

# Safety Data Sheet

## VEPOLUX 547



Safety Data Sheet dated 19/1/2023, version 11

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

#### 1.1. Product identifier

Mixture identification:  
Trade name: VEPOLUX 547  
Trade code: MIL1170A

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

METAL RICH PRIMER

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

Company:  
N.V.S.C. Srl  
VIA S. MARTINO, 6 - 15028 QUATTORDIO (AL) - ITALIA TEL. +39-0131-773403

Competent person responsible for the safety data sheet:  
g.venezia@nvsc.it





#### 1.4. Emergency telephone number

National Poison Information Service (NPIS) – Birmingham (UK) – [director.birmingham.unit@npis.org](mailto:director.birmingham.unit@npis.org)  
Croatian Institute for Toxicology and Antidoping – Zagreb (HR) – +385 01 46 41 368  
Centro de Informacao Antivenenos Instituto nacional de Emergencia Medica Lisboa (P)- +351 213 303 271  
Norwegian Environment Agency – Trondheim (N) - +47 73 58 05 00 Bloemfontein Poison Control and  
Medicine  
Information Centre – Bloemfontein (ZA) - +27 824 910 160  
Israel Poison Information Centre – Haifa (IL) - +97 248 541 900  
Swiss Toxicological Information Centre – Zurich (CH) - +41 44 251 51 51  
Riyadh Poison Control Center – Riyadh (SA) - +966 111 232 41 89 – [pcc-riyadh@moh.gov.sa](mailto:pcc-riyadh@moh.gov.sa)

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

EC regulation criteria 1272/2008 (CLP)

-  Warning, Flam. Liq. 3, Flammable liquid and vapour.
-  Danger, Eye Dam. 1, Causes serious eye damage.
-  Warning, Aquatic Acute 1, Very toxic to aquatic life.
-  Warning, Aquatic Chronic 1, Very toxic to aquatic life with long lasting effects.

Adverse physicochemical, human health and environmental effects:

No other hazards

#### 2.2. Label elements

Hazard pictograms:



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Danger

Hazard statements:

H226 Flammable liquid and vapour.

H318 Causes serious eye damage.

H410 Very toxic to aquatic life with long lasting effects.

Precautionary statements:

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P273 Avoid release to the environment.

P280 Wear protective gloves/protective clothing/eye protection/face protection/hearing protection/...

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/...

P370+P378 In case of fire: Use ... to extinguish.

P391 Collect spillage.

P403+P235 Store in a well-ventilated place. Keep cool.

Special Provisions:

None

Contains

2-methylpropan-1-ol; iso-butanol

Special provisions according to Annex XVII of REACH and subsequent amendments:

None

2.3. Other hazards

No PBT, vPvB or endocrine disruptor substances present in concentration  $\geq 0.1\%$

Other Hazards:

No other hazards



### SECTION 3: Composition/information on ingredients

3.1. Substances

N.A.















3.2. Mixtures

Hazardous components within the meaning of the CLP regulation and related classification:

Qty	Name	Ident. Number	Classification
$\geq 80\%$ - < 90%	zinc powder - zinc dust (stabilised)	Index 030-001-01-9 number: CAS: 7440-66-6 EC: 231-175-3 REACH No.: 01-211946717 4-37	 4.1/A1 Aquatic Acute 1 H400  4.1/C1 Aquatic Chronic 1 H410 Specific Concentration Limits: C $\geq 25\%$ : Aquatic Acute 1 H400 C $\geq 25\%$ : Aquatic Chronic 1 H410 2,5% $\leq$ C < 25%: Aquatic Chronic 2 H411 0,25% $\leq$ C < 2,5%: Aquatic Chronic 3 H412

