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SECTION 1: Identification of the substance/mixture and of the company/undertaking 1.1 Product identifier Trade name: 2 V 4 VERHARDER · Article number: 2v4 · UFI: CAYS-M0DH-F00S-NV1C · 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 Giftnotruf der Charité, Berlin: 030/19240 Giftinformationszentrum-Nord der Länder Bremen, Hamburg, Niedersachsen und Schleswig-Holstein (GIZ-Nord) :0551/19 240 Informationszentrale gegen Vergiftungen Zentrum für Kinderheilkunde Universitätsklinikum Bonn: 0228/19240 Giftnotruf Erfurt Gemeinsames Giftinformationszentrum der Länder Mecklenburg-Vorpommern, Sachsen, Sachsen-Anhalt und Thüringen: 0361/730 730 Informations- und Beratungszentrum für Vergiftungsfälle Klinik für Kinder- und Jugendmedizin Universitätsklinikum des Saarlandes: 06841/19240 Giftinformationszentrum der Länder Rheinland-Pfalz und Hessen - Klinische Toxikologie - Universitätsmedizin der Johannes Gutenberg-Universität Mainz: 06131/19240 Vergiftungs-Informations-Zentrale Zentrum für Kinder- und Jugendmedizin Universitätsklinikum: 0761/19240 Giftnotruf München Toxikologische Abteilung der II. Med. Klinik und Poliklinik: 089/19240 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 Supplier +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

Flam. Liq. 3 H226 Flammable liquid and vapour.

Skin Irrit. 2 H315 Causes skin irritation.

Eye Dam. 1 H318 Causes serious eye damage.

(Contd. on page 2)

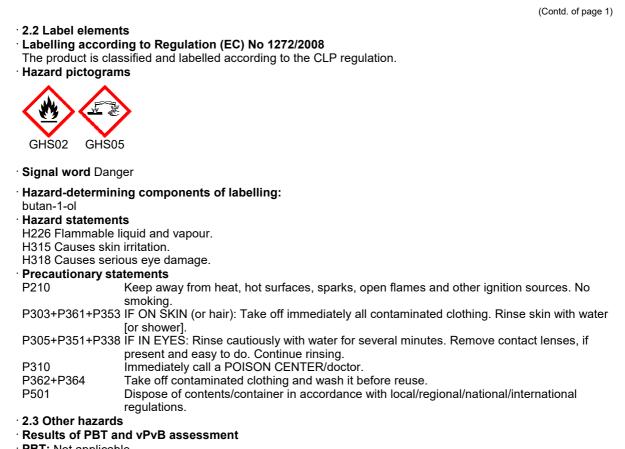
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Safety data sheet according to Regulation (EC) No 1907/2006, Article 31

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• 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: 1330-20-7 EINECS: 215-535-7 Index number: 601-022-00-9 Reg.nr.: 01-2119488216-32	xylene Flam. Liq. 3, H226; Asp. Tox. 1, H304; Acute Tox. 4, H312; Acute Tox. 4, H332; Skin Irrit. 2, H315; Eye Irrit. 2, H319; STOT SE 3, H335	10-25%
CAS: 71-36-3 EINECS: 200-751-6 Index number: 603-004-00-6 Reg.nr.: 02-2119484630-38	butan-1-ol Flam. Liq. 3, H226; Eye Dam. 1, H318; Acute Tox. 4, H302; Skin Irrit. 2, H315; STOT SE 3, H335-H336	10-25%
CAS: 90-72-2 EINECS: 202-013-9 Index number: 603-069-00-0 Reg.nr.: 01-2119560597-27	2,4,6-tris(dimethylaminomethyl)phenol Acute Tox. 4, H302; Skin Irrit. 2, H315; Eye Irrit. 2, H319	2.5-10%
CAS: 100-41-4 EINECS: 202-849-4 Index number: 601-023-00-4 Reg.nr.: 01-2119489370-35	ethylbenzene Flam. Liq. 2, H225; STOT RE 2, H373; Asp. Tox. 1, H304; Acute Tox. 4, H332; Aquatic Chronic 3, H412	2.5-10%
• 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.
- · After inhalation: 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: If symptoms persist consult doctor.
- · 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:
- CO2, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- 5.2 Special hazards arising from the substance or mixture No further relevant information available.
- 5.3 Advice for firefighters
- · Protective equipment: No special measures required.

SECTION 6: Accidental release measures

 $^{\circ}$ 6.1 Personal precautions, protective equipment and emergency procedures

Wear protective equipment. Keep unprotected persons away.

- 6.2 Environmental precautions:
- 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 Use only in well ventilated areas.
- Information about fire and explosion protection:
- Keep ignition sources away Do not smoke.
- Protect against electrostatic charges.
- 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.

