

# VINCENTS POLYLINE SIA

## PRODUCT SAFETY DATA SHEET / INFORMATION ON CHEMICAL SUBSTANCE OR PRODUCT

In accordance with the Regulations of the European Parliament and of the Council (EC) No. 453/2010 of 20.05.2010. and No. 1907/2006 of 18.12.2006

Date: 13 September 2013

### RUST OFF

Version No. 1.0

Date of printing:2/25/2019

## 1. IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND ENTERPRISE / COMPANY

### .1. Product identification

Trade name: **Rust-off**

### 1.2. Recommended use or restrictions of use

Use of the substance                      Rust converter – primer.  
Use in accordance with the  
instruction developed by the company.

### 1.3. Information on the supplier of safety data sheet:

1.2.1 Producer/importer                      SIA Vincents Polyline

1.2.2 Enterprise register number              40003358071

1.2.3 Full address                              Cīruļu iela 29, Kalngale, Carnikavas nov.,  
LV-2163

Telephone:                                      +371-67903272

Fax    +371-67903370

e- mail    [polyline@polyline.vincents.lv](mailto:polyline@polyline.vincents.lv)

Responsible person/Data issuing  
person

1.2.4 **In the event of emergency situations call**              Emergency medical care: 03 or 113  
Rescue service: 112  
Telephone nos. of the toxicology centre:  
+371-67042468,  
+371-67042468 (on a 24 hour basis)

## 2. HAZARD IDENTIFICATION

### 2.1. Mixture classification

**Classification in accordance with EC Regulation No. 1272/2008:**

Skin Irrit. cat.2; H315  
Eye Irrit. cat.2; H319

**Classification in accordance with 67/548/EEC and 1999/45/EC Directives:**

Xi – Irritant  
R36/38

# VINCENTS POLYLINE SIA

## PRODUCT SAFETY DATA SHEET / INFORMATION ON CHEMICAL SUBSTANCE OR PRODUCT

In accordance with the Regulations of the European Parliament and of the Council (EC) No. 453/2010 of 20.05.2010. and No. 1907/2006 of 18.12.2006

Date: 13 September 2013

### RUST OFF

Version No. 1.0

Date of printing: 2/25/2019

#### 2.2. Label elements

Labelling in accordance with EC Regulation No. 1272/2008:

Hazard pictogram:



Signal Word:

Caution

Precautionary phrases:

Skin Irrit. cat.2; H315  
Eye Irrit. cat.2; H319

Safety phrases:

#### Prevention:

P102 Keep out of reach of children.  
P264 Wash your hands thoroughly after use.  
P280 Use protective gloves/eye protection/face protection.

#### Reaction:

P305 + P351 + P338 IF IN EYES: rinse cautiously with water for several minutes. Remove contact lenses, if they are inserted and, if it is possible to remove them easily. Continue to rinse.  
P337+P313 If eye irritation persists: seek medical assistance.  
P302 + P352 IF ON SKIN: Wash with plenty of soap and water.  
P321 If skin irritation occurs: seek medical assistance.  
P362 Take off contaminated clothing and wash before reuse.

#### Storing:

Not applicable

#### Disposal:

2.3. Additional hazards and instructions:

May cause undesirable effect in water environment, by changing its pH.

2.4. Active substances


2.5. Biocide inventory No.:

2.6. Additional information:

### 3. INFORMATION ABOUT THE CONSTITUENTS

Brief description of the product Mixture

#### 3.1. Hazardous components of the mixture:

Chemical name	CAS No./ EC No./ REACH registration number	Classification (67/548/EEC and 1999/45/EC)	Classification (REGULATION (EC) No. 1272/2008)	Concentration [%]
1-Butoxypropan-2-ol	5131-66-8/ 225-878-4	Xi – Irritant R36/38	 Caution Skin Irrit. cat.2; H315 Eye Irrit. cat.2; H319	≤ 2.00