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			C >= 25%: Aquatic Chronic 4 H413
>= 3% - < 5%	2-methylpropan-1-ol ; iso-butanol	Index number: 603-108-00-1 CAS: 78-83-1 EC: 201-148-0 REACH No.: 01-21194846 09-23	 2.6/3 Flam. Liq. 3 H226  3.2/2 Skin Irrit. 2 H315  3.3/1 Eye Dam. 1 H318  3.8/3 STOT SE 3 H335 Specific Concentration Limits: C >= 10%: Skin Irrit. 2 H315 C >= 3%: Eye Dam. 1 H318 1% <= C < 3%: Eye Irrit. 2 H319 C >= 20%: STOT SE 3 H335 C >= 20%: undefined H336
>= 3% - < 5%	2-methoxy-1-methyl ethyl acetate	Index number: 607-195-00-7 CAS: 108-65-6 EC: 203-603-9 REACH No.: 01-211947579 1-29	 2.6/3 Flam. Liq. 3 H226  3.8/3 STOT SE 3 H336
>= 1% - < 2.5%	xylene	Index number: 601-022-00-9 CAS: 1330-20-7 EC: 215-535-7 REACH No.: 01-211948821 6-32	 2.6/3 Flam. Liq. 3 H226  3.10/1 Asp. Tox. 1 H304  3.1/4/Dermal Acute Tox. 4 H312  3.2/2 Skin Irrit. 2 H315  3.3/2 Eye Irrit. 2 H319  3.1/4/Inhal Acute Tox. 4 H332  3.8/3 STOT SE 3 H335  3.9/2 STOT RE 2 H373 Specific Concentration Limits: C >= 10%: Asp. Tox. 1 H304 C >= 10%: Skin Irrit. 2 H315 C >= 10%: Eye Irrit. 2 H319 C >= 20%: STOT SE 3 H335 C >= 10%: STOT RE 2 H373

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

In case of skin contact:

Immediately take off all contaminated clothing.

Areas of the body that have - or are only even suspected of having - come into contact with the product must be rinsed immediately with plenty of running water and possibly with soap.

Wash thoroughly the body (shower or bath).

Remove contaminated clothing immediately and dispose off safely.

After contact with skin, wash immediately with soap and plenty of water.

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In case of eyes contact:

After contact with the eyes, rinse with water with the eyelids open for a sufficient length of time, then consult an ophthalmologist immediately.

Protect uninjured eye.

In case of Ingestion:

Do not under any circumstances induce vomiting. OBTAIN A MEDICAL EXAMINATION IMMEDIATELY.

In case of Inhalation:

Remove casualty to fresh air and keep warm and at rest.

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

None

4.3. Indication of any immediate medical attention and special treatment needed

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

Treatment:

None

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### SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media:

Water.

Carbon dioxide (CO<sub>2</sub>).

In case of fire: Use ... to extinguish.

Extinguishing media which must not be used for safety reasons:

None in particular.

5.2. Special hazards arising from the substance or mixture

Do not inhale explosion and combustion gases.

Burning produces heavy smoke.

Hazardous combustion products:

5.3. Advice for firefighters

Use suitable breathing apparatus .

Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

Move undamaged containers from immediate hazard area if it can be done safely.

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### SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

For non emergency personnel:

Wear personal protection equipment.

Remove persons to safety.

See protective measures under point 7 and 8.

For emergency responders:

Wear personal protection equipment.

6.2. Environmental precautions

Do not allow to enter into soil/subsoil. Do not allow to enter into surface water or drains.

Retain contaminated washing water and dispose it.

In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.

Suitable material for taking up: absorbing material, organic, sand

6.3. Methods and material for containment and cleaning up

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- Wash with plenty of water.
- 6.4. Reference to other sections  
See also section 8 and 13

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### SECTION 7: Handling and storage

- 7.1. Precautions for safe handling  
Avoid contact with skin and eyes, inhalation of vapours and mists.  
Don't use empty container before they have been cleaned.  
Before making transfer operations, assure that there aren't any incompatible material residuals in the containers.  
See also section 8 for recommended protective equipment.  
Advice on general occupational hygiene:  
Contaminated clothing should be changed before entering eating areas.  
Do not eat or drink while working.
- 7.2. Conditions for safe storage, including any incompatibilities  
Always keep the containers tightly closed.  
Keep away from food, drink and feed.  
Incompatible materials:  
None in particular.  
Instructions as regards storage premises:  
Adequately ventilated premises.  
Packaging materials:
- 7.3. Specific end use(s)  
None in particular

