

# **SAFETY DATA SHEET Bauder Multi-Purpose Primer - Canister**

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

1.1. Product identifier

**Product name** Bauder Multi-Purpose Primer - Canister

**Product number** A03994

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

**Identified uses** Adhesive.

Uses advised against No specific uses advised against are identified.

1.2. Details of the supplier of the safety data sheet

**Supplier Bauder Ltd** 

Landseer Road Ipswich Suffolk IP3 0DH

T: +44 (0) 1473 257671

1.3. Emergency telephone number

**Emergency telephone** +44 01827 69662 (NOT 24HRS)

**SECTION 2: Hazards identification** 

### 2.1. Classification of the substance or mixture

Classification

**Physical hazards** Aerosol 1 - H222, H229

**Health hazards** Skin Irrit. 2 - H315 STOT SE 3 - H336

**Environmental hazards** Aquatic Chronic 2 - H411

Classification (67/548/EEC

or 1999/45/EC)

F+; R12. Xn; R48/20. Xi; R36/37/38. R67

Prolonged or repeated contact with skin may cause irritation, redness and dermatitis. May be slightly irritating to eyes. **Human health** 

**Physicochemical** The product is highly flammable. Vapours may form explosive mixtures with air. Vapours are

heavier than air and may travel along the floor and accumulate in the bottom of containers. Vapours may be ignited by a spark, a hot surface or an ember.

2.2. Label elements

#### **Pictogram**







#### Signal word

Danger

**Hazard statements** 

H222 Extremely flammable aerosol.

H229 Pressurised container: may burst if heated

H315 Causes skin irritation.

H336 May cause drowsiness or dizziness.

H411 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.

P211 Do not spray on an open flame or other ignition source.
P251 Do not pierce or burn, even after use.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.
P501 Dispose of contents/container in accordance with national regulations.

P260 Do not breathe spray.

**Contains** 

 $\hbox{CYCLOHEXANE, hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5\% \ n-hexane, ETHYL ACETATE}$ 

Supplementary precautionary statements

P261 Avoid breathing vapour/spray.

P264 Wash contaminated skin thoroughly after handling. P271 Use only outdoors or in a well-ventilated area.

P273 Avoid release to the environment.

P302+P352 IF ON SKIN: Wash with plenty of water.

P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing. P312 Call a POISON CENTER/doctor if you feel unwell.

P321 Specific treatment (see medical advice on this label).
P332+P313 If skin irritation occurs: Get medical advice/attention. P362+P364 Take off contaminated clothing and wash it before reuse.

P391 Collect spillage.

P403+P233 Store in a well-ventilated place. Keep container tightly closed.

P405 Store locked up.

### 2.3. Other hazards

This product does not contain any substances classified as PBT or vPvB.

#### **SECTION 3: Composition/information on ingredients**

### 3.2. Mixtures

**DIMETHYL ETHER** REACH registration number: 01- 30-60%

CAS number: 115-10-6 2119472128-37-0000 EC number: 204-065-8

Classification Classification (67/548/EEC or 1999/45/EC)

Flam. Gas 1 - H220 F+:R12

Press. Gas, Liquefied - H280

**CYCLOHEXANE** 10-30%

CAS number: 110-82-7 EC number: 203-806-2 REACH registration number: 01-

2119463273-41-0000

M factor (Acute) = 1 M factor (Chronic) = 1

Classification Classification (67/548/EEC or 1999/45/EC)

F;R11 Xn;R65 Xi;R38 R67 N;R50/53 Flam. Liq. 2 - H225 Acute Tox. 4 - H312 Skin Irrit. 2 - H315

Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410

STOT SE 3 - H336 Asp. Tox. 1 - H304

STOT SE 3 - H336 Aquatic Chronic 2 - H411

hydrocarbons, C6-C7,n-alkanes, isoalkanes, cyclics, <5% n-10-30%

hexane

REACH registration number: 01-CAS number: -

EC number: 921-024-6 2119475514-35

Classification Classification (67/548/EEC or 1999/45/EC) Xn;R65. Xi;R38. F;R11. N;R51/53. R67.

