

# Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)  
according to Regulation (EU) 2020/878

Article No.: 10139281-1 Bauwerk Reparatur-Öl Grundierung Lava  
Print date: 14.12.2022 Revision date: 14.12.2022 14170 EN  
Version: 1.3 Issue date: 14.12.2022 Page 1 / 10

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

### 1.1. Product identifier

Article No. (manufacturer/supplier) 10139281-1  
Trade name/designation Bauwerk Reparatur-Öl Grundierung Lava  
(78817.60)  
UFI: H3FD-80QK-T00E-JQ4D

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

#### Relevant identified uses:

Stain

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

#### supplier (manufacturer/importer/downstream user/distributor)

Bauwerk Group Schweiz  
Neudorfstrasse 49 +41 71 747 74 74  
9430 St. Margethen +41 71 747 74 75  
Switzerland info@bauwerk.com  
www.bauwerk-parkett.com

#### Department responsible for information:

Technical information service (07.15 - 12.00, 13.00 - 17.15 (Fri 13.00 - 16.00)) Marcus Beutel, +41 71 747 73 21  
marcus.beutel@bauwerk-group.com  
E-mail (competent person)

### 1.4. Emergency telephone number

Emergency telephone number Manufacturer: +41 71 747 74 74  
(07.15 - 12.00, 13.00 - 17.15 (Fri 13.00 - 16.00)) Tox Info Suisse: +41 44 251 51 51

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

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

The mixture is classified as hazardous according to regulation (EC) No 1272/2008 [CLP].

Flam. Liq. 3 / H226 Flammable liquids Flammable liquid and vapour.  
STOT SE 3 / H336 STOT-single exposure May cause drowsiness or dizziness.

### 2.2. Label elements

#### Labelling according to Regulation (EC) No. 1272/2008 [CLP]

#### Hazard pictograms



Warning

#### Hazard statements

H226 Flammable liquid and vapour.  
H336 May cause drowsiness or dizziness.

#### Precautionary statements

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
P243 Take action to prevent static discharges.  
P403 + P235 Store in a well-ventilated place. Keep cool.  
P405 Keep locked up.

#### Hazard components for labelling

n-butyl acetate

#### Supplemental hazard information

EUH066 Repeated exposure may cause skin dryness or cracking.

### 2.3. Other hazards

No information available.

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

Description Pigment dispersed in solvent

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

EC No. CAS No. Index No.	REACH No. Designation classification // Remark	weight-%
204-658-1 123-86-4 607-025-00-1	01-2119485493-29 n-butyl acetate Flam. Liq. 3 H226 / STOT SE 3 H336 / EUH066	50 < 100

### Additional information

Full text of classification: see section 16

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

#### General information

In all cases of doubt, or when symptoms persist, seek medical advice. Remove affected person from the danger area and lay down.

Do not leave affected person unattended.

Take off immediately all contaminated clothing. In case of unconsciousness give nothing by mouth, place in recovery position and seek medical advice.

In case of irregular breathing or respiratory arrest provide artificial respiration.

Put victim at rest, cover with a blanket and keep warm.

Self-protection of the first aider.

Move victim to fresh air.

#### Following inhalation

Remove casualty to fresh air and keep warm and at rest. In case of irregular breathing or respiratory arrest provide artificial respiration. If unconscious but breathing normally, place in recovery position and seek medical advice.

#### Following skin contact

Take off immediately all contaminated clothing. After contact with skin, wash immediately with plenty of water and soap. Do not use solvents or thinners. In case of skin irritation, consult a physician.

Wash contaminated clothing prior to re-use.

#### After eye contact

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Seek medical advice immediately. Protect uninjured eye.

#### Following ingestion

If swallowed, rinse mouth with water (only if the person is conscious).

Seek medical advice immediately.

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

Do NOT induce vomiting.

Show this safety data sheet to the doctor in attendance.

If unconscious but breathing normally, place in recovery position and seek medical advice.

