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SECTION 1: Identification of the substance/mixtur	re and of the company/undertaking
· 1.1 Product identifier	
Trade name: 2 V 44 VERHARDER	
 Article number: 2V44-2D18 UFI: F12D-6185-T00V-UDTQ 1.2 Relevant identified uses of the substance or mixture and Sector of Use SU3 Industrial uses: Uses of substances as such or in preparations SU19 Building and construction work SU22 Professional uses: Public domain (administration, education Product category PC9a Coatings and paints, thinners, paint references category PROC7 Industrial spraying PROC10 Roller application or brushing PROC19 Manual activities involving hand contact PROC13 Treatment of articles by dipping and pouring Application of the substance / the mixture solvent based, two of the substance / the mixture solvent based, two of the substance / the mixture solvent based, two of the substance / the mixture solvent based, two of the substance / the mixture solvent based, two of the substance / the mixture solvent based, two of the substance / the mixture solvent based, two of the substance / the mixture solvent based, two of the substance / the mixture solvent based, two of the substance / the mixture solvent based, two of the substance / the mixture solvent based, two of the substance / the mixture solvent based, two of the substance / the mixture solvent based, two of the substance / the mixture solvent based, two of the substance / the mixture solvent based, two of the substance / the mixture solvent based, two of the substance / the mixture solvent based, two of the substance / the mixture solvent based 	ons at industrial sites on, entertainment, services, craftsmen) movers
 1.3 Details of the supplier of the safety data sheet Manufacturer/Supplier: Zandleven Coatings B.V. Snekertrekweg 57-59, 8912 AA Leeuwarden, Netherlands Tel: +31 58 2129545 Fax: +31 58 2155996 E-mail: info@zandleven.com Internet: www.zandleven.com 	
 Further information obtainable from: R&D department: sds@za 1.4 Emergency telephone number: Nationaal Vergiftigingen Informatie +31 (0)88 755 8000 ORFILA (INRS) : + 33 (0)1 45 42 59 59 Centres Antipoison et de Toxicovigilance ANGERS: 02 41 48 21 21 BORDEAUX: 05 56 96 40 80 LILLE: 0800 59 59 59 LYON: 04 72 11 69 11 MARSEILLE: 04 91 75 25 25 NANCY: 03 83 22 50 50 PARIS: 01 40 05 48 48 STRASBOURG: 03 88 37 37 37 TOULOUSE: 05 61 77 74 47 Giftinformationszentrum-Nord der Länder Bremen, Hamburg, Nier Nord) :0551/19 240 Informationszentrule gegen Vergiftungen Zentrum für Kinderheilk Giftnotruf Erfurt Gemeinsames Giftinformationszentrum der Länder Sachsen-Anhalt und Thüringen: 0361/730 730 Informationszentrum des Saarlandes: 06841/19240 Giftinformationszentrum der Länder Rheinland-Pfalz und Hessen der Johannes Gutenberg-Universität Mainz: 06131/19240 Vergiftungs-Informations-Zentrale Zentrum für Kinder- und Jugen Giftinformationszentrum der Länder Rheinland-Pfalz und Hessen der Johannes Gutenberg-Universität Mainz: 06131/19240 Vergiftungs-Informations-Zentrale Zentrum für Kinder- und Jugen Giftinfort München Toxikologische Abteilung der II. Med. Klinik un Supplier +31 (0)58 2677590 (during office hours) 	dersachsen und Schleswig-Holstein (GIZ- unde Universitätsklinikum Bonn: 0228/19240 er Mecklenburg-Vorpommern, Sachsen, r Kinder- und Jugendmedizin - Klinische Toxikologie - Universitätsmedizin dmedizin Universitätsklinikum: 0761/19240
SECTION 2: Hazards identification	
· Classification according to Regulation (FC) No 1272/2008	

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

Acute Tox. 4 H302 Harmful if swallowed.

- Acute Tox. 4 H332 Harmful if inhaled.
- Skin Corr. 1B H314 Causes severe skin burns and eye damage.
- Eye Dam. 1 H318 Causes serious eye damage.

