

## Safety data sheet according to 1907/2006/EC, Article 31

Printing date 28.02.2020

Version: 2

Revision: 28.02.2020

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

#### 1.1 Product identifier

**Trade name** V-sure eco latex vormrubber

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

No further relevant information available.

**Life cycle stages** IS Use at industrial Sites

#### Application of the substance / the preparation:

Adhesives

Coating material

Rubber

intermediate

**Uses advised against** No further relevant information available.

#### 1.3 Details of the supplier of the safety data sheet

##### Manufacturer/Supplier:

**Vosschemie Benelux bvba**

**Mechelsesteenweg 303**

**B-2500 Lier**

**Tel: +32 (0)3 489 28 28**

**Fax: +32 (0)3 488 19 27**

**mailto: info@vosschemie-benelux.com**

##### Informing department:

info@vosschemie-benelux.com

#### 1.4 Emergency telephone number:

**Nederland: NVIC: +31 (0)30 274 88 88**

**België: Antigifcentrum: +32 (0)70 245 245**

### SECTION 2: Hazards identification

#### 2.1 Classification of the substance or mixture

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

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** Void

**Signal word** Void

##### Hazard-determining components of labelling:

zinc bis(dibutyl)dithiocarbamate)

##### Hazard statements

H412 Harmful to aquatic life with long lasting effects.

##### Precautionary statements

P273 Avoid release to the environment.

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

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### 2.3 Other hazards

#### Results of PBT and vPvB assessment

**PBT:** Not applicable.

**vPvB:** Not applicable.

## SECTION 3: Composition/information on ingredients

### 3.2 Chemical characterisation: Mixtures

#### Description:

Mixture of the following components with non-hazardous substances:  
Natural latex dispersion

#### Dangerous components:

CAS: 136-23-2	zinc bis(dibutyldithiocarbamate)	≥0.1-≤0.5%
EINECS: 205-232-8	 Aquatic Acute 1, H400; Aquatic Chronic 1, H410	
Index number: 006-081-00-9	 Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1, H317; STOT SE 3, H335	
Reg.nr.: 01-2119535161-51-XXXX		

## SECTION 4: First aid measures

### 4.1 Description of first aid measures

#### General information

Handle in accordance with good industrial hygiene and safe practices.  
Instantly remove any clothing soiled by the product.

**After inhalation** Supply fresh air; consult doctor in case of symptoms.

**After skin contact** Instantly rinse with water.

**After eye contact** Rinse opened eye for several minutes under running water.

#### After swallowing

Rinse out mouth and then drink plenty of water.

Seek medical treatment.

### 4.2 Most important symptoms and effects, both acute and delayed

Gastric or intestinal trouble

Allergic reactions

Sickness/Nausea

**Information for doctor** Symptomatic treatment

**Danger** At swallowing alternatively vomiting eliminate the danger to penetrate the lungs.

### 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

CO<sub>2</sub>, extinguishing powder or water jet. Fight larger fires with water jet or alcohol-resistant foam.

### 5.2 Special hazards arising from the substance or mixture

Can be released in case of fire:

carbon monoxide (CO)

carbon dioxide (CO<sub>2</sub>)

### 5.3 Advice for firefighters

**Protective equipment:** No special measures required.

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### SECTION 6: Accidental release measures

#### 6.1 Personal precautions, protective equipment and emergency procedures

Particular danger of slipping on leaked/spilled product.

Avoid contact with the eyes and skin.

Use breathing protection against the effects of fumes/dust/aerosol.

Ensure adequate ventilation

**6.2 Environmental precautions:** Do not allow product to reach sewage system or water bodies.

#### 6.3 Methods and material for containment and cleaning up:

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders).

Dispose of contaminated material as waste according to chapter 13.

#### 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 information on disposal.

### SECTION 7: Handling and storage

**7.1 Precautions for safe handling** Ensure good ventilation/exhaustion at the workplace.

#### Information about protection against explosions and fires:

Protect against electrostatic charges.

Keep away from combustible materials, open flames and all sources of heat.

#### 7.2 Conditions for safe storage, including any incompatibilities

##### Storage

**Requirements to be met by storerooms and containers:** Store only in the original container.**Information about storage in one common storage facility:** Store away from oxidising agents.

#### Further information about storage conditions:

Keep container tightly sealed.

Protect from heat and direct sunlight.

Protect from frost.

**Recommended storage temperature:** 10-35 °C**Storage class** 12**7.3 Specific end use(s)** No further relevant information available.