# VINCENTS POLYLINE SIA

## PRODUCT SAFETY DATA SHEET / INFORMATION ON CHEMICAL SUBSTANCE OR PRODUCT


In accordance with the Regulations of the European Parliament and of the Council (EC) No. 453/2010 of 20.05.2010. and No. 1907/2006 of 18.12.2006

Date: 13 September 2013

### RUST OFF

Version No. 1.0

Date of printing:2/25/2019

Vinyl acrylate copolymer		Xi – Irritant R36/38	 Caution Skin Irrit. cat.2; H315 Eye Irrit. cat.2; H319	≤ 55.00
--------------------------	--	-------------------------	---	---------

#### 4. FIRST AID MEASURES

##### 4.1. Description of first aid measures

General information

Inhalation

Move the victim into fresh air. If breathing is difficult, give oxygen or perform CPR. Seek the assistance of a physician.

Skin contact

Immediately take off the contaminated clothing and footwear. Wash the skin with plenty of water. Consult a physician.

Eye contact

Immediately rinse the eyes under running water for 15 min., including rinsing under the eyelids, while keeping them widely open. Remove contact lenses. Protect the unaffected eye. If necessary, receive medical care.

Ingestion

Rinse the mouth and drink plenty of water. Do not induce vomiting. If the victim has lost conscience, nothing may be given to them. Immediately provide medical assistance to the victim.

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

Symptoms

Irritates skin. If ingested, affects mouth, throat and stomach.

##### 4.3. Indication of the need for immediate medical attention and special treatment

Therapy

Provide care in accordance with the symptoms. Upon ingesting a large quantity, contact a toxicologist immediately.

#### 5. FIRE FIGHTING MEASURES

##### 5.1. Suitable extinguishing media

Dry powder extinguishers, foam, carbon dioxide, spraying of water. Spraying of water may be used for the cooling of overheated containers.

##### 5.2. Specific hazards arising from the chemical or mixture

Specific hazard during a fire:

The mixture is not combustible, flammable or explosive. Irritating and

# VINCENTS POLYLINE SIA

## PRODUCT SAFETY DATA SHEET / INFORMATION ON CHEMICAL SUBSTANCE OR PRODUCT

In accordance with the Regulations of the European Parliament and of the Council (EC) No. 453/2010 of 20.05.2010. and No. 1907/2006 of 18.12.2006

Date: 13 September 2013

### RUST OFF

Version No. 1.0

Date of printing: 2/25/2019

toxic gases – carbon monoxide, aldehydes and organic acids may be released as a result of burning or heating.

#### 5.3. Special precautions for fire fighters

Special protective equipment: Pressurised breathing apparatus with full mask and independent air supply must be worn for the safety of fire fighters.

Additional information: All personal protective equipment must be used while extinguishing the fire.

#### 6. ACCIDENTAL RELEASE MEASURES

- 6.1. Personnel protection:** Wear appropriate personal protective equipment as indicated in Section 8.3. Ensure appropriate exhaust – supply ventilation.
- 6.2. Environmental protection:** Avoid leaks of the substance into the soil, sewerage and water bodies. If the product enters water bodies, inform the respective authorities. No special environmental safety measures are required.
- 6.3. Methods for containment** Collect the mixture with an absorbing material (sand, earth, sorbent) and deliver for the collection of waste. Rinse the contaminated area with plenty of water.
- 6.4. References to other sections** For personal protection measures, see Section 8. For information on the disposal of substance or packaging, see Section 13.

#### 7. HANDLING AND STORAGE OF THE SUBSTANCE / PRODUCT

- 7.1. Precautions for safe handling** For information on hygiene measures in order to ensure personal protection of personnel, see Section 8.
- Advice for safe handling: Do not inhale vapour and do not use the mixture orally. Use personal protective equipment, while working with the product. Wash your hands before breaks and after work. Do not eat, drink or smoke during the use of the product.
- Recommendations for the use of protective measures against fire or explosion: Protect from sources of fire and heat. The mixture is not combustible, flammable or explosive. However, irritating and toxic gases – boron and sodium oxides can be released as a result of burning or heating.
- 7.2. Storage. Requirements for safe storage and storage conditions to be avoided.** Store in dry, dark or well ventilated, fire-safe premises in tightly sealed original containers at temperatures from +5 to +30 °C.
- 7.3. Specific instructions of use** Not applicable

#### 8. EXPOSURE CONTROL / PERSONNEL PROTECTION

- 8.1. Control parameters** The limit concentration of exposure is not known.