Flam. Liq. 2 - H225 Skin Irrit. 2 - H315 STOT SE 3 - H336 Asp. Tox. 1 - H304

**ETHYL ACETATE** REACH registration number: 01- 5-10%

2119475103-46-0017 CAS number: 141-78-6 EC number: 205-500-4

Classification Classification (67/548/EEC or 1999/45/EC)

F;R11 Xi;R36 R66 R67 Flam. Liq. 2 - H225

Eye Irrit. 2 - H319

<1% ZBED (ZINC DIBENZYL DITHIOCARBAMATE)

CAS number: 1426-36-4

M factor (Chronic) = 1 M factor (Acute) = 1

Classification

STOT SE 3 - H336

Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410

**HEXANE-norm** <1% REACH registration number: 01-

CAS number: 110-54-3 EC number: 203-777-6 2119480412-44

Classification Classification (67/548/EEC or 1999/45/EC)

Flam. Liq. 2 - H225 F;R11 Repr. Cat. 3;R62 Xn;R48/20,R65 Xi;R38 R67

Skin Irrit. 2 - H315 N:R51/53

Repr. 2 - H361f STOT SE 3 - H336 STOT RE 2 - H373 Asp. Tox. 1 - H304 Aguatic Chronic 2 - H411

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

#### **SECTION 4: First aid measures**

### 4.1. Description of first aid measures

**General information** Get medical attention if any discomfort continues.

Inhalation Remove affected person from source of contamination. Move affected person to fresh air and

keep warm and at rest in a position comfortable for breathing.

Ingestion Rinse mouth thoroughly with water. Get medical attention.

Skin contact Remove contaminated clothing immediately and wash skin with soap and water.

Rinse immediately with plenty of water. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Get medical attention immediately. **Eve contact** 

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

**General information** The severity of the symptoms described will vary dependent on the concentration and the

length of exposure.

Inhalation Vapours may cause headache, fatigue, dizziness and nausea.

Ingestion May cause discomfort if swallowed. May cause stomach pain or vomiting.

Skin contact Prolonged skin contact may cause redness and irritation.

Eye contact May cause temporary eye irritation.

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

Notes for the doctor No specific recommendations. If in doubt, get medical attention promptly.

# **SECTION 5: Firefighting measures**

# 5.1. Extinguishing media

Suitable extinguishing media Use fire-extinguishing media suitable for the surrounding fire. Extinguish with alcohol-resistant

foam, carbon dioxide or dry powder.

Unsuitable

extinguishing media

Do not use water jet as an extinguisher, as this will spread the fire.

# 5.2. Special hazards arising from the substance or mixture

The product is flammable. Heating may generate flammable vapours. Protection against nuisance dust must be used when the airborne concentration exceeds 10 mg/m3. The product Specific hazards

is highly flammable.

Hazardous

combustion products

Does not decompose when used and stored as recommended.

5.3. Advice for

firefighters

Control run-off water by containing and keeping it out of sewers and watercourses. Avoid breathing fire gases or vapours. Keep upwind to avoid inhalation of gases, vapours, fumes

**Protective actions** during firefighting and smoke.

Special protective

equipment for firefighters

Wear chemical protective suit.

#### **SECTION 6: Accidental release measures**

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

**Personal precautions** Wear protective clothing as described in Section 8 of this safety data sheet.

#### 6.2. Environmental precautions

**Environmental precautions** Spillages or uncontrolled discharges into watercourses must be reported immediately to the Environmental Agency or other appropriate regulatory body. Do not discharge into drains or watercourses or onto the ground.

# 6.3. Methods and material for containment and cleaning up

Methods for cleaning up

Eliminate all sources of ignition. No smoking, sparks, flames or other sources of ignition near spillage. Provide adequate ventilation. Absorb in vermiculite, dry sand or earth and place into containers.

#### 6.4. Reference to other sections

Reference to other sections

Wear protective clothing as described in Section 8 of this safety data sheet. For waste disposal, see section 13.