### SECTION 8: Exposure controls/personal protection

**Additional information about design of technical systems:** No further data; see chapter 7.

#### 8.1 Control parameters

##### Components with critical values that require monitoring at the workplace:

##### 7664-41-7 ammonia

WEL	Short-term value: 25 mg/m <sup>3</sup> , 35 ppm
	Long-term value: 18 mg/m <sup>3</sup> , 25 ppm

##### DNELs

##### 136-23-2 zinc bis(dibutyldithiocarbamate)

DNEL	2 mg/m <sup>3</sup> (long-term inhalativ consumer systemic) repeated dose toxicity
	6 mg/m <sup>3</sup> (long-term inhalativ worker systemic) repeated dose toxicity

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DNEL	1 mg/kg/day (long-term oral consumer systemic) repeated dose toxicity 480 mg/kg/day (long-term dermal consumer systemic) repeated dose toxicity 800 mg/kg/day (long-term dermal worker systemic) repeated dose toxicity
DNEL	800 mg/kg (long-term dermal worker systemic)

### PNECs

#### 136-23-2 zinc bis(dibutyldithiocarbamate)

PNEC	0.32 µg/l (freshwater) assessment factor: 10 7.4 µg/l (intermittent release) assessment factor: 100 3.65 µg/l (sewage treatment plant) assessment factor: 100 0.032 µg/l (marine water) assessment factor: 100
PNEC	4.56 mg/kg (oral - food) 32 mg/kg (sediment - freshwater) 3.2 mg/kg (sediment - marine water) 6.4 mg/kg (soil)

**Additional information:** The lists that were valid during the compilation were used as basis.

### 8.2 Exposure controls

#### Personal protective equipment

#### General protective and hygienic measures

The usual precautionary measures should be adhered to in handling the chemicals.

Instantly remove any soiled and impregnated garments.

Wash hands during breaks and at the end of the work.

**Breathing equipment:** If product forms vapours or aerosols wear breathing protection.

#### Protection of hands:

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

#### Material of gloves

Nitrile rubber, NBR

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.

#### Penetration time of glove material

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

#### Eye protection:



Tightly sealed safety glasses (EN 166)

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Body protection: Protective work clothing: DIN EN 13034

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### SECTION 9: Physical and chemical properties

#### 9.1 Information on basic physical and chemical properties

##### General Information

##### Appearance:

Form:	Liquid
Colour:	White
Smell:	Aromatic

pH-value (- g/l) at 20 °C: 10.5-11.5

##### Change in condition

Melting point/freezing point: Not determined  
Initial boiling point and boiling range: Not determined

Flash point: Not applicable

Explosive properties: Product is not explosive.

##### Critical values for explosion:

Lower: Not determined.  
Upper: Not determined.

Vapour pressure: Not determined.

Density: Not determined

##### Solubility in / Miscibility with Water:

Not determined.

##### Partition coefficient: n-octanol/water:

136-23-2 | zinc bis(dibutyldithiocarbamate) | 7,04 log POW

##### Viscosity:

dynamic at 20 °C: 50-100 mPas

9.2 Other information: No further relevant information available.

### 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: Reacts with strong oxidizing agents

10.4 Conditions to avoid: Heat, flames, sparks and other sources of ignition

10.5 Incompatible materials: No further relevant information available.

10.6 Hazardous decomposition products: carbon monoxide (CO) and carbon dioxide (CO<sub>2</sub>)

### SECTION 11: Toxicological information

#### 11.1 Information on toxicological effects

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

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**LD/LC50 values that are relevant for classification:****136-23-2 zinc bis(dibutyldithiocarbamate)**

Oral	LD50	>5,000 mg/kg (rat, male/female)
Dermal	LD50	>2,000 mg/kg (rabbit, male/female) (OECD 402)

**Primary irritant effect:****Skin corrosion/irritation** Based on available data, the classification criteria are not met.**Serious eye damage/irritation** Based on available data, the classification criteria are not met.**Respiratory or skin sensitisation**

May cause allergic sensitization of the skin especially as a component in rubber articles.

**CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)****Germ cell mutagenicity** Based on available data, the classification criteria are not met.**Carcinogenicity** Based on available data, the classification criteria are not met.**Reproductive toxicity** Based on available data, the classification criteria are not met.**STOT-single exposure** Based on available data, the classification criteria are not met.**STOT-repeated exposure** Based on available data, the classification criteria are not met.**Aspiration hazard** Based on available data, the classification criteria are not met.**SECTION 12: Ecological information****12.1 Toxicity****Aquatic toxicity:****136-23-2 zinc bis(dibutyldithiocarbamate)**

LC50	>16 mg/l (poecilia reticulata) (96h)
LC50	>16,000 µg/l (poecilia reticulata) (96h)
EC10	166 mg/l (activated sludge) (3h)
EC50	1.1 mg/l (chlorella pyrenoidosa) (OECD 201) (96h) >1 mg/l (daphnia magna) Methods of Acute Toxicity Tests with Fish, Macroinvertebrates and Amphibians. Stephan, C. E., Chairman. 1975. Committee on Methods for Toxicity Tests with Aquatic Organisms. U.S. EPA, Ecol. Res. Ser. 660/3-75009. (24h)
NOEC	0.32 mg/l (brachydanio rerio) (OECD 210) (10d) 0.32 mg/l (danio rerio) 0.032 mg/l (daphnia magna)

**12.2 Persistence and degradability** No further relevant information available.**Other information:** OECD 302F: (98) %**12.3 Bioaccumulative potential**No appreciable bioaccumulation potential is to be expected (log  $P_{ow}$  1-3).**12.4 Mobility in soil** No further relevant information available.**Other information** Adsorption coefficient log  $K_{oc}$  (OECD 121): 6.26 / 20 °C**Ecotoxicological effects:****Remark:**

The product causes an alteration of the pH-value within the testing system. The result refers to the non-neutralised sample.

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**Other information:**

Toxic to aquatic species, do not reach in sewage system.

Rubber and sewage contains rubber must admit in sewage processing plants. Coagulate with aluminium sulphate, iron(II)- or calcium chloride. Coagulate must dispose according to official regulations.

**Additional ecological information:**

**General notes:**

Water hazard class 1 (Self-assessment): slightly hazardous for water.

Do not allow undiluted product or large quantities of it to reach ground water, water bodies or sewage system.

**12.5 Results of PBT and vPvB assessment**

**PBT:** Not applicable.

**vPvB:** Not applicable.

**12.6 Other adverse effects** No further relevant information available.

### SECTION 13: Disposal considerations

**13.1 Waste treatment methods**

**Recommendation**

Waste material must be disposed of in accordance with Directive 2008/98/EC as well as national and local regulations.

Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

**European waste catalogue**

16 00 00	WASTES NOT OTHERWISE SPECIFIED IN THE LIST
16 07 00	wastes from transport tank, storage tank and barrel cleaning (except 05 and 13)
16 07 09*	wastes containing other hazardous substances
07 00 00	WASTES FROM ORGANIC CHEMICAL PROCESSES
07 02 00	wastes from the MFSU of plastics, synthetic rubber and man-made fibres
07 02 12	sludges from on-site effluent treatment other than those mentioned in 07 02 11
HP 14	Ecotoxic

**Uncleaned packagings:**

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

### SECTION 14: Transport information

**14.1 UN-Number**

**ADR/RID/ADN, ADN, IMDG, IATA** Void

**14.2 UN proper shipping name**

**ADR/RID/ADN** Void  
**ADN, IMDG, IATA** Void

**14.3 Transport hazard class(es)**

**ADR/RID/ADN, ADN, IMDG, IATA** Void  
**Class** Void

**14.4 Packing group**

**ADR/RID/ADN, IMDG, IATA** Void

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**14.5 Environmental hazards:****Marine pollutant:** No**14.6 Special precautions for user** not applicable.**14.7 Transport in bulk according to Annex II of Marpol and the IBC Code** not applicable.**Transport/Additional information:** Not dangerous goods according to the above regulations**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 E2** Hazardous to the Aquatic Environment**Qualifying quantity (tonnes) for the application of lower-tier requirements** 200 t**Qualifying quantity (tonnes) for the application of upper-tier requirements** 500 t**REGULATION (EC) No 1907/2006 ANNEX XVII** Conditions of restriction: 3**National regulations****Water hazard class:** Water hazard class 1 (Self-assessment): slightly hazardous for water.**15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.**SECTION 16: Other information**

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

**Relevant phrases**

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H319 Causes serious eye irritation.

H335 May cause respiratory irritation.

H400 Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects.

**Department issuing data specification sheet:** Department Latex**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 européen sur le transport 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

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PBT: Persistent, Bioaccumulative and Toxic  
vPvB: very Persistent and very Bioaccumulative  
Skin Irrit. 2: Skin corrosion/irritation – Category 2  
Eye Irrit. 2: Serious eye damage/eye irritation – Category 2  
Skin Sens. 1: Skin sensitisation – Category 1  
STOT SE 3: Specific target organ toxicity (single exposure) – Category 3  
Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard – Category 1  
Aquatic Chronic 1: Hazardous to the aquatic environment - long-term aquatic hazard – Category 1  
Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3

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