Never give anything by mouth to an unconscious person or a person with cramps.

Do not give fatty oils and milk.

#### Self-protection of the first aider

No mouth-to-mouth or mouth-to-nose resuscitation. Use Ambu bag or ventilator.

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

In all cases of doubt, or when symptoms persist, seek medical advice.

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

First Aid, decontamination, treatment of symptoms.

#### Symptoms

Prolonged or repeated skin contact may cause removal of natural fat from the skin resulting in dermatitis (skin inflammation).

May irritate eyes.

May irritate skin.

#### Special treatment

Treat symptomatically.

Subsequent observance for pneumonia and lung oedema.

Gastric lavage (stomach washing) only under endotracheal intubation.

Pulmonary oedema prophylaxis

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## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

#### Suitable extinguishing media

Co-ordinate fire-fighting measures to the fire surroundings.

#### Unsuitable extinguishing media

strong water jet

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

Dense black smoke occurs during fire. Inhaling hazardous decomposing products can cause serious health damage. In case of fire may be liberated: carbon dioxide, carbon monoxide, Explosive vapour/air mixture, Pyrolysis products, toxic Vapours are heavier than air.

Reignition possible over considerable distance.

### 5.3. Advice for firefighters

Wear a self-contained breathing apparatus and chemical protective clothing. In case of fire and/or explosion do not breathe fumes.

Do not allow water used to extinguish fire to enter drains, ground or waterways. Dispose according to legislation.

Cool closed containers that are near the source of the fire.

Remove persons to safety.

Keep people away from and upwind of spill/leak.

Take precautionary measures against static discharges.

Heating causes rise in pressure with risk of bursting.

## SECTION 6: Accidental release measures

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

Keep away from sources of ignition. Ventilate affected area. Do not breathe vapours. Use personal protection equipment.

Avoid contact with eyes and skin.

Take precautionary measures against static discharges.

Keep unprotected people away and stay on the upwind side.

Handle in accordance with good industrial hygiene and safety practice.

### 6.2. Environmental precautions

Do not allow to enter into surface water or drains. Prevent spread over a wide area (e.g. by containment or oil barriers). If the product contaminates lakes, rivers or sewages, inform competent authorities in accordance with local regulations.

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

Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents).

Collect in closed and suitable containers for disposal.

Clean using cleansing agents. Do not use solvents. Provide adequate ventilation.

### 6.4. Reference to other sections

SECTION 7: Handling and storage

SECTION 8: Exposure controls/personal protection

SECTION 13: Disposal considerations

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

#### Advices on safe handling

Avoid formation of flammable and explosive vapour concentrations in the air and exceeding the exposure limit values. Only use the material in places where open light, fire and other flammable sources can be kept away. Electrical equipment must be protected meeting the accepted standard. Product may become electrostatically charged. Provide earthing of containers, equipment, pumps and ventilation facilities. Anti-static clothing including shoes are recommended. Floors must be electrically conductive. Keep away from heat sources, sparks and open flames. Use only spark proof tools. Avoid contact with skin, eyes and clothes. Do not inhale dusts, particulates and spray mist when using this preparation. Avoid respiration of swarf. When using do not eat, drink or smoke. Personal protection equipment: refer to section 8. Do not empty containers with pressure - no pressure vessel! Always keep in containers that correspond to the material of the original container. Follow the legal protection and safety regulations.

Have fire-extinguishers in readiness before opening containers.

Wash hands before breaks and after work.

Guarantee that the eye flushing systems and safety showers are closely located to the working place.

Protect from sunlight.

Keep work clothes separately.

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Change contaminated, saturated clothing.

#### Further information

Vapours are heavier than air. Vapours form explosive mixtures with air.

#### Further information

Handle in accordance with good industrial hygiene and safety practice.