# **SECTION 7: Handling and storage**

#### 7.1. Precautions for safe handling

Keep away from heat, sparks and open flame. Static electricity and formation of sparks must **Usage precautions** 

be prevented. Good personal hygiene procedures should be implemented. Wash hands and any other contaminated areas of the body with soap and water before leaving the work site.

# 7.2. Conditions for safe storage, including any incompatibilities

Keep away from heat, sparks and open flame. Keep container tightly closed. Keep only in the original container. Storage precautions

Storage class Flammable liquid storage.

7.3. Specific end use(s)

Specific end use(s) The identified uses for this product are detailed in Section 1.2.

# **SECTION 8: Exposure Controls/personal protection**

### 8.1. Control parameters

# Occupational exposure limits

#### DIMETHYL ETHER

Long-term exposure limit (8-hour TWA): WEL 400 ppm 766 mg/m³ Short-term exposure limit (15-minute): WEL 500 ppm 958 mg/m³

**CYCLOHEXANE** 

Long-term exposure limit (8-hour TWA): WEL 100 ppm 350 mg/m³ Short-term exposure limit (15-minute): WEL 300 ppm 1050 mg/m³

#### **ETHYL ACETATE**

Long-term exposure limit (8-hour TWA): WEL 200 ppm Short-term exposure limit (15-minute): WEL 400 ppm

Long-term exposure limit (8-hour TWA): WEL 20 ppm 72 mg/m³ Short-term exposure limit (15-minute): WEL

WEL = Workplace Exposure Limit

Ingredient comments WEL = Workplace Exposure Limits

### CYCLOHEXANE (CAS: 110-82-7)

**DNEL** 

Consumer - Oral; Long term systemic effects: 59.4 mg/kg bw/day Consumer - Dermal; Long term systemic effects: 1186 mg/kg bw/day Workers - Dermal; Long term systemic effects: 2016 mg/kg bw/day Consumer - Inhalation; Short term local effects: 412 mg/m³ Consumer - Inhalation; Short term systemic effects: 412 mg/m³ Workers - Inhalation; Short term local effects: 700 mg/m³ Workers - Inhalation; Short term systemic effects: 700 mg/m³ Consumer - Inhalation; Long term local effects: 206 mg/m³ Workers - Inhalation; Long term local effects: 700 mg/m³ Consumer - Inhalation; Long term systemic effects: 206 mg/m³ Workers - Inhalation; Long term systemic effects: 700 mg/m³

**PNEC** - Fresh water; 0.207 mg/l

- Sediment (Freshwater); 3.627 mg/kg

- STP; 3.24 mg/l Soil; 2.99 mg/kg

#### hydrocarbons, C6-C7,n-alkanes, isoalkanes, cyclics, <5% n-hexane

Ingredient comments WEL = Workplace Exposure Limits

**DNEL** Consumer - Oral; Long term systemic effects: 699 mg/kg bw/day

Workers - Oral; Long term systemic effects: 695 mg/kg bw/day Consumer - Dermal; Long term systemic effects: 699 mg/kg bw/day Workers - Dermal; Long term systemic effects: 699 mg/kg bw/day Consumer - Inhalation; Long term systemic effects: 608 mg/m³

#### ETHYL ACETATE (CAS: 141-78-6)

**DNEL** 

Workers - Inhalation; Short term systemic effects: 1468 mg/m³ Workers - Inhalation; Short term local effects: 1468 mg/m³ Consumer - Inhalation; Short term systemic effects: 734 mg/m³ Consumer - Inhalation; Short term local effects: 374 mg/m³ Workers - Inhalation; Long term local effects: 734 mg/m³ Workers - Dermal; Long term systemic effects: 63 mg/kg bw/day Workers - Inhalation; Long term systemic effects: 734 mg/m³ Consumer - Dermal; Long term systemic effects: 37 mg/kg bw/day Consumer - Inhalation; Long term systemic effects: 367 mg/m³ Consumer - Oral; Long term systemic effects: 4.5 mg/kg bw/day Consumer - Inhalation; Long term local effects: 367 mg/m³