# VINCENTS POLYLINE SIA

## PRODUCT SAFETY DATA SHEET / INFORMATION ON CHEMICAL SUBSTANCE OR PRODUCT

In accordance with the Regulations of the European Parliament and of the Council (EC) No. 453/2010 of 20.05.2010. and No. 1907/2006 of 18.12.2006

Date: 13 September 2013

### RUST OFF

Version No. 1.0

Date of printing: 2/25/2019

#### 8.2. Exposure control

Has not been determined for the mixture (substance solution in water)

#### 8.3. Personal protective equipment of personnel:

- **for airways** Full-face respirator must be used in the event of mixture spraying or in the event of using the mixture in poorly ventilated premises.
- **for hands** To wear clothes, for instance, made from nitrile rubber material.
- **for eyes** Tightly fitting protective goggles with side shields
- **for skin and body** Protective work clothing and protective footwear
- **hygiene measures** Act in accordance with good industrial, hygienic and safety practice. Wash your hands before breaks and after the end of the business day.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

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

External appearance	Liquid
Colour	Light brown
Odour	Without definite odour
Odour threshold	Information not available
pH	~ 4
Melting point/interval	Not applicable
Boiling point/ boiling range	Not determined
Flash point	Unclassified. The substance does not sustain fire in accordance with transportation regulations.
Flammability (solid substance, gas)	Not applicable
Relative vapour density	Not determined
Density	1.39 – 1.42 kg/m <sup>3</sup> (20 °C)
Solubility in water	Is dissolved
Solubility in other solvents	Not determined

# VINCENTS POLYLINE SIA

## PRODUCT SAFETY DATA SHEET / INFORMATION ON CHEMICAL SUBSTANCE OR PRODUCT

In accordance with the Regulations of the European Parliament and of the Council (EC) No. 453/2010 of 20.05.2010. and No. 1907/2006 of 18.12.2006

Date: 13 September 2013

### RUST OFF

Version No. 1.0

Date of printing: 2/25/2019

Distribution quotient:  
n-octanol/water

N.d.a.

Auto-ignition temperature

Decomposes upon heating

Thermal decomposition  
Explosiveness

N.d.a.

Oxidising properties

Is not hazardous

N.d.a.

#### 9.2. Additional information

Maximum upper explosion  
pressure:

Not applicable.

Minimum ignition energy:

Not applicable.

#### 10. STABILITY AND REACTIVITY INFORMATION

##### 10.1. Reactivity

Without hazard.

##### 10.2. Chemical stability

Stable, if recommended storage conditions are maintained

##### 10.3. Probability of hazardous reactions

Under normal conditions of use and storage no hazardous reactions will occur

##### 10.4. 10.4. Conditions to be avoided

No specific data are available

##### 10.5. 10.4. Materials to be avoided

Alkali, strong oxidising agents

##### 10.6. Hazardous decomposition products

None, if used in accordance with the instructions.

#### 11. TOXICOLOGICAL INFORMATION

##### 11.1. Information on toxicological action

Acute toxicity (internal use)

Acute dermal toxicity

1-butoxypropan-2-ol  
LD50 rats 2,200 mg/kg

Skin corrosion/irritation

The mixture may cause skin irritation (calculation method)

Severe eye impairments/eye  
irritation

The mixture may cause eye irritation (calculation method)

Breathing or skin sensitisation

The mixture does not have sensitising properties (calculation method)