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	ol parameters			
-	ts with limit values that require mor	nitoring at t	he workplace:	
1330-20-7				
	ort-term value: 442 mg/m³, 100 ppm ng-term value: 221 mg/m³, 50 ppm			
Sk				
100-41-4 @	ethylbenzene			
IOELV Sh	ort-term value: 884 mg/m³, 200 ppm			
	ng-term value: 442 mg/m³, 100 ppm			
Sk				
-	rived No Effect Level) for workers:			
1330-20-7	-			
	Long-term - systemic effects, worker			
Inhalative	Acute - systemic effects, worker	442 mg/m ³		
	Acute - local effects, worker	442 mg/m ³		
	Long-term - systemic effects, worker	-	. ,	
74.00.0 6.	Long-term - local effects, worker	221 mg/m ³	(worker)	
71-36-3 bi	Long-term - local effects, worker	310 mg/m ³	(worker)	
	4,6-tris(dimethylaminomethyl)phen	U U		
Dermal	Acute - systemic effects, worker		ow/day (worker)	
2 onnui	Long-term - systemic effects, worker		,	
Inhalative	Acute - systemic effects, worker	2.1 mg/m ³ (worker)		
	Long-term - systemic effects, worker	, <i>,</i>		
100-41-4 €	ethylbenzene			
	Long-term - systemic effects, worker	180 mg/kg	bw/day (worker)	
Inhalative	Acute - local effects, worker			
	Long-term - systemic effects, worker	77 mg/m³ (worker)	
DNEL (De	rived No Effect Level) for the gener	al polulatio	n:	
1330-20-7				
Oral	-	l population	12.5 mg/kg bw/day (general population)	
Dermal	Long-term - systemic effects, general	l population	125 mg/kg bw/day (general population)	
Inhalative	Acute - systemic effects, general pop		260 mg/m³ (general population)	
	Acute - local effects, general populati	ion	260 mg/m³ (general population)	
	Long-term - systemic effects, genera			
	Long-term - local effects, general pop	oulation	65.3 mg/m³ (general population)	
71-36-3 bi				
Oral			3.125 mg/kg bw/day (general population)	
	Long-term - local effects, general pop		55 mg/m³ (general population)	
	4,6-tris(dimethylaminomethyl)phen			
Oral			0.075 mg/kg bw/day (general population)	
Dermal	Acute - systemic effects, general polu		0.075 mg/kg bw/day (general population)	
	Long-term - systemic effects, genera			
innalative	Acute - systemic effects, general pop		0.13 mg/m ³ (general population)	
400 11 1	Long-term - systemic effects, genera	i population	U.13 mg/m ³ (general population)	
	ethylbenzene		4. Complete buildour (non)	
Oral	Long-term - systemic effects, general	i population	1.6 mg/kg bw/day (general population)	

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DNEC (Dradiated No Effect Concentration) value	(Contd. of page
PNEC (Predicted No Effect Concentration) value	IS:
1330-20-7 xylene	0.007 mar // (free churcher)
Aquatic compartment - freshwater	0.327 mg/L (freshwater)
Aquatic compartment - marine water	0.327 mg/L (marine water)
Aquatic compartment - water, intermittent releases	
Aquatic compartment - sediment in freshwater	12.46 mg/kg sed dw (sediment fresh water)
Aquatic compartment - sediment in marine water	12.46 mg/kg sed dw (sediment marine water)
Terrestrial compartment - soil	2.31 mg/kg dw (soil)
Sewage treatment plant	6.58 mg/L (sewage treatment plant)
71-36-3 butan-1-ol	
Aquatic compartment - freshwater	0.082 mg/L (not specified)
Aquatic compartment - marine water	0.0082 mg/L (not specified)
Aquatic compartment - water, intermittent releases	,
Aquatic compartment - sediment in freshwater	0.178 mg/kg sed dw (not specified)
Aquatic compartment - sediment in marine water	0.0178 mg/kg sed dw (not specified)
Terrestrial compartment - soil	0.015 mg/kg dw (not specified)
Sewage treatment plant	2,476 mg/L (not specified)
90-72-2 2,4,6-tris(dimethylaminomethyl)phenol	
Aquatic compartment - freshwater	0.046 mg/L (freshwater)
Aquatic compartment - marine water	0.005 mg/L (marine water)
Aquatic compartment - water, intermittent releases	0.46 mg/L (intermittent release water)
Aquatic compartment - sediment in freshwater	0.262 mg/kg sed dw (sediment fresh water)
Aquatic compartment - sediment in marine water	0.025 mg/kg sed dw (sediment marine water)
Terrestrial compartment - soil	0.025 mg/kg dw (soil)
Sewage treatment plant	0.2 mg/L (sewage treatment plant)
100-41-4 ethylbenzene	
Aquatic compartment - freshwater	0.1 mg/L (not specified)
Aquatic compartment - marine water	0.01 mg/L (not specified)
Aquatic compartment - water, intermittent releases	,
Aquatic compartment - sediment in freshwater	13.7 mg/kg sed dw (not specified)
Aquatic compartment - sediment in marine water	1.37 mg/kg sed dw (not specified)
Terrestrial compartment - soil	2.68 mg/kg dw (not specified)
Sewage treatment plant	9.6 mg/L (not specified)
Oral secondary poisoning	0.02 mg/kg food (not specified)
Additional information: The lists valid during the r	
controls to keep worker exposure to airborne contaminants below any recommended or statutory vapour or dust concentrations below any lower expl Appropriate engineering controls No further data Individual protection measures, such as person General protective and hygienic measures: Provide readily accessible eye wash stations and s Keep away from foodstuffs, beverages and feed. Immediately remove all soiled and contaminated cle Wash hands before breaks and at the end of work. Avoid contact with the skin. Avoid contact with the eyes and skin. Respiratory protection:	al protective equipment afety showers.
workers are exposed to concentrations above the erespirators. Use a properly fitted, air-purifying or air respirator complying with an approved standard if a	-fed