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### SECTION 8: Exposure controls/personal protection

- 8.1. Control parameters
- 2-methylpropan-1-ol; iso-butanol - CAS: 78-83-1  
- OEL Type: EPY\_TLV-ACGIH - TWA: 152 mg/m<sup>3</sup>, 50 ppm  
- OEL Type: ACGIH - TWA(8h): 50 ppm - Notes: Skin and eye irr
- 2-methoxy-1-methylethyl acetate - CAS: 108-65-6  
- OEL Type: EPY\_OEL - TWA: 275 mg/m<sup>3</sup>, 50 ppm - STEL: 550 mg/m<sup>3</sup>, 100 ppm  
- OEL Type: EU - TWA(8h): 275 mg/m<sup>3</sup>, 50 ppm - STEL: 550 mg/m<sup>3</sup>, 100 ppm  
- Notes: Skin
- xylene - CAS: 1330-20-7  
- OEL Type: EPY\_TLV-ACGIH - TWA: 434 mg/m<sup>3</sup>, 100 ppm - STEL: 651 mg/m<sup>3</sup>, 150 ppm  
- OEL Type: EPY\_OEL - TWA: 221 mg/m<sup>3</sup>, 50 ppm - STEL: 442 mg/m<sup>3</sup>, 100 ppm  
- OEL Type: EPY\_TLV - TWA: 50 mg/m<sup>3</sup> - STEL: 100 mg/m<sup>3</sup>  
- OEL Type: EU - TWA(8h): 221 mg/m<sup>3</sup>, 50 ppm - STEL: 442 mg/m<sup>3</sup>, 100 ppm  
- Notes: Skin  
- OEL Type: ACGIH - TWA(8h): 20 ppm - Notes: A4, BEI - URT and eye irr; hematologic eff; CNS impair
- DNEL Exposure Limit Values
- zinc powder - zinc dust (stabilised) - CAS: 7440-66-6  
Worker Professional: 50 06 - Exposure: Human Dermal - Frequency: Long Term, systemic effects  
Consumer: 2.5 04 - Exposure: Human Inhalation - Frequency: Long Term, systemic effects

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- Worker Professional: 5 04 - Exposure: Human Inhalation - Frequency: Long Term, systemic effects  
Consumer: 5000 06 - Exposure: Human Dermal - Frequency: Long Term, systemic effects  
Worker Professional: 5000 06 - Exposure: Human Dermal - Frequency: Long Term, systemic effects
- 2-methylpropan-1-ol; iso-butanol - CAS: 78-83-1  
Consumer: 25 06 - Exposure: Human Dermal - Frequency: Long Term, systemic effects
- 2-methoxy-1-methylethyl acetate - CAS: 108-65-6  
Worker Professional: 153.5 03 - Exposure: Human Dermal - Frequency: Long Term, systemic effects  
Worker Professional: 275 04 - Exposure: Human Inhalation - Frequency: Long Term, systemic effects  
Consumer: 54.8 03 - Exposure: Human Dermal - Frequency: Long Term, systemic effects  
Consumer: 33 04 - Exposure: Human Inhalation - Frequency: Long Term, systemic effects  
Consumer: 1.67 03 - Exposure: Human Inhalation - Frequency: Long Term, systemic effects
- xylene - CAS: 1330-20-7  
Consumer: 174 04 - Exposure: Human Inhalation - Frequency: Short Term, systemic effects  
Consumer: 108 03 - Exposure: Human Dermal - Frequency: Long Term, systemic effects  
Consumer: 14.8 04 - Exposure: Human Inhalation - Frequency: Long Term, systemic effects  
Consumer: 1.6 03 - Exposure: Human Inhalation - Frequency: Long Term, systemic effects  
Worker Professional: 189 mg/kg - Exposure: Human Inhalation - Frequency: Short Term, systemic effects  
Worker Professional: 180 03 - Exposure: Human Dermal - Frequency: Long Term, systemic effects  
Worker Professional: 77 04 - Exposure: Human Inhalation - Frequency: Long Term, systemic effects
- PNEC Exposure Limit Values
- zinc powder - zinc dust (stabilised) - CAS: 7440-66-6  
Target: Marine water sediments - Value: 56.5 mg/kg  
Target: Microorganisms in sewage treatments - Value: 0.052 mg/l  
Target: 09 - Value: 35.6 mg/kg  
Target: Fresh Water - Value: 0.0206 mg/l  
Target: Marine water - Value: 0.0061 mg/l  
Target: Freshwater sediments - Value: 118 mg/kg
- 2-methylpropan-1-ol; iso-butanol - CAS: 78-83-1  
Target: Fresh Water - Value: 4 mg/l  
Target: Freshwater sediments - Value: 152 mg/kg  
Target: 10 - Value: 11 mg/l  
Target: Microorganisms in sewage treatments - Value: 10 mg/l  
Target: 09 - Value: 699 mg/kg
- 2-methoxy-1-methylethyl acetate - CAS: 108-65-6  
Target: Fresh Water - Value: 0.635 mg/l  
Target: Marine water - Value: 0.0635 mg/l

