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Safety data sheet according to Regulation (EC) No 1907/2006, Article 31

Printing date 06.02.2025 Version: 26 (replaces version 25) Revision: 06.02.2025

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

· 1.1 Product identifier

· Trade name: 2 V 12 VERHARDER

· Article number: 2V12

· UFI: DQ1D-51GK-K00W-61GF

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

· Sector of Use

SU3 Industrial uses: Uses of substances as such or in preparations at industrial sites

SU19 Building and construction work

SU22 Professional uses: Public domain (administration, education, entertainment, services, craftsmen)

· Product category PC9a Coatings and paints, thinners, paint removers

Process 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 component epoxy coating hardener

· 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@zandleven.com

· 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

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+31 (0)58 2677590 (during office hours)

SECTION 2: Hazards identification

· 2.1 Classification of the substance or mixture

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

Acute Tox. 4 H302 Harmful if swallowed.
Acute Tox. 4 H332 Harmful if inhaled.

Skin Corr. 1C H314 Causes severe skin burns and eye damage.

Eye Dam. 1 H318 Causes serious eye damage.

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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:

3-aminomethyl-3,5,5-trimethylcyclohexylamine

Benzyl alcohol

Bisphenol A-epichlorohydrin-isophoronediamine copolymer

Hazard statements

H302+H332 Harmful if swallowed or if inhaled.

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

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.

P362+P364 Take off contaminated clothing and wash it before reuse.

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.

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	25-50%

Regulation (EC) No 648/2004 on detergents / Labelling for contents

perfumes (BENZYL ALCOHOL)

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· Additional information: For the wording of the listed hazard phrases refer to section 16.

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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.
- 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.

Prevent formation of aerosols.

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

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- · 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:

	rived No Effect Level) for workers:		
•	Benzyl alcohol		
	•	mg/kg b	w/day (human)
	Long-term - systemic effects, worker 8	mg/kg bw	//day (human)
Inhalative	Acute - systemic effects, worker 11	10 mg/m³	(human)
	Long-term - systemic effects, worker 22	2 mg/m³ (l	human)
2855-13-2	3-aminomethyl-3,5,5-trimethylcyclohe	exylamine	9
Inhalative	Acute - local effects, worker 0.	073 mg/n	n³ (worker)
	Long-term - local effects, worker 0.	073 mg/n	า³ (worker)
Bispheno	l A-epichlorohydrin-isophoronediamir	ne copoly	mer
Dermal	Long-term - systemic effects, worker 0.	14 mg/kg	bw/day (human)
Inhalative	Long-term - systemic effects, worker 0.	493 mg/n	า³ (human)
DNEL (De	rived No Effect Level) for the general	polulatio	n:
100-51-6 E	Benzyl alcohol		
Oral	Acute - systemic effects, general popula	ation	20 mg/kg bw/day (human)
	Long-term - systemic effects, general po	opulation	4 mg/kg bw/day (human)
Dermal	Acute - systemic effects, general polula	tion	20 mg/kg bw/day (human)
	Long-term - systemic effects, general po	opulation	4 mg/kg bw/day (human)
Inhalative	Acute - systemic effects, general popula	ation	27 mg/m³ (human)
	Long-term - systemic effects, general po	opulation	5.4 mg/m³ (human)
2855-13-2	3-aminomethyl-3,5,5-trimethylcyclohe	exylamine	
Oral	Acute - systemic effects, general popula	ation	0.3 mg/kg bw/day (general population)
	Long-term - systemic effects, general po	opulation	0.3 mg/kg bw/day (general population)
Bispheno	A-epichlorohydrin-isophoronediamir		
Oral	Long-term - systemic effects, general po	•	,
Dermal	Long-term - systemic effects, general po	•	,
Inhalative	Long-term - systemic effects, general po	opulation	0.074 mg/m³ (human)
PNEC (Pro	edicted No Effect Concentration) value	es:	
100-51-6 E	Benzyl alcohol		
Aquatic co	mpartment - freshwater	1 mg/L ((not specified)
Aquatic co	mpartment - marine water	0.1 mg/l	_ (not specified)
Aquatic co	mpartment - water, intermittent releases	2.3 mg/l	(not specified)
Aquatic co	mpartment - sediment in freshwater	5.27 mg	/kg sed dw (not specified)
Aquatic co	mpartment - sediment in marine water	0.527 m	g/kg sed dw (not specified)
Terrestrial	compartment - soil	0.456 m	g/kg dw (not specified)
Sewage tr	eatment plant	30 mg/l	(sewage treatment plant)