Stem cell mutagenicity

Genotoxicity

Not mutagen

# VINCENTS POLYLINE SIA

## PRODUCT SAFETY DATA SHEET / INFORMATION ON CHEMICAL SUBSTANCE OR PRODUCT

In accordance with the Regulations of the European Parliament and of the Council (EC) No. 453/2010 of 20.05.2010. and No. 1907/2006 of 18.12.2006

Date: 13 September 2013

### RUST OFF

Version No. 1.0

Date of printing: 2/25/2019

Carcinogenicity	Not carcinogen
Teratogenicity	Not teratogen
STOT – single time exposure	Not determined
Toxicity upon breathing	Not toxic
Substance exposure on humans: skin contact	Irritates skin.
Product exposure on humans: ingestion	Irritant, affects mouth, throat and stomach.
Product exposure on humans: eye contact	Causes irritation

## 12. ECOLOGICAL INFORMATION

### 12.1. Toxicity

Water environment toxicity Non-toxic (calculation method)  
May cause undesirable effect in water environment, by changing its pH.

### 12.2. Stability and capacity to decompose

Biological decomposition N.d.a.

### 12.3. Bioaccumulation potential

N.d.a.

### 12.4. Mobility in soil

Distribution among environmental sectors N.d.a.

### 12.5. Results of PBT/vPvB assessment

Assessment : This mixture cannot be considered to be persistent, bioaccumulative and toxic (PBT).  
: This mixture cannot be considered to be very persistent and very bioaccumulative (vPvB).

### 12.6. Other adverse effects and additional information

## 13. INFORMATION ON POSSIBLE METHODS OF DISPOSAL

# VINCENTS POLYLINE SIA

## PRODUCT SAFETY DATA SHEET / INFORMATION ON CHEMICAL SUBSTANCE OR PRODUCT

In accordance with the Regulations of the European Parliament and of the Council (EC) No. 453/2010 of 20.05.2010. and No. 1907/2006 of 18.12.2006

Date: 13 September 2013

### RUST OFF

Version No. 1.0

Date of printing:2/25/2019

#### 13.1. Waste processing methods

Product

Avoid the substance leaking into sewerage. Development of waste must be prevented or reduced wherever possible. Dispose of this substance or product and package by using safe methods. Submit residual and unprocessed products to accredited waste collection services for disposal. Environmental protection requirements, laws governing the storage of waste and regulations of local governments must be observed during the disposal of this product. Do not puncture the packaging.

Packaging

Treat as unused product.

Empty uncontaminated containers or tanks may be reused. Packaging that cannot be cleaned and contaminated packaging must be disposed of in accordance with the procedures for disposal of the respective substances. Completely emptied small packaging may be disposed of as household waste.

#### 14. INFORMATION ON TRANSPORTATION

##### 14.1. UN No.

ADR	Not dangerous cargo
RID	Not dangerous cargo
IMDG	Not dangerous cargo
IATA	Not dangerous cargo

##### 14.2. Proper shipping name

##### 14.3. Transport hazard class

ADR	Not dangerous cargo
RID	Not dangerous cargo
IMDG	Not dangerous cargo
IATA	Not dangerous cargo

##### 14.4. Packing group

##### 14.5. Environmental hazards

14.6. Special precautions for the user	Not classified as hazardous
--	-----------------------------

14.7. Transportation in bulk, according to Annex II of MARPOL 73/78 and the IBC Code	Not applicable
--	----------------

#### 15. REGULATORY INFORMATION



# VINCENTS POLYLIN SIA

## PRODUCT SAFETY DATA SHEET / INFORMATION ON CHEMICAL SUBSTANCE OR PRODUCT

In accordance with the Regulations of the European Parliament and of the Council (EC) No. 453/2010 of 20.05.2010. and No. 1907/2006 of 18.12.2006

Date: 13 September 2013

### RUST OFF

Version No. 1.0

Date of printing:2/25/2019

#### 15.1. Safety, health and environmental regulations/ legislative enactments that specifically apply to the substance or mixture

Safety data sheet has been developed in accordance with Commission Regulation (EC) No. 453/2010 amending Regulation (EC) No. 1907/2006.