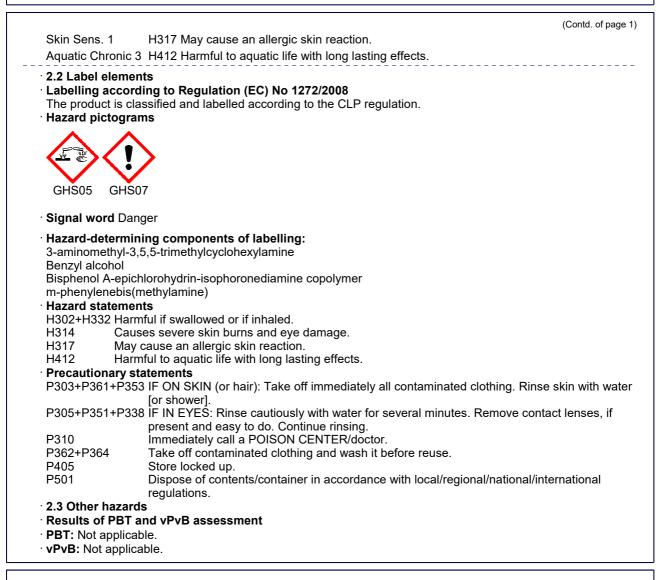
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SECTION 3: Composition/information on ingredients

· 3.2 Mixtures

· Description: Mixture of substances listed below with nonhazardous additions.

· Dangerous components:

Percentages of the components are expressed as a percentage by weight

CAS: 100-51-6 EINECS: 202-859-9 Index number: 603-057-00-5 Reg.nr.: 01-2119492630-38		25-50%
CAS: 2855-13-2 EINECS: 220-666-8 Index number: 612-067-00-9 Reg.nr.: 01-2119514687-32	3-aminomethyl-3,5,5-trimethylcyclohexylamine Skin Corr. 1B, H314; Eye Dam. 1, H318; Acute Tox. 4, H302; Skin Sens. 1A, H317 Specific concentration limit: Skin Sens. 1A; H317: C ≥ 0.001 %	25-50%
	Bisphenol A-epichlorohydrin-isophoronediamine copolymer Skin Corr. 1B, H314; Eye Dam. 1, H318; 🐠 Skin Sens. 1, H317; Aquatic Chronic 3, H412	10-25%
CAS: 1477-55-0 EINECS: 216-032-5 Reg.nr.: 01-2119480150-50	m-phenylenebis(methylamine) ♦ Skin Corr. 1B, H314; Eye Dam. 1, H318; ♦ Acute Tox. 4, H302; Acute Tox. 4, H332; Skin Sens. 1B, H317; Aquatic Chronic 3, H412, EUH071	10-25%
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- · Regulation (EC) No 648/2004 on detergents / Labelling for contents
- perfumes (BENZYL ALCOHOL)

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:
- Immediately remove any clothing soiled by the product.

Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.

- 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: Immediately rinse with water.
- · After eye contact: Rinse opened eye for several minutes under running water. Then consult a doctor.
- After swallowing:
- Call for a doctor immediately.

Drink plenty of water and provide fresh air. Call for a doctor immediately.

- 4.2 Most important symptoms and effects, both acute and delayed
- No further relevant information available.
- 4.3 Indication of any immediate medical attention and special treatment needed

No further relevant information available.

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
- During heating or in case of fire poisonous gases are produced.
- 5.3 Advice for firefighters
- · Protective equipment: Mouth respiratory protective device.

SECTION 6: Accidental release measures

· 6.1 Personal precautions, protective equipment and emergency procedures Mount respiratory protective device. 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. Dilute with plenty of water. 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

Ensure good ventilation/exhaustion at the workplace.

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Prevent formation of aerosols.

· Information about fire - and explosion protection: Keep respiratory protective device available.

· 7.2 Conditions for safe storage, including any incompatibilities

· Storage:

· Requirements to be met by storerooms and receptacles:

Store material in original, well-closed packages in a cool, well-ventilated area according to local regulations. Information about storage in one common storage facility: Not required.

• Further information about storage conditions: Keep container tightly sealed.

· Recommended storage temperature: 5 - 30 °C

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.