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Target: 09 - Value: 0.29 mg/kg  
 Target: Freshwater sediments - Value: 3.29 mg/kg  
 Target: Marine water sediments - Value: 0.329 mg/kg  
 Target: Microorganisms in sewage treatments - Value: 100 mg/l  
 xylene - CAS: 1330-20-7  
 Target: Fresh Water - Value: 0.32 mg/l  
 Target: Marine water - Value: 0.32 mg/l  
 Target: Microorganisms in sewage treatments - Value: 6.58 mg/kg  
 Target: 10 - Value: 0.32 mg/l  
 Target: Freshwater sediments - Value: 12.46 mg/kg  
 Target: Marine water sediments - Value: 12.46 mg/kg

### 8.2. Exposure controls

#### Eye protection:

Use close fitting safety goggles, don't use eye lens.

#### Protection for skin:

No special precaution must be adopted for normal use.

#### Protection for hands:

Use protective gloves that provides comprehensive protection, e.g. P.V.C., neoprene or rubber.

#### Respiratory protection:

Not needed for normal use.

#### Thermal Hazards:

None

#### Environmental exposure controls:

None

#### Appropriate engineering controls:

None

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## SECTION 9: Physical and chemical properties

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

Properties	Value	Method:	Notes
Physical state:	Liquid	--	--
Colour:	Grey	--	--
Odour:	Characteristic	--	--
Melting point/freezing point:	N.A.	--	--
Boiling point or initial boiling point and boiling range:	122°C	--	--
Flammability:	Flam. Liq. 3, H226	--	--
Lower and upper explosion limit:	N.A.	--	--
Flash point:	25 ° C	--	--
Auto-ignition temperature:	330°C	--	--
Decomposition temperature:	N.A.	--	--
pH:	N.A.	--	--

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Kinematic viscosity:	> 20,5 mm <sup>2</sup> /sec (40 °C)	--	--
Solubility in water:	INSOL	--	--
Solubility in oil:	N.A.	--	--
Partition coefficient n-octanol/water (log value):	N.A.	--	--
Vapour pressure:	N.A.	--	--
Density and/or relative density:	3.25 g/ml	--	--
Relative vapour density:	N.A.	--	--

#### Particle characteristics:

Particle size:	N.A.	--	--
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#### 9.2. Other information

Properties	Value	Method:	Notes
Explosive properties:	No	--	--
Viscosity:	>20.5 mm <sup>2</sup> /s 40°C	--	--
Oxidizing properties:	No	--	--

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## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Stable under normal conditions

### 10.2. Chemical stability

Stable under normal conditions

### 10.3. Possibility of hazardous reactions

None

### 10.4. Conditions to avoid

Stable under normal conditions.

### 10.5. Incompatible materials

None in particular.

### 10.6. Hazardous decomposition products

None.