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

##### Requirements for storage rooms and vessels

Storage in accordance with the Ordinance on Industrial Safety and Health (BetrSivO). Keep only in the original container. Keep container tightly closed. Do not empty containers with pressure - no pressure vessel! Smoking is forbidden. Access only for authorised persons. Store carefully closed containers upright to prevent any leaks.

##### Hints on joint storage

Keep away from strongly acidic and alkaline materials as well as oxidizers.

Keep away from food, drink and animal feedingstuffs.

Do not store together with oxidizing and self-igniting products.

Keep away from: Reducing agent

##### Further information on storage conditions

Take care of instructions on label. Store in a well-ventilated and dry room at temperatures between 15 °C and 30 °C. Protect from heat and direct sunlight. Keep container tightly closed. Remove all sources of ignition. Smoking is forbidden. Access only for authorised persons. Store carefully closed containers upright to prevent any leaks.

#### 7.3. Specific end use(s)

Observe technical data sheet. Observe instructions for use.

## SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

##### Occupational exposure limit values

not applicable

##### DNEL:

n-butyl acetate

Index No. 607-025-00-1 / EC No. 204-658-1 / CAS No. 123-86-4

DNEL long-term dermal (systemic), Workers: 7 mg/kg bw/day

DNEL acute inhalative (local), Workers: 960 mg/m<sup>3</sup>

DNEL acute inhalative (systemic), Workers: 960 mg/m<sup>3</sup>

DNEL long-term inhalative (local), Workers: 480 mg/m<sup>3</sup>

DNEL long-term inhalative (systemic), Workers: 48 mg/m<sup>3</sup>

DNEL long-term dermal (systemic), Consumer: 3,4 mg/kg bw/day

DNEL acute inhalative (local), Consumer: 859,7 mg/m<sup>3</sup>

DNEL acute inhalative (systemic), Consumer: 859,7 mg/m<sup>3</sup>

DNEL long-term inhalative (local), Consumer: 102,34 mg/m<sup>3</sup>

DNEL long-term inhalative (systemic), Consumer: 12 mg/m<sup>3</sup>

##### PNEC:

n-butyl acetate

Index No. 607-025-00-1 / EC No. 204-658-1 / CAS No. 123-86-4

PNEC aquatic, freshwater: 0,18 mg/L

PNEC aquatic, marine water: 0,018 mg/L

PNEC sediment, freshwater: 0,981 mg/L

PNEC sediment, marine water: 0,0981 mg/L

PNEC sewage treatment plant (STP): 35,6 mg/L

#### 8.2. Exposure controls

Provide good ventilation. This can be achieved with local or room suction. If this should not be sufficient to keep aerosol and solvent vapour concentration below the exposure limit values, a suitable respiratory protection must be used.

##### Personal protection equipment

##### Respiratory protection

If concentration of solvents is beyond the occupational exposure limit values, approved and suitable respiratory protection must be used. Use only respiratory protection equipment with CE-symbol including four digit test number. respirator with A/P-filter (EN 14387)

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## Hand protection

For prolonged or repeated handling the following glove material must be used: NBR (Nitrile rubber)

Thickness of the glove material > 0,4 mm ; Breakthrough time: > 480 min.

Observe the instructions and details for use, storage, maintenance and replacement provided by the protective glove manufacturer. Penetration time of glove material depending on intensity and duration of exposure to skin. Recommended glove articles EN ISO 374

Barrier creams can help protecting exposed skin areas. In no case should they be used after contact.

## Eye/face protection

Wear eye glasses with side protection according to EN 166.

## Body protection

Wear antistatic clothing of natural fibers (cotton) or heat resistant synthetic fibers.

## Protective measures

After contact clean skin thoroughly with water and soap or use appropriate cleanser.

When using do not eat, drink or smoke.

Guarantee that the eye flushing systems and safety showers are closely located to the working place.

Keep away from food, drink and animal feedingstuffs. Take off immediately all contaminated clothing.

Separate storage of work clothes.

Handle in accordance with good industrial hygiene and safety practice.