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- · Odour threshold:
- · Melting point/freezing point:
- Boiling point or initial boiling point and boiling range
- Characteristic Not determined. Undetermined.

116-118 °C (71-36-3 butan-1-ol)

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Flammability	Flammable.
Lower and upper explosion limit	
Lower:	1.1 Vol % (1330-20-7 xylene)
Upper:	9.4 Vol % (71-36-3 butan-1-ol)
Flash point:	32 °C
Auto-ignition temperature:	340 °C (71-36-3 butan-1-ol)
Decomposition temperature:	Not determined.
pH at 20 °C	10
Viscosity:	
Kinematic viscosity	at 40 °C: > 20,5 mm²/s
Dynamic at 20 °C:	500 mPas
Solubility	
water:	Fully miscible.
Partition coefficient n-octanol/water (log value)	Not determined.
Vapour pressure at 20 °C:	10 hPa (71-36-3 butan-1-ol)
Density and/or relative density	
Density at 20 °C:	0.93 g/cm³
Relative density	Not determined.
Vapour density	Not determined.
	Not determined.
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 is not explosive. However, formation of
	explosive air/vapour mixtures are possible.
Change in condition	
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	Flammable liquid and vapour.
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
Organia naravidaa	Void
Organic peroxides	
Corrosive to metals Desensitised explosives	Void 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.

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• **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** Based on available data, the classification criteria are not met.