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## SECTION 11: Toxicological information

### 11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Toxicological information of the product:

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#### a) acute toxicity

Not classified

Based on available data, the classification criteria are not met

#### b) skin corrosion/irritation

Not classified

Based on available data, the classification criteria are not met

#### c) serious eye damage/irritation

The product is classified: Eye Dam. 1 H318

#### d) respiratory or skin sensitisation



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- Not classified  
Based on available data, the classification criteria are not met
- e) germ cell mutagenicity  
Not classified  
Based on available data, the classification criteria are not met
- f) carcinogenicity  
Not classified  
Based on available data, the classification criteria are not met
- g) reproductive toxicity  
Not classified  
Based on available data, the classification criteria are not met
- h) STOT-single exposure  
Not classified  
Based on available data, the classification criteria are not met
- i) STOT-repeated exposure  
Not classified  
Based on available data, the classification criteria are not met
- j) aspiration hazard  
Not classified  
Based on available data, the classification criteria are not met
- Toxicological information of the main substances found in the product:
- 2-methylpropan-1-ol; iso-butanol - CAS: 78-83-1
- a) acute toxicity:  
Test: LD50 - Route: EPY\_DERMAL 2460 - Notes: Rabbit  
Test: LC50 - Route: EPY\_INHALATION 19.2 - Notes: Rat  
Test: LD50 - Route: EPY\_ORAL 2460 - Notes: Rat
- 2-methoxy-1-methylethyl acetate - CAS: 108-65-6
- a) acute toxicity:  
Test: LD50 - Route: EPY\_DERMAL EPY\_> 5000 - Notes: Rat  
Test: LD50 - Route: EPY\_ORAL 8530 - Notes: Rat
- xylene - CAS: 1330-20-7
- a) acute toxicity:  
Test: LD50 - Route: EPY\_DERMAL 4350 - Notes: Rabbit  
Test: LC50 - Route: EPY\_INHALATION 26 - Notes: Rat  
Test: LD50 - Route: EPY\_ORAL 3523 - Notes: Rat

#### 11.2. Information on other hazards

Endocrine disrupting properties:

No endocrine disruptor substances present in concentration  $\geq 0.1\%$

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## SECTION 12: Ecological information

### 12.1. Toxicity

Adopt good working practices, so that the product is not released into the environment.

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The product is classified: Aquatic Acute 1 - H400; Aquatic Chronic 1 - H410  
zinc powder - zinc dust (stabilised) - CAS: 7440-66-6

##### a) Aquatic acute toxicity:

Endpoint: LC50 - Species: Fish 7.1 - Duration h: 96h - Notes: Nothobranchius guentheri

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Endpoint: EC50 - Species: Daphnia 2.8 - Duration h: 48h - Notes: Daphnia magna

Endpoint: EPY\_IC50 - Species: Algae 0.015 - Duration h: 72h - Notes: Pseudokirchneriella subcapitata

### 12.2. Persistence and degradability

N.A.

### 12.3. Bioaccumulative potential

N.A.

### 12.4. Mobility in soil

N.A.

### 12.5. Results of PBT and vPvB assessment

vPvB Substances: None - PBT Substances: None

### 12.6. Endocrine disrupting properties

No endocrine disruptor substances present in concentration  $\geq 0.1\%$

### 12.7. Other adverse effects

None

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## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Recover if possible. In so doing, comply with the local and national regulations currently in force.

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## SECTION 14: Transport information