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	(Contd. of page 4)	
2855-13-2 3-aminomethyl-3,5,5-trimethylcyclohexylamine		
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)	

· Additional information: The lists valid during the making 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.
- 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

· 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

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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

· 9.1 Information on basic physical and chemical properties

· General Information

· Physical state Liquid

Colour: According to product specification

• Odour: Characteristic
• Odour threshold: Not determined.

• Melting point/freezing point:
• Boiling point or initial boiling point and boiling

range 205.4 °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: 106 °C (100-51-6 Benzyl alcohol)
 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

Dynamic at 20 °C: 400 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:

Relative density

Vapour density

1.03 g/cm³

Not determined.

Not determined.

9.2 Other information

· Appearance:

· Form: Fluid

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· 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.
· Change in condition	
· Evaporation rate	Not determined.
Information with regard to physical hazard classes	S
· 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

SECTION 10: Stability and reactivity

- · 10.1 Reactivity No further relevant information available.
- · 10.2 Chemical stability

Organic peroxides

Corrosive to metals

Desensitised explosives

· Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.

Void

Void

Void

- \cdot 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.

· LD/LC50 \	· LD/LC50 values relevant for classification:		
100-51-6 E	100-51-6 Benzyl alcohol		
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	2855-13-2 3-aminomethyl-3,5,5-trimethylcyclohexylamine		
Oral	LD50	1,030 mg/kg (rat)	
Dermal	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.

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- 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.
- \cdot **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	· Aquatic toxicity:	
100-51-6 Benzy	100-51-6 Benzyl 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	NOEC 21 days 51-66 mg/l (aquatic invertebrates)	
2855-13-2 3-aminomethyl-3,5,5-trimethylcyclohexylamine		
LC50/96 h	110 mg/l (Leuciscus idus)	

- 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
- · Remark: Harmful to fish
- · Additional ecological information:
- · General notes:

Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system. Must not reach sewage water or drainage ditch undiluted or unneutralised. 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	
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	

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

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. (Bisphe A-epichlorohydrin-isophoronediamine copolymer,
IMDG, IATA	ISOPHORONEDIAMINE) AMINES, LIQUID, CORROSIVE, N.O.S. (Bisphenol A-epichlorohydrin-isophoronediamine copolymer, 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	III
14.5 Environmental hazards: Marine pollutant:	No
14.6 Special precautions for user Hazard identification number (Kemler code):	Warning: Corrosive substances. 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 instruments	Not applicable.
Transport/Additional information:	
ADR/RID/ADN	
Limited quantities (LQ)	5L
Excepted quantities (EQ)	Code: E1
_	Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 1000 ml
Transport category Tunnel restriction code	3 E
IMDG	
Limited quantities (LQ)	5L
Excepted quantities (EQ)	Code: E1
	Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 1000 ml

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· UN "Model Regulation":

UN 2735 AMINES, LIQUID, CORROSIVE, N.O.S. (BISPHENOL A-EPICHLOROHYDRIN-ISOPHORONEDIAMINE COPOLYMER, ISOPHORONEDIAMINE), 8, III

SECTION 15: Regulatory information

- 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
- · Directive 2012/18/EU
- · Named dangerous substances ANNEX I 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.

· Contact: J. Dijkstra

· Date of previous version: 19.04.2023 · Version number of previous version: 25

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 \dot{S} ystem 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 vPvB: very Persistent and very Bioaccumulative

Acute Tox. 4: Acute toxicity – Category 4

Skin Corr. 1B: Skin corrosion/irritation – Category 1B 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

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Skin Sens. 1: Skin sensitisation – Category 1 Skin Sens. 1A: Skin sensitisation – Category 1A 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.
- * Data compared to the previous version altered.