· DNEL (De	rived No Effect Level) for workers:		
100-51-6 E	Benzyl alcohol		
Dermal	Acute - systemic effects, worker	40 mg/kg b	w/day (human)
	Long-term - systemic effects, worker	8 mg/kg bw	ı/day (human)
Inhalative	Acute - systemic effects, worker	110 mg/m ³	(human)
	Long-term - systemic effects, worker	22 mg/m ³ (human)
2855-13-2	3-aminomethyl-3,5,5-trimethylcyclo	hexylamin	9
Inhalative	Acute - local effects, worker	0.073 mg/n	n³ (worker)
	Long-term - local effects, worker	0.073 mg/n	n³ (worker)
•	I A-epichlorohydrin-isophoronedian		
Dermal	Long-term - systemic effects, worker	0.14 mg/kg	bw/day (human)
Inhalative	Long-term - systemic effects, worker	0.493 mg/n	n³ (human)
	m-phenylenebis(methylamine)		
	Long-term - systemic effects, worker		,
	Long-term - systemic effects, worker	•	
	Long-term - local effects, worker	0.2 mg/m ³	(worker)
· DNEL (De	rived No Effect Level) for the genera	al polulatio	n:
100-51-6 E	Benzyl alcohol		
Oral	Acute - systemic effects, general popul	ulation	20 mg/kg bw/day (human)
	Long-term - systemic effects, general	population	4 mg/kg bw/day (human)
Dermal	Acute - systemic effects, general polu	lation	20 mg/kg bw/day (human)
	Long-term - systemic effects, general	population	4 mg/kg bw/day (human)
Inhalative	Acute - systemic effects, general popul	ulation	27 mg/m³ (human)
	Long-term - systemic effects, general	• •	
	3-aminomethyl-3,5,5-trimethylcyclo		9
Oral	Acute - systemic effects, general population	ulation	0.3 mg/kg bw/day (general population)
	Long-term - systemic effects, general	population	0.3 mg/kg bw/day (general population)
Bispheno	I A-epichlorohydrin-isophoronedian		
Oral	Long-term - systemic effects, general		
Dermal	Long-term - systemic effects, general	• •	
Inhalative	Long-term - systemic effects, general	population	0.074 mg/m³ (human)
· PNEC (Pre	edicted No Effect Concentration) va	lues:	
100-51-6 E	Benzyl alcohol		
Aquatic co	mpartment - freshwater	1 mg/L	(not specified)
Aquatic co	mpartment - marine water	0.1 mg/	(not specified)
1			(Contd. on page 5)

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	(Contra of mans 4)
Aquatic compartment - water, intermittent releases	(Contd. of page 4) 2.3 mg/L (not specified)
Aquatic compartment - sediment in freshwater	5.27 mg/kg sed dw (not specified)
Aquatic compartment - sediment in marine water	0.527 mg/kg sed dw (not specified)
Terrestrial compartment - soil	0.456 mg/kg dw (not specified)
Sewage treatment plant	39 mg/L (sewage treatment plant)
2855-13-2 3-aminomethyl-3,5,5-trimethylcyclohe	
Aquatic compartment - freshwater	0.06 mg/L (freshwater)
Aquatic compartment - marine water	0.006 mg/L (marine water)
Aquatic compartment - water, intermittent releases	0.23 mg/L (intermittent release water)
Aquatic compartment - sediment in freshwater	5.784 mg/kg sed dw (sediment fresh water)
Aquatic compartment - sediment in marine water	0.578 mg/kg sed dw (sediment marine water)
Terrestrial compartment - soil	1.121 mg/kg dw (soil)
Sewage treatment plant 3.18 mg/L (sewage treatment plant)	
1477-55-0 m-phenylenebis(methylamine)	
Aquatic compartment - freshwater	0.094 mg/L (freshwater)
Aquatic compartment - marine water	0.009 mg/L (marine water)
Aquatic compartment - water, intermittent releases	0.152 mg/L (intermittent release water)
Aquatic compartment - sediment in freshwater	12.4 mg/kg sed dw (sediment fresh water)
Aquatic compartment - sediment in marine water	1.24 mg/kg sed dw (sediment marine water)
Terrestrial compartment - soil	2.44 mg/kg dw (soil)
Sewage treatment plant	10 mg/L (sewage treatment plant)
• Additional information: The lists valid during the	naking were used as basis.

· 8.2 Exposure controls

Use only with adequate ventilation. Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne

contaminants below any recommended or statutory limits. The engineering controls also need to keep gas, vapour or dust concentrations below any lower explosive limits. Use explosion-proof ventilation equipment.

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

 \cdot Individual protection measures, such as personal protective equipment

General protective and hygienic measures:

Provide readily accessible eye wash stations and safety showers.

Keep away from foodstuffs, beverages and feed.

Immediately remove all soiled and contaminated clothing

Wash hands before breaks and at the end of work.

Avoid contact with the eyes.

Avoid contact with the eyes and skin.

Respiratory protection:

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.

Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator. If

workers are exposed to concentrations above the exposure limit, they must use appropriate, certified respirators. Use a properly fitted, air-purifying or air-fed

respirator complying with an approved standard if a risk assessment indicates this is necessary.

For organic vapors and solvents type of filter A1 or A2, for dust type of filter P (according to EN 140) Hand protection



Protective gloves

Chemical resistant gloves (EN 374)

Check protective gloves prior to each use for their proper condition.