### 14.1. UN number or ID number

ADR-UN Number: 1263

ADR/RID/ADN-UN Number: 1263

ADR/RID-UN Number: 1263

ADR/ADN-UN Number: 1263

IATA-UN Number: 1263

IMDG-UN Number: 1263

### 14.2. UN proper shipping name

ADR-Shipping Name: PAINT

ADR/RID-Shipping Name: PAINT

ADR/ADN-Shipping Name: PAINT

ADR/RID/ADN-Shipping Name: PAINT

IATA-Shipping Name: PAINT

IMDG-Shipping Name: PAINT

### 14.3. Transport hazard class(es)

ADR-Class: 3

ADR/RID-Class: 3

ADR/ADN-Class: 3

ADR/RID/ADN-Class: 3

ADR - Hazard identification number: 30

IATA-Class: 3

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IATA-Label:	3
IMDG-Class:	3
14.4. Packing group	
ADR-Packing Group:	III
ADR/RID-Packing Group:	III
ADR/ADN-Packing Group:	III
ADR/RID/ADN-Packing Group:	III
IATA-Packing group:	III
IMDG-Packing group:	III
14.5. Environmental hazards	
ADR-Environmental Pollutant:	Yes
IMDG-Marine pollutant:	Marine Pollutant
Most important toxic component:	zinc powder - zinc dust (stabilised)
IMDG-EmS:	F-E , S-E
14.6. Special precautions for user	
ADR-Subsidiary hazards:	-
ADR-S.P.:	163 367 650
ADR-Transport category (Tunnel restriction code):	3 (D/E)
IATA-Passenger Aircraft:	355
IATA-Subsidiary hazards:	-
IATA-Cargo Aircraft:	366
IATA-S.P.:	A3 A72 A192
IATA-ERG:	3L
IMDG-Subsidiary hazards:	-
IMDG-Stowage and handling:	Category A
IMDG-Segregation:	-
14.7. Maritime transport in bulk according to IMO instruments	
N.A.	

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### SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Dir. 98/24/EC (Risks related to chemical agents at work)  
Dir. 2000/39/EC (Occupational exposure limit values)  
Regulation (EC) n. 1907/2006 (REACH)  
Regulation (EC) n. 1272/2008 (CLP)  
Regulation (EC) n. 790/2009 (ATP 1 CLP) and (EU) n. 758/2013  
Regulation (EU) n. 2020/878  
Regulation (EU) n. 286/2011 (ATP 2 CLP)  
Regulation (EU) n. 618/2012 (ATP 3 CLP)  
Regulation (EU) n. 487/2013 (ATP 4 CLP)  
Regulation (EU) n. 944/2013 (ATP 5 CLP)  
Regulation (EU) n. 605/2014 (ATP 6 CLP)  
Regulation (EU) n. 2015/1221 (ATP 7 CLP)  
Regulation (EU) n. 2016/918 (ATP 8 CLP)  
Regulation (EU) n. 2016/1179 (ATP 9 CLP)  
Regulation (EU) n. 2017/776 (ATP 10 CLP)  
Regulation (EU) n. 2018/669 (ATP 11 CLP)  
Regulation (EU) n. 2018/1480 (ATP 13 CLP)  
Regulation (EU) n. 2019/521 (ATP 12 CLP)  
Regulation (EU) n. 2020/217 (ATP 14 CLP)

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Regulation (EU) n. 2020/1182 (ATP 15 CLP)

Regulation (EU) n. 2021/643 (ATP 16 CLP)

Regulation (EU) n. 2021/849 (ATP 17 CLP)

Regulation (EU) n. 2022/692 (ATP 18 CLP)

Restrictions related to the product or the substances contained according to Annex XVII Regulation (EC) 1907/2006 (REACH) and subsequent modifications:

Restrictions related to the product:

Restriction 3

Restriction 40

Restrictions related to the substances contained:

Restriction 75

Where applicable, refer to the following regulatory provisions :

Directive 2012/18/EU (Seveso III)

Regulation (EC) nr 648/2004 (detergents).

Dir. 2004/42/EC (VOC directive)

Provisions related to directive EU 2012/18 (Seveso III):

Seveso III category according to Annex 1, part 1

Product belongs to category: P5c, E1

15.2. Chemical safety assessment

No Chemical Safety Assessment has been carried out for the mixture.

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### SECTION 16: Other information

Full text of phrases referred to in Section 3:

H400 Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects.

H411 Toxic to aquatic life with long lasting effects.

H412 Harmful to aquatic life with long lasting effects.

H413 May cause long lasting harmful effects to aquatic life.

H226 Flammable liquid and vapour.

H315 Causes skin irritation.

H318 Causes serious eye damage.