Avoid contact with eyes and skin.

Do not breathe vapour/aerosol.

Wash contaminated clothing prior to re-use.

## Environmental exposure controls

Do not allow to enter into surface water or drains.

If the product contaminates lakes, rivers or sewages, inform competent authorities in accordance with local regulations.

See section 7. No additional measures necessary.

## SECTION 9: Physical and chemical properties

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

<b>Physical state:</b>	<b>Liquid</b>
<b>Colour:</b>	<b>brown</b>
<b>Odour:</b>	<b>ester-like</b>
<b>Odour threshold:</b>	<b>not determined</b>
<b>Melting point/freezing point:</b>	<b>not applicable</b>
<b>Initial boiling point and boiling range:</b>	<b>126 °C</b> Source: n-butyl acetate
<b>Flammability:</b>	<b>Flammable liquid and vapour.</b>
<b>Lower and upper explosion limit:</b>	
<b>Lower explosion limit:</b>	<b>1,2 Vol-%</b> Source: n-butyl acetate
<b>Upper explosion limit:</b>	<b>7,5 Vol-%</b> Source: n-butyl acetate
<b>Flash point:</b>	<b>24 °C</b> Method: ASTM D 7094a
<b>Auto-ignition temperature:</b>	<b>not determined</b>
<b>Decomposition temperature:</b>	<b>not determined</b>
<b>pH at 20 °C:</b>	<b>not applicable</b>
<b>Cinematic viscosity (40°C):</b>	<b>&lt; 135 mm<sup>2</sup>/s</b>
<b>Viscosity at °C:</b>	<b>22-26 s 4 mm</b>
<b>Solubility(ies):</b>	
<b>Water solubility at 20 °C:</b>	<b>insoluble</b>
<b>Partition coefficient: n-octanol/water:</b>	<b>see section 12</b>

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<b>Vapour pressure at 20 °C:</b>	<b>11,2 mbar</b> Source: n-butyl acetate
<b>Density and/or relative density:</b>	
<b>Density at 20 °C:</b>	<b>0,91 g/cm<sup>3</sup></b>
<b>Relative vapour density:</b>	<b>not determined</b>
<b>particle characteristics:</b>	<b>not applicable</b>
9.2. <b>Other information</b>	
<b>Solid content:</b>	<b>10,56 weight-%</b>
<b>solvent content:</b>	
<b>Organic solvents:</b>	<b>89,44 weight-%</b>
<b>Water:</b>	<b>0,00 weight-%</b>

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No dangerous reaction known under conditions of normal use.

### 10.2. Chemical stability

The product is stable under storage at normal ambient temperatures.  
Further remarks: SECTION 7: Handling and storage

### 10.3. Possibility of hazardous reactions

Can become highly flammable in use.

### 10.4. Conditions to avoid

Hazardous decomposition byproducts may form with exposure to high temperatures.  
elektrostatic charging

### 10.5. Incompatible materials

Keep away from strong acids, strong bases and strong oxidizing agents to avoid exothermic reactions.  
Do not store together with oxidizing and self-igniting products.  
Keep away from: Reducing agent

### 10.6. Hazardous decomposition products

In case of fire may be liberated: carbon dioxide, carbon monoxide, Explosive vapour/air mixture, Pyrolysis products, toxic.

## SECTION 11: Toxicological information

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

#### Acute toxicity

Bauwerk Reparatur-Öl Grundierung Lava (78817.60)

oral, LD50, Rat: > 10000 mg/kg

By analogy.

dermal, LD50, Rabbit: > 14000 mg/kg

By analogy.

n-butyl acetate

oral, LD50, Rat: 10760 mg/kg

Method: OECD 423

dermal, LD50, Rat: > 14000 mg/kg

dermal, LD50, Rabbit: > 14000 mg/kg

Method: OECD 402

inhalative (vapours), LC50, Rat: > 21 mg/L (4 h)

Method: OECD 403

#### Skin corrosion/irritation; Serious eye damage/eye irritation

Bauwerk Reparatur-Öl Grundierung Lava (78817.60)

Skin, Rabbit

Method: OECD 404

non-irritant.; By analogy.

eyes, Rabbit

Method: OECD 405

non-irritant.; By analogy.

n-butyl acetate

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Skin, Rabbit  
Method: OECD 404  
non-irritant.  
eyes, Rabbit  
Method: OECD 405  
non-irritant.