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

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Material of gloves 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. Fluorocarbon rubber (Viton)

Nitrile rubber, NBR **Penetration time of glove material**

KCL Vitoject 890

breakthrough time > 480 min. thickness: 0,7 mm

at limited contact KCL Camatril 730 breakthrough time 30 min.

thickness: 0,4 mm

The exact break trough time has to be found out by the manufacturer of the protective gloves and has to be observed.

- · Not suitable are gloves made of the following materials: All other materials
- Eye/face protection



Tightly sealed goggles

Safety glasses according to EN 166 or equivalent

Body protection:

Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved before the product is used by a specialist.

If there is a risk of ignition by static electricity, anti-static protective clothing should be worn. For the best protection against static discharge, clothing should consist of anti-static overalls, boots and gloves. For further information on materials and design requirements and test methods consult the European standard EN 1149.

Environmental exposure controls

Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

SECTION 9: Physical and chemical properties

Physical state	Liquid
	According to product specification
· Odour:	Characteristic
· Odour threshold:	Not determined.
• Melting point/freezing point:	Undetermined.
Boiling point or initial boiling point and	• • • • • • • • • • • • • • • • • • • •
range	205.3 °C (100-51-6 Benzyl alcohol)
· Flammability	Not applicable.
· Lower and upper explosion limit	
Lower:	1.3 Vol % (100-51-6 Benzyl alcohol)
· Upper:	13 Vol % (100-51-6 Benzyl alcohol)
· Flash point:	101 °C
• Auto-ignition temperature:	380 °C (2855-13-2 3-aminomethyl-3,5,5- trimethylcyclohexylamine)
 Decomposition temperature: 	Not determined.
pH at 20 °C	10
· Viscosity:	
Kinematic viscosity	at 40 °C: > 20,5 mm²/s

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	(Contd. of page
Dynamic at 20 °C:	600 mPas
Solubility	
water:	Fully miscible.
Partition coefficient n-octanol/water (log value)	Not determined.
Vapour pressure at 20 °C:	0.1 hPa (100-51-6 Benzyl alcohol)
Vapour pressure at 50 °C:	0.7 hPa
Density and/or relative density	
Density at 20 °C:	>0.82-<1.22 g/cm³
Relative density	Not determined.
Vapour density	Not determined.
9.2 Other information	
Appearance:	
Form:	Fluid
Important information on protection of health and	Fiulu
environment, and on safety.	
Ignition temperature:	Product is not selfigniting.
Explosive properties:	
Change in condition	Product does not present an explosion hazard.
Evaporation rate	Not determined.
•	
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 No dangerous reactions known.

• **10.4 Conditions to avoid** No further relevant information available.

· 10.5 Incompatible materials: No further relevant information available.

• 10.6 Hazardous decomposition products: No dangerous decomposition products known.

SECTION 11: Toxicological information

• 11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008 • Acute toxicity Harmful if swallowed or if inhaled.

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		(Contd. of page
LD/LC50	values rele	evant for classification:
100-51-6	Benzyl alc	ohol
Oral	LD50	1,230 mg/kg (rat)
Dermal	LD50	2,000 mg/kg (rabbit)
Inhalative	LC50/4 h	>4.178 mg/l (rat)
2855-13-2	3-aminon	nethyl-3,5,5-trimethylcyclohexylamine
Oral	LD50	1,030 mg/kg (rat)
Dermal	LD50	>2,000 mg/kg (rat)
1477-55-0	m-pheny	enebis(methylamine)
Oral	LD50	930 mg/kg (rat)
Dermal	LD50	3,100 mg/kg (rabbit)
Inhalative	LC50/4 h	1.34 mg/l (rat)
Primary in		
		ation Causes severe skin burns and eye damage.
		e/irritation Causes serious eye damage.
		sensitisation May cause an allergic skin reaction.
	-	icity Based on available data, the classification criteria are not met.
-	•	sed on available data, the classification criteria are not met.
		ity Based on available data, the classification criteria are not met.
STOT-sin	gle expos	ure 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.