H335 May cause respiratory irritation.

H319 Causes serious eye irritation.

H336 May cause drowsiness or dizziness.

H304 May be fatal if swallowed and enters airways.

H312 Harmful in contact with skin.

H332 Harmful if inhaled.

H373 May cause damage to organs through prolonged or repeated exposure.

Hazard class and hazard category	Code	Description
Flam. Liq. 3	2.6/3	Flammable liquid, Category 3
Acute Tox. 4	3.1/4/Dermal	Acute toxicity (dermal), Category 4
Acute Tox. 4	3.1/4/Inhal	Acute toxicity (inhalation), Category 4
Asp. Tox. 1	3.10/1	Aspiration hazard, Category 1
Skin Irrit. 2	3.2/2	Skin irritation, Category 2
Eye Dam. 1	3.3/1	Serious eye damage, Category 1
Eye Irrit. 2	3.3/2	Eye irritation, Category 2
STOT SE 3	3.8/3	Specific target organ toxicity - single

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		exposure, Category 3
undefined	3.8/4	
STOT RE 2	3.9/2	Specific target organ toxicity - repeated exposure, Category 2
Aquatic Acute 1	4.1/A1	Acute aquatic hazard, category 1
Aquatic Chronic 1	4.1/C1	Chronic (long term) aquatic hazard, category 1
Aquatic Chronic 2	4.1/C2	Chronic (long term) aquatic hazard, category 2
Aquatic Chronic 3	4.1/C3	Chronic (long term) aquatic hazard, category 3
Aquatic Chronic 4	4.1/C4	Chronic (long term) aquatic hazard, category 4

This safety data sheet has been completely updated in compliance to Regulation 2020/878.

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:

<b>Classification according to Regulation (EC) Nr. 1272/2008</b>	<b>Classification procedure</b>
Flam. Liq. 3, H226	On basis of test data
Eye Dam. 1, H318	Calculation method
Aquatic Acute 1, H400	Calculation method
Aquatic Chronic 1, H410	Calculation method

This document was prepared by a competent person who has received appropriate training.

Main bibliographic sources:

ECDIN - Environmental Chemicals Data and Information Network - Joint Research Centre, Commission of the European Communities

SAX's DANGEROUS PROPERTIES OF INDUSTRIAL MATERIALS - Eight Edition - Van Nostrand Reinold

The information contained herein is based on our state of knowledge at the above-specified date. It refers solely to the product indicated and constitutes no guarantee of particular quality.

It is the duty of the user to ensure that this information is appropriate and complete with respect to the specific use intended.

This MSDS cancels and replaces any preceding release.

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road.

ATE: Acute Toxicity Estimate

ATEmix: Acute toxicity Estimate (Mixtures)

CAS: Chemical Abstracts Service (division of the American Chemical Society).

CLP: Classification, Labeling, Packaging.

DNEL: Derived No Effect Level.

EINECS: European Inventory of Existing Commercial Chemical Substances.

GefStoffVO: Ordinance on Hazardous Substances, Germany.

## Safety Data Sheet

### VEPOLUX 547

GHS:	Globally Harmonized System of Classification and Labeling of Chemicals.
IATA:	International Air Transport Association.
IATA-DGR:	Dangerous Goods Regulation by the "International Air Transport Association" (IATA).
ICAO:	International Civil Aviation Organization.
ICAO-TI:	Technical Instructions by the "International Civil Aviation Organization" (ICAO).
IMDG:	International Maritime Code for Dangerous Goods.
INCI:	International Nomenclature of Cosmetic Ingredients.
KSt:	Explosion coefficient.
LC50:	Lethal concentration, for 50 percent of test population.
LD50:	Lethal dose, for 50 percent of test population.
PNEC:	Predicted No Effect Concentration.
RID:	Regulation Concerning the International Transport of Dangerous Goods by Rail.
STEL:	Short Term Exposure limit.
STOT:	Specific Target Organ Toxicity.
TLV:	Threshold Limiting Value.
TWA:	Time-weighted average
WGK:	German Water Hazard Class.