## Respiratory or skin sensitisation

Bauwerk Reparatur-Öl Grundierung Lava (78817.60)

Skin, Guinea pig:  
Method: OECD 406  
not sensitising.; By analogy.

n-butyl acetate  
Skin, Guinea pig:  
Method: OECD 406  
not sensitising.

## CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)

n-butyl acetate  
Germ cell mutagenicity  
Ames test negative.

## STOT-single exposure; STOT-repeated exposure

May cause drowsiness or dizziness.

## Aspiration hazard

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

## Practical experience/human evidence

Inhaling of solvent components above the MWC-value can lead to health damage, e.g. irritation of the mucous membrane and respiratory organs, as well as damage to the liver, kidneys and the central nerve system. Indications for this are: headache, dizziness, fatigue, amyosthenia, drowsiness, in serious cases: unconsciousness. Solvents may cause some of the aforementioned effects through skin resorption. Repeated or prolonged contact with the preparation may cause removal of natural fat from the skin resulting in non-allergic contact dermatitis and/or absorption through skin. Splashing may cause eye irritation and reversible damage.

## Overall assessment on CMR properties

The ingredients in this mixture do not meet the criteria for classification as CMR category 1A or 1B according to CLP.

## 11.2. Information on other hazards

### Endocrine disrupting properties

No information available.

## SECTION 12: Ecological information

Classification according to Regulation (EC) No 1272/2008 [CLP]  
There is no information available on the preparation itself .  
Do not allow to enter into surface water or drains.

### 12.1. Toxicity

Bauwerk Reparatur-Öl Grundierung Lava (78817.60)  
Algae toxicity, ErC50, Selenastrum capricornutum: > 300 mg/L (72 h)  
Method: OECD 201  
By analogy.

n-butyl acetate  
Algae toxicity, ErC50, Selenastrum capricornutum: 397 mg/L (72 h)  
Method: OECD 201

### Long-term Ecotoxicity

n-butyl acetate  
Algae toxicity, NOEC, Desmodesmus subspicatus.: 200 mg/L  
Inhibition of growth rate.

### 12.2. Persistence and degradability

Bauwerk Reparatur-Öl Grundierung Lava (78817.60)

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Biodegradation: > 80 % (28 d)  
Method: OECD 301D  
By analogy.

n-butyl acetate  
Biodegradation: 83 % (28 d)  
Method: OECD 301D

## 12.3. Bioaccumulative potential

n-butyl acetate  
Partition coefficient: n-octanol/water: 2,3  
Method: OECD 117

### Bioconcentration factor (BCF)

n-butyl acetate  
Bioconcentration factor (BCF): 15,3

## 12.4. Mobility in soil

Toxicological data are not available.

## 12.5. Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

## 12.6. Endocrine disrupting properties

No information available.

## 12.7. Other adverse effects

No information available.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

#### Appropriate disposal / Product Recommendation

Do not allow to enter into surface water or drains. Do not dispose of with domestic refuse.

This material and its container must be disposed of in a safe way. Waste disposal according to directive 2008/98/EC, covering waste and dangerous waste.

The mentioned waste-classes are only an advice because according to EU-Law the waste-class must be defined by the origin of the waste. The correct waste code may differ and must be classified by the waste owner. The waste-disposer and the municipal waste offices will help.

#### List of proposed waste codes/waste designations in accordance with EWC

080111\* Waste paint and varnish containing organic solvents or other dangerous substances

\*Hazardous waste according to Directive 2008/98/EC (waste framework directive).

