explosion limits:	not determined
Vapour pressure:	< 30 mbar
Vapor density:	not determined
Relative density:	1,12 g/cm ³ (25 °C)
Water solubility:	partly soluble
Partition coefficient (n-octanol/water):	not determined
Autoignition temperature:	not determined
Decomposition temperature:	not determined
Viscosity:	210 mPas (25°C)
Explosive properties:	not determined
Oxidising properties:	None

9.2. Other information

General Product Characteristics	No information available.
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SECTION 10: Stability and reactivity

10.1. Reactivity	Reacts with isocyanate.
10.2. Chemical stability	No decomposition if used as directed.
10.3. Possibility of hazardous reactions	No if used as directed.
10.4. Conditions to avoid	Burning produces obnoxious and toxic fumes.
10.5. Incompatible materials	ferrous metals, alloys and galvanized surfaces Corrodes base metals.
10.6. Hazardous decomposition products	None under normal use. In the event of fire the following can be released: COx, NOx, SiOx, POx, HX.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity	<p>Alkohol, C9 - C11, ethoxyliert (CAS 68439-46-3) Oral LD50 Rat = 1400 mg/kg (NZ_CCID)</p> <p>Tris(2-chlor-1-methylethyl)phosphat (CAS 13674-84-5) Dermal LD50 Rabbit > 5000 mg/kg (EU_RAR) Inhalation LC50 Rat > 5.05 mg/L 4 h(EU_RAR) Oral LD50 Rat = 1500 mg/kg (NLM_CIP)</p> <p>Bis(Dimethylaminoethyl)Ether (CAS 3033-62-3) Dermal LD50 Rabbit = 238 mg/kg (JAPAN_GHS) Inhalation LC50 Rat = 117 ppm 6 h(JAPAN_GHS) Oral LD50 Rat = 910 mg/kg (JAPAN_GHS)</p> <p>Ethanol, 2-[2-(dimethylamino)ethoxy]- (CAS 1704-62-7) Oral LD50 Rat = 2460 µL/kg (NLM_CIP)</p>
Skin corrosion/irritation	Causes severe burns.
Serious eye damage/eye irritation	Corrosive.
Respiratory / Skin Sensitisation	None.
Carcinogenicity	Carcinogenicity classification not possible from current data.
Germ cell mutagenicity	Classification not possible from current data.
Reproductive toxicity	Classification not possible from current data.
Specific target organ toxicity (single exposure)	No data available.
Specific target organ toxicity (repeated exposure)	No data available.
Aspiration hazard	No data available.

Human experience	No data available.
Symptoms related to the physical, chemical and toxicological characteristics	Causes severe burns.

SECTION 12: Ecological information

12.1. Toxicity	No data is available on the product itself. May change pH of waters.
Alcohol, C9 - C11, ethoxyliert (CAS 68439-46-3)	
EU - Ecolabel (66/2010) - Detergent Ingredient Database - Anaerobic Degradation	Biodegradable under anaerobic conditions. (listed under Alcohol ethoxylate (C9-11, DID-no 021 >3-6 ethoxylated units, DID-no 022 >6-10 ethoxylated units) predominantly linear)
EU - Ecolabel (66/2010) - Detergent Ingredient Database - Aerobic Degradation	Readily biodegradable according to OECD guidelines. (listed under Alcohol ethoxylate (C9-11, DID-no 021 >3-6 ethoxylated units, DID-no 022 >6-10 ethoxylated units) predominantly linear)
Tris(2-chlor-1-methylethyl)phosphat (CAS 13674-84-5)	
Ecotoxicity - Freshwater Fish - Acute Toxicity Data	LC50 96 h Brachydanio rerio 56.2 mg/L [static] LC50 96 h Pimephales promelas 98 mg/L [static] LC50 96 h Poecilia reticulata 30 mg/L [static]
Ecotoxicity - Water Flea - Acute Toxicity Data	EC50 48 h Daphnia magna 63 mg/L (IUCLID)
Ecotoxicity - Freshwater Algae - Acute Toxicity Data	EC50 72 h Desmodesmus subspicatus 45 mg/L (IUCLID) EC50 96 h Pseudokirchneriella subcapitata 4 mg/L (IUCLID)
12.2. Persistence and degradability	Expected to be biodegradable. Neutralization is normally necessary before waste water is discharged into water treatment plants.
12.3. Bioaccumulative potential	Bioaccumulation is unlikely.
12.4. Mobility in soil	No data available.
12.5. Results of PBT and vPvB assessment	No information available.
12.6. Other adverse effects	No information available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods	
Waste from residues / unused products	Dispose of in accordance with local regulations.
Contaminated packaging	Dispose of as unused product. Offer rinsed packaging material to local recycling facilities.

SECTION 14: Transport information

ADR/RID	Not regulated.
IMDG	Not regulated.
IATA	Not regulated.
Further Information	Not classified as dangerous in the meaning of transport regulations.

SECTION 15: Regulatory information**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

Regulatory Information The product contains organic halogens.

Alcohol, C9 - C11, ethoxyliert (CAS 68439-46-3)

EU - REACH (1907/2006) - List of Registered Intermediates Present (<2.5 EO, [614-482-0])

Tris(2-chlor-1-methylethyl)phosphat (CAS 13674-84-5)

TEDX (The Endocrine Disruption Exchange) - Potential Endocrine Disruptors Present

EU - REACH (1907/2006) - List of Registered Substances Present

Bis(Dimethylaminoethyl)Ether (CAS 3033-62-3)

EU - REACH (1907/2006) - List of Registered Substances Present

Ethanol, 2-[2-(dimethylamino)ethoxy]- (CAS 1704-62-7)

EU - REACH (1907/2006) - List of Registered Substances Present

15.2. Chemical safety assessment Not required.

SECTION 16: Other information

Revision Note This data sheet contains changes from the previous version in section(s): ---

Key or legend to abbreviations and acronyms None.

Full text of phrases referred to under sections 2 and 3

H302: Harmful if swallowed.
H311: Toxic in contact with skin.
H312: Harmful in contact with skin.
H314: Causes severe skin burns and eye damage.
H315: Causes skin irritation.
H318: Causes serious eye damage.
H332: Harmful if inhaled.
H335: May cause respiratory irritation.

Further information

Take notice of the directions of use on the label.

Disclaimer

This safety datasheet only contains information relating to safety and does not replace any product information or product specification. The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.