SECTION 12: Ecological information

· 12.1 Toxicity

 Aquatic toxicit 	•
100-51-6 Benz	yl alcohol
EC50/96 h	640 mg/l (algae)
EC50/72 h	500-770 mg/l (aquatic algae and cyanobacteria)
EC50/48 h	230 mg/l (aquatic invertebrates)
	230-400 mg/l (Daphnia magna)
LC50/96 h	460 mg/l (pimephales promelas)
LC50/48 h	646 mg/l (fish)
NOEC 21 days	51-66 mg/l (aquatic invertebrates)
2855-13-2 3-an	ninomethyl-3,5,5-trimethylcyclohexylamine
LC50/96 h	110 mg/l (Leuciscus idus)
1477-55-0 m-p	henylenebis(methylamine)
EC50/72 h	20.3-33.3 mg/l (aquatic algae and cyanobacteria)
EC50/48 h	32.1 mg/l (aquatic algae and cyanobacteria)
	15.2 mg/l (aquatic invertebrates)
EC50/24 h	35.1 mg/l (aquatic invertebrates)
LC50/96 h	87.6 mg/l (fish)
NOEC 21 days	4.7 mg/l (aquatic invertebrates)
	ce and degradability No further relevant information available.
	nulative potential No further relevant information available.
	n soil No further relevant information available.
• 12.5 Results of • PBT: Not applie	f PBT and vPvB assessment

· **vPvB:** Not applicable.

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· 12.6 Endocrine disrupting properties

The product does not contain substances with endocrine disrupting properties.

12.7 Other adverse effects

· Remark: Harmful to fish

· Additional ecological information:

· General notes:

Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water Do not allow product to reach ground water, water course or sewage system.

Must not reach sewage water or drainage ditch undiluted or unneutralised.

Danger to drinking water if even small quantities leak into the ground.

Harmful to aquatic organisms

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

Luiopean	waste catalogue
08 00 00	WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS
08 01 00	wastes from MFSU and removal of paint and varnish
08 01 11*	waste paint and varnish containing organic solvents or other hazardous substances
HP6	Acute Toxicity
HP8	Corrosive
HP13	Sensitising
HP14	Ecotoxic

Uncleaned packaging:

- Recommendation: Disposal must be made according to official regulations.
- Recommended cleansing agents: Water, if necessary together with cleansing agents.

SECTION 14: Transport information · 14.1 UN number or ID number · ADR/RID/ADN, IMDG, IATA UN2735 · 14.2 UN proper shipping name · ADR/RID/ADN 2735 AMINES, LIQUID, CORROSIVE, N.O.S. (mphenylenebis(methylamine), ISOPHORONEDIAMINE) · IMDG, IATA AMINES, LIQUID, CORROSIVE, N.O.S. (mphenylenebis(methylamine), ISOPHORONEDIAMINE) · 14.3 Transport hazard class(es) · ADR/RID/ADN, IMDG, IATA · Class 8 Corrosive substances. · Label 8 14.4 Packing group ADR/RID/ADN, IMDG, IATA Ш · 14.5 Environmental hazards: Not applicable. 14.6 Special precautions for user Warning: Corrosive substances. (Contd. on page 10)

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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 IM	0
instruments	Not applicable.
Transport/Additional information:	
ADR/RID/ADN	
Limited quantities (LQ)	1L
Excepted quantities (EQ)	Code: E2
	Maximum net quantity per inner packaging: 30 ml
	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
	Maximum net quantity per inner packaging: 30 ml
	Maximum net quantity per outer packaging: 500 ml
UN "Model Regulation":	UN 2735 AMINES, LIQUID, CORROSIVE, N.O.S. (M-
	PHENYLENEBIS(METHYLAMINE),
	ISOPHORONEDIAMINE), 8, 11

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.

· 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.

15.2 Chemical safety assessment: 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.

Classification according to Regulation (EC) No 1272/2008 The classification of the mixture is generally based on the calculation method using substance data according to Regulation (EC) No 1272/2008.

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Contact: J. Dijkstra	
Date of previous version: 20.04.2023	
Version number of previous version: 11	
Abbreviations and acronyms:	
ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concern	ning the International
Carriage of Dangerous Goods by Road)	ing the international
MDG: International Maritime Code for Dangerous Goods	
ATA: International Air Transport Association	
HS: Globally Harmonised System of Classification and Labelling of Chemicals	
INECS: European Inventory of Existing Commercial Chemical Substances	
LINCS: 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)	
C50: Lethal concentration, 50 percent	
.D50: Lethal dose, 50 percent	
PBT: Persistent, Bioaccumulative and Toxic	
νPvB: very Persistent and very Bioaccumulative	
Acute Tox. 4: Acute toxicity – Category 4	
Skin Corr. 1B: Skin corrosion/irritation – Category 1B	
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. 1A: Skin sensitisation – Category 1A	
Skin Sens. 1B: Skin sensitisation – Category 1B	
Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3	
Sources	
ECHA European Chemical Agency - http://echa.europa.eu/information-on-chemicals	
SDS of raw materials supplied by producer/supplier.	
^r Data compared to the previous version altered.	
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