**PNEC** - Fresh water; 0.26 mg/l

> - Marine water; 0.026 mg/l - Intermittent release; 1.65 mg/l - Sediment (Freshwater); 1.25 mg/kg - Sediment (Marinewater); 0.125 mg/kg

- Soil; 0.24 mg/kg - STP: 650 mg/l

# 8.2. Exposure controls Protective











**Appropriate** engineering controls Provide adequate ventilation. Avoid inhalation of vapours. Observe any occupational exposure limits for the product or ingredients.

Eye/face protection The following protection should be worn: Chemical splash goggles.

Hand protection

Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible. It is recommended that gloves are made of the following material: Nitrile rubber. It should be noted that liquid may penetrate the gloves.

Frequent changes are recommended.

Wear appropriate clothing to prevent any possibility of liquid contact and repeated or prolonged vapour contact. Wear apron or protective clothing in case of contact. Other skin and body protection

**Hygiene measures** 

Use engineering controls to reduce air contamination to permissible exposure level. Provide eyewash station. Wash contaminated clothing before reuse. Wash hands thoroughly after handling. Wash at the end of each work shift and before eating, smoking and using the toilet.

In confined or poorly-ventilated spaces, a supplied-air respirator must be worn. Wear a respirator fitted with the following cartridge: Gas filter, type AX. Respiratory protection

**Environmental** exposure controls

Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

#### **SECTION 9: Physical and Chemical Properties**

# 9.1. Information on basic physical and chemical properties

**Appearance** Aerosol.

Colour Various colours. Odour Characteristic. **Odour threshold** Not available. pН Not available. **Melting point** Not available. Initial boiling point and range Not determined.

Flash point Estimated value. -41°C

**Evaporation rate** Not determined. **Evaporation factor** Not available.

Flammability (solid, gas) Not available.

Upper/lower flammability or explosive limits

Estimated value. : 1.1%-26.2%

Other flammability

Vapour pressure

Vapour density

Relative density

Bulk density

Solubility(ies)

Not available.

1.10 @ 20°C

Not available.

Insoluble in water.

Not available.

Auto-ignition temperature Estimated value. 226°C

**Decomposition Temperature** Not available.

**Viscosity** Kinematic viscosity > 20.5 mm<sup>2</sup>/s.

**Explosive properties** Not available.

Explosive under the influence of a flame

Not considered to be explosive.

Oxidising properties Not available.

**Comments** Information given is applicable to the product as supplied.

9.2. Other information

Other information No information required.

Refractive index
Not available.
Particle size
Not available.
Molecular weight
Not available.
Volatility
Not available.
Saturation concentration
Not available.
Critical temperature
Not available.

# **SECTION 10: Stability and reactivity**

10.1. Reactivity

**Reactivity** There are no known reactivity hazards associated with this product.

10.2. Chemical stability

Stability No particular stability concerns. Stable at normal ambient temperatures and when used as

recommended.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions

Not applicable. Not relevant.

10.4. Conditions to avoid

**Conditions to avoid** Avoid heat, flames and other sources of ignition.

10.5. Incompatible materials

Materials to avoid Strong oxidising agents. Strong acids. Strong alkalis.

10.6. Hazardous decomposition products

**Hazardous** decomposition products Does not decompose when used and stored as recommended. Thermal decomposition or combustion products may include the following substances: Oxides of carbon. Oxides of

# **SECTION 11: Toxicological information**

#### 11.1. Information on toxicological effects

Acute toxicity - dermal

ATE dermal (mg/kg) 10,000.0

Skin corrosion/irritation

**Animal data** Irritating.

Serious eye damage/irritation

Serious eye damage/irritation Moderately irritating.

Respiratory sensitisation

Respiratory sensitisation Sensitising.

Carcinogenicit

y Target organ No specific target organs known.

carcinogenicit

Reproductive

toxicity Reproductive toxicity development

This substance has no evidence of toxicity to reproduction.