#### Appropriate disposal / Package Recommendation

Empty container completely.

Non-contaminated packages may be recycled.

Vessels not properly emptied are special waste.

Do not perforate, cut up or weld uncleaned container.

Residues may present a risk of explosion.

## SECTION 14: Transport information

### 14.1. UN number or ID number

UN 1263

### 14.2. UN proper shipping name

Land transport (ADR/RID): Paint  
Sea transport (IMDG): PAINT  
Air transport (ICAO-TI / IATA-DGR): Paint

### 14.3. Transport hazard class(es)

3

### 14.4. Packing group

III

### 14.5. Environmental hazards



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Land transport (ADR/RID) not applicable  
Marine pollutant not applicable

#### 14.6. Special precautions for user

Transport always in closed, upright and safe containers. Make sure that persons transporting the product know what to do in case of an accident or leakage.

Advices on safe handling: see parts 6 - 8

#### Further information

##### Land transport (ADR/RID)

Tunnel restriction code D/E

##### Sea transport (IMDG)

EmS-No. F-E, S-E

#### 14.7. Maritime transport in bulk according to IMO instruments

No transport as bulk according IBC - Code.

### SECTION 15: Regulatory information

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

##### EU legislation

##### Directive 2010/75/EU on industrial emissions [Industrial Emissions Directive]

VOC-value (in g/L): 818,314

##### National regulations

##### Restrictions of occupation

Observe restrictions to employment for juveniles according to the 'juvenile work protection guideline' (94/33/EC).

#### 15.2. Chemical Safety Assessment

Chemical safety assessments for substances in this mixture were not carried out.

### SECTION 16: Other information

#### Full text of classification in section 3:

Flam. Liq. 3 / H226 Flammable liquids Flammable liquid and vapour.  
STOT SE 3 / H336 STOT-single exposure May cause drowsiness or dizziness.

#### Classification procedure

Classification for mixtures and used evaluation method according to regulation (EC) No 1272/2008 [CLP]

Flam. Liq. 3 Flammable liquids On basis of test data.  
STOT SE 3 STOT-single exposure Calculation method.

#### Abbreviations and acronyms

ADR European Agreement concerning the International Carriage of Dangerous Goods by Road  
OEL Occupational Exposure Limit Value  
BLV Biological Limit Value  
CAS Chemical Abstracts Service  
CLP Classification, Labelling and Packaging  
CMR Carcinogenic, Mutagenic and Reprotoxic  
DIN German Institute for Standardization / German industrial standard  
DNEL Derived No-Effect Level  
EAKV European Waste Catalogue Directive  
EC Effective Concentration  
EC European Community  
EN European Standard  
IATA-DGR International Air Transport Association – Dangerous Goods Regulations  
IBC Code International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk  
ICAO-TI International Civil Aviation Organization Technical Instructions for the Safe Transport of Dangerous Goods by Air  
IMDG Code International Maritime Code for Dangerous Goods  
ISO International Organization for Standardization  
LC Lethal Concentration  
LD Lethal Dose  
MARPOL Maritime Pollution: The International Convention for the Prevention of Pollution from Ships

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OECD	Organisation for Economic Cooperation and Development
PBT	persistent, bioaccumulative, toxic
PNEC	Predicted No Effect Concentration
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail
UN	United Nations
VOC	Volatile Organic Compounds
vPvB	very persistent and very bioaccumulative

## Further information

Classification according to Regulation (EC) No 1272/2008 [CLP]

The information supplied on this safety data sheet complies with our current level of knowledge as well as with national and EU regulations. Without written approval, the product must not be used for purposes different from those mentioned in section 1. It is always the user's duty to take any necessary measures for meeting the requirements laid down by local rules and regulations. The details in this safety data sheet describe the safety requirements of our product and are not to be regarded as guaranteed attributes of the product.

Only for commercial users.