Labelling and classification has been developed in accordance with the EU Directives

(67/548/EEC and 1999/45/EC) and Cabinet Regulation of the Republic of Latvia No. 107 (of 12 March 2002), as well as Regulation (EC) No. 1272/2008 (of 16 December 2008) on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No. 1907/2006; as well as in accordance with Cabinet Regulation No. 184 of 15 April 2003 *Requirements for the Handling of Biocides*.

The management of hazardous waste in Latvia is performed in accordance with the *Waste Management Law* of 28 October 2010 and the *Amendments to Waste Management Law* of 16 December 2010, Cabinet Regulation No. 484 (21 June 2011) *Procedure for the Record Keeping, Identification, Storage, Packing, Marking and Keeping of Transport Records of Hazardous Waste* and Cabinet Regulation No. 302 (19 April 2011) *Regulations on Waste Classification and the Properties that Make Waste Hazardous*.

Transportation information has been developed in accordance with the *European Agreement concerning the International Carriage of Dangerous Goods by Road* of the UN, in effect since 1 January 2011, in accordance with Annex 1 to Appendix B of the Convention on International Rail Transportation (in effect since 1 January 2011).

During the summary of information, the Cabinet Regulation of the Republic of Latvia No. 325 (15 May 2007) *Labour Protection Requirements when Coming in Contact with Chemical Substances at Workplaces*, Regulation (EC) No. 2009/161, *establishing a third list of indicative occupational exposure limit values and amending Commission Directive 2000/39/EC*, Council Directive 98/24/EK (of 7 April 1998) *on the protection of the health and safety of workers from the risks related to chemical agents at work*, Regulation (EC) No. 2037/2000 *on substances that deplete the ozone layer*, Regulation (EC) No. 850/2004 *on persistent organic pollutants and amending Directive 79/117/EEC* were taken into consideration.

#### 15.2. Chemical safety assessment

Safety assessment has been performed with individual components of the mixture. The safety assessment was performed in accordance with component concentration in the finished product (by using calculation method) and literature data.

#### 16. OTHER INFORMATION

# VINCENTS POLYLINE SIA

## PRODUCT SAFETY DATA SHEET / INFORMATION ON CHEMICAL SUBSTANCE OR PRODUCT

In accordance with the Regulations of the European Parliament and of the Council (EC) No. 453/2010 of 20.05.2010. and No. 1907/2006 of 18.12.2006

Date: 13 September 2013

**RUST OFF**

Version No. 1.0

Date of printing:2/25/2019

---

### 16.1. Elsewhere unspecified hazard of the substance

#### Risk phrases (R-phrases) decoding (see Sections 2 and 3)

R 36/38 Irritates eyes and skin

### 16.2. Decoding of abbreviated H-phrases (see Section 3)

H315 *Irritates skin*

H319 *Causes serious eye irritation*

**Abbreviations:** 67/548/EEC = Dangerous Substances Directive. 1999/45/EC = Dangerous Preparations Directive. EC Regulation No. 1272/2008 = Regulation on classification, labelling and packaging of substances and mixtures. IATA = International Air Transport Association. IMDG = International Maritime Dangerous Goods Code. RID = Regulations concerning the International Transport of Dangerous Goods by Rail. ADR = European Agreement concerning the International Carriage of Dangerous Goods by Road. TWA = time-weighted average. STEL= short-term exposure limit.

OEL+ Occupational exposure limit, 8 h; LC50 – Average lethal concentration; N.d.a. - No data available; vPvB – very persistent and very bioaccumulative chemical substances; PBT- persistent, bioaccumulative and toxic chemical substances.

The information provided in this safety data sheet summarises all the information at our disposal on the date of publication thereof.

The provided information is intended for the purposes of ensuring safe handling, use, processing, storage, transportation and utilisation. It is not intended to serve as a quality guarantee or quality certificate, because the aforementioned actions with the product fall beyond our competence. The information refers to the aforementioned product only and in no way refers to the product, if it is used together with any other material.