# Specific target organ toxicity - repeated exposure

Morphological changes that are potentially reversible but provide clear evidence of marked organ dysfunction. STOT - repeated exposure

**Aspiration hazard** 

**Aspiration hazard** Not anticipated to present an aspiration hazard, based on chemical structure.

Inhalation Irritating to respiratory system.

Ingestion May cause stomach pain or vomiting.

Skin contact Irritating to skin.

Eye contact Irritation of eyes and mucous membranes.

Route of entry Inhalation Skin and/or eye contact

**Medical symptoms** Irritation of eyes and mucous membranes.

#### Toxicological information on ingredients.

# **DIMETHYL ETHER**

**Acute toxicity - inhalation** 

**Acute toxicity** inhalation (LC<sub>50</sub> gases ppmV)

164,000.0

**Species** Rat

**ATE** inhalation 164,000.0 (gases ppm)

**CYCLOHEXANE** 

**Acute toxicity - oral** 

Acute toxicity oral (LD<sub>50</sub> mg/kg)

5,000.0

**Species** Rat ATE oral (mg/kg) 5,000.0

**Acute toxicity - dermal** 

Acute toxicity dermal (LD<sub>50</sub> mg/kg)

2,000.0

**Species** Rabbit ATE dermal (mg/kg) 2,000.0

hydrocarbons, C6-C7,n-alkanes, isoalkanes, cyclics, <5% n-hexane

**Toxicological effects** 

No information available.

**Acute toxicity - oral** 

Acute toxicity oral (LD<sub>50</sub> mg/kg)

5,840.0

**Species** Rat

Notes (oral LD<sub>50</sub>) Not known. Data lacking.

ATE oral (mg/kg) 5,840.0

**Acute toxicity - dermal** 

Acute toxicity dermal (LD<sub>50</sub> mg/kg)

2,920.0

**Species** Rat

Notes (dermal LD<sub>50</sub>) Data lacking. ATE dermal (mg/kg) 2,920.0

**Acute toxicity - inhalation** 

Acute toxicity inhalation (LC<sub>50</sub> vapours mg/l)

25.2

**Species** Rat **ATE** inhalation 25.2 (vapours mg/l)

Skin corrosion/irritation

**Animal data** Data lacking.

Serious eye damage/irritation

Serious eye damage/irritatio

Data lacking.

**Aspiration hazard** 

**Aspiration hazard** Kinematic viscosity > 20.5 mm<sup>2</sup>/s.

Inhalation May cause respiratory system irritation. Ingestion May cause stomach pain or vomiting.

Skin contact Irritating to skin.

Eye contact May cause severe eye irritation.

Acute and chronic health hazards

Vapour from this product may be hazardous by inhalation.

Route of entry Inhalation Skin absorption Ingestion. Skin and/or eye contact

**Target organs** No specific target organs known.

Gas or vapour in high concentrations may irritate the respiratory system. Symptoms following overexposure may include the following: Headache. Fatigue. Nausea, vomiting. **Medical symptoms** 

**Medical considerations** No information available.

### **ETHYL ACETATE**

Acute toxicity - oral

Acute toxicity oral (LD<sub>50</sub> mg/kg)

4,100.0

**Species** Mouse ATE oral (mg/kg) 4,100.0

**Acute toxicity - dermal** 

Acute toxicity dermal (LD<sub>50</sub> mg/kg)

20.000.0

**Species** Rabbit ATE dermal (mg/kg) 20,000.0

Acute toxicity - inhalation

Acute toxicity inhalation (LC<sub>50</sub> vapours mg/l)

30.0

**Species** Rat **ATE** inhalation 30.0 (vapours mg/l)

**HEXANE-norm** 

**Acute toxicity - dermal** 

Acute toxicity dermal

 $(LD_{50} mg/kg)$ 

2,000.0

**Species** Rabbit 2.000.0 ATE dermal (mg/kg)

**Acute toxicity - inhalation** 

Acute toxicity inhalation (LC<sub>50</sub> vapours mg/l)