 LD/LC50 values relevant for classification: 	
1330-20-7 xvlene	

lermal L 1-36-3 buta bral L ermal L nhalative L 0-72-2 2,4, pral L 00-41-4 etl pral L	LD50 LD50 LC50/4 h	3,523 mg/kg (rat) 2,000 mg/kg (rabbit) 790 mg/kg (rat) 3,400 mg/kg (rabbit) 8,000 mg/l (rat)
1-36-3 but; pral L ermal L halative L 0-72-2 2,4, pral L 00-41-4 eti pral L	Itan-1-ol LD50 LD50 LC50/4 h	790 mg/kg (rat) 3,400 mg/kg (rabbit) 8,000 mg/l (rat)
Dral L vermal L nhalative L 0-72-2 2,4, vral L 00-41-4 eti vral L	LD50 LD50 LC50/4 h	3,400 mg/kg (rabbit) 8,000 mg/l (rat)
ermal L halative L 0-72-2 2,4, pral L 00-41-4 etl pral L	LD50 LC50/4 h	3,400 mg/kg (rabbit) 8,000 mg/l (rat)
halative L 0-72-2 2,4, pral L 00-41-4 eti pral L	LC50/4 h	8,000 mg/l (rat)
0-72-2 2,4, pral L 00-41-4 etl pral L		
oral L 00-41-4 etl oral L	4,6-tris(di	
00-41-4 etl		methylaminomethyl)phenol
ral L	LD50	2,169 mg/kg (rat)
	thylbenze	ne
	LD50	3,500 mg/kg (rat)
ermal L	LD50	17,800 mg/kg (rabbit)
erious eye espiratory erm cell n arcinogen eproducti TOT-singl TOT-repea	osion/irrita ye damag ry or skin mutageni enicity Bas tive toxici gle expos	ct: ation Causes skin irritation. e/irritation Causes serious eye damage. sensitisation Based on available data, the classification criteria are not met. city Based on available data, the classification criteria are not met. sed on available data, the classification criteria are not met. ty Based on available data, the classification criteria are not met. ure Based on available data, the classification criteria are not met. osure Based on available data, the classification criteria are not met. association criteria are not met. association criteria are not met. osure Based on available data, the classification criteria are not met. Based on available data, the classification criteria are not met. Based on available data, the classification criteria are not met. Based on available data, the classification criteria are not met. Based on available data, the classification criteria are not met. Based on available data, the classification criteria are not met. Based on available data, the classification criteria are not met. Based on available data, the classification criteria are not met. Based on available data, the classification criteria are not met. Based on available data, the classification criteria are not met. Based on available data, the classification criteria are not met. Based on available data, the classification criteria are not met. Based on available data, the classification criteria are not met. Based on available data, the classification criteria are not met. Based on available data, the classification criteria are not met. Based on available data, the classification criteria are not met. Based on available data, the classification criteria are not met. 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 to 1330-20-7	-
	2.2 mg/l (algae)
	>3.4 mg/l (Ceriodaphnia dubia)
	2.6 mg/l (Oncorhynchus mykiss)
	1 mg/l (Daphnia magna)
71-36-3 b	utan-1-ol
EC50/48 h	1,328 mg/l (Daphnia magna)
LC50/96 h	1,376 mg/l (pimephales promelas)
90-72-2 2,	4,6-tris(dimethylaminomethyl)phenol
EC50/96 h	718 mg/l (Palaemonetes vulgaris (grass shrimp))
EC50/72 h	84 mg/l (algae)
LC50/96 h	175 mg/l (Cyprinus carpio)
LC50/24 h	249 mg/l (Cyprinus carpio)
	222 mg/l (Oncorhynchus mykiss)
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100-41-4 ethylbenzene

EC50/72 h 3.6-4.2 mg/l (algae)

EC50/24 h 2.2 mg/l (Daphnia magna)

LC50/96 h 4.2 mg/l (Oncorhynchus mykiss)

- · 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 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.

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

European	nuclo cutalogue
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
HP3	Flammable
HP4	Irritant - skin irritation and eye damage

· Uncleaned packaging:

· Recommendation: Disposal must be made according to official regulations.

Recommended cleansing agents: Water, if necessary together with cleansing agents.

SECTION 14: Transport informa	tion	
Transport in accordance with ADR/RID, IN	IDG and ICAO/IATA.	
 14.1 UN number or ID number ADR/RID/ADN, ADN, IMDG IATA 	Void UN1263	
 14.2 UN proper shipping name ADR/RID/ADN, ADN, IMDG IATA 	Void PAINT	
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[·] 14.3 Transport hazard class(es)	
· ADR/RID/ADN, ADN, IMDG · Class	Void
·IATA	
· Class	3 Flammable liquids.
·Label	3
14.4 Packing group	
· ADR/RID/ADN, IMDG	Void
·IATA	III
 14.5 Environmental hazards: Marine pollutant: 	Νο
· 14.6 Special precautions for user	Not applicable.
14.7 Maritime transport in bulk according	
instruments	Not applicable.
· Transport/Additional information:	
· ADR/RID/ADN	
· Remarks:	Up to 450 litre exempted according to ADR 2.2.3.1.5.
· IMDG	
· Remarks:	Up to 450 litre: Transport in accordance with Packs 2.3.2.5 of the IMDG Code.
· IATA	
· Remarks:	The "viscosity exemption" provisions do NOT apply to ai transport.
· UN "Model Regulation":	Void

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.

· Seveso category P5c FLAMMABLE LIQUIDS

Qualifying quantity (tonnes) for the application of lower-tier requirements 5,000 t

- Qualifying quantity (tonnes) for the application of upper-tier requirements 50,000 t
- 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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· 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. · Department issuing SDS: Product safety department. · Contact: J. Dijkstra Date of previous version: 20.04.2023 · 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 vPvB: very Persistent and very Bioaccumulative Flam. Liq. 2: Flammable liquids - Category 2 Flam. Liq. 3: Flammable liquids - Category 3 Acute Tox. 4: Acute toxicity - Category 4 Skin Irrit. 2: Skin corrosion/irritation - Category 2 Eye Dam. 1: Serious eye damage/eye irritation – Category 1 Eye Irrit. 2: Serious eye damage/eye irritation - Category 2 STOT SE 3: Specific target organ toxicity (single exposure) - Category 3 STOT RE 2: Specific target organ toxicity (repeated exposure) - Category 2 Asp. Tox. 1: Aspiration hazard - Category 1 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.

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