17.6

**Species** Rat ATE inhalation 17.6 (vapours mg/l)

# **SECTION 12: Ecological Information**

**Ecotoxicity** The product is not expected to be hazardous to the environment.

# **Ecological information on ingredients.**

hydrocarbons, C6-C7,n-alkanes, isoalkanes, cyclics, <5% n-hexane

**Ecotoxicity** Dangerous for the environment.

12.1. **Toxicity** 

Acute toxicity - fish LC50, 96 hours, 96 hours: > 1000 mg/l, Freshwater fish

Acute toxicity aquatic invertebrates

EC<sub>50</sub>, 48 hours: >500 mg/l, Daphnia magna

Acute toxicity - aquatic plants EC<sub>50</sub>, 72 hours, 72 hours: ~ 1640 mg/l, Scenedesmus subspicatus

# **Ecological information on ingredients.**

#### **CYCLOHEXANE**

Acute aquatic toxicity

LE(C)<sub>50</sub>  $0.1 < L(E)C50 \le 1$ 

M factor (Acute)

Acute toxicity - fish LC<sub>0</sub>, 96 hours: 4.53 mg/l, Pimephales promelas (Fat-head Minnow)

Acute toxicity aquatic invertebrates

EC<sub>0</sub>, 48 hours: 0.9 mg/l, Daphnia magna

Acute toxicity aquatic plants

IC<sub>0</sub>, 72 hours: 3.4 mg/l, Algae

**Acute toxicity** 

EC<sub>50</sub>, 20 hours: 29 mg/l, Bacteria

microorganism

**Chronic aquatic toxicity** M factor (Chronic)

# hydrocarbons, C6-C7,n-alkanes, isoalkanes, cyclics, <5% n-

hexane Acute toxicity - fish LC<sub>0</sub>, hours: >1-<10 mg/l, Fish

Acute toxicity -

EC<sub>50</sub>, 48 hours: 3 mg/l, Daphnia magna

aquatic invertebrates

Acute toxicity - aquatic plants

LC<sub>0</sub>, hours: >1-<10 mg/l, Algae

**ETHYL ACETATE** 

Acute toxicity - fish EC<sub>50</sub>, 48 hours: 610 mg/l, Fish

LC<sub>50</sub>, 96 hours: 230 mg/l, Fish

Acute toxicity - aquatic invertebrates

EC<sub>50</sub>, 48 hours: 11.5 mg/l, Daphnia magna

Acute toxicity - aquatic plants

EC<sub>50</sub>, 48 hours: 5600 mg/l, Algae

ZBED (ZINC DIBENZYL DITHIOCARBAMATE)

**Acute aquatic toxicity** 

**LE(C)**<sub>50</sub>  $0.1 < L(E)C50 \le 1$ 

M factor (Acute) 1
Chronic aquatic toxicity
M factor (Chronic) 1

**HEXANE-**

norm Acute toxicity - fish LC50, EC50, IC50, : 10 mg/l, Fish

Acute toxicity - aquatic invertebrates

LC<sub>50</sub>, EC<sub>50</sub>, IC<sub>50</sub>, : 10 mg/l, Daphnia magna

Acute toxicity - aquatic plants

LC<sub>50</sub>, EC<sub>50</sub>, IC<sub>50</sub>, : 10 mg/l, Algae

12.2. Persistence and degradability

**Persistence and degradability** The product is not readily biodegradable. **Stability (hydrolysis)** Reacts with water.

**Biological oxygen demand** < 10 g O<sub>2</sub>/g substance

12.3. Bioaccumulative potential

**Bioaccumulative potential** The product does not contain any substances expected to be bioaccumulating.

Partition coefficient Not available.

**Ecological information on ingredients.** 

**CYCLOHEXANE** 

Bioaccumulative potential BCF: 167,

**ETHYL ACETATE** 

**Bioaccumulative potential** BCF: 30, **Partition coefficient** Not available.

12.4. Mobility in soil

Mobility The product contains volatile organic compounds (VOCs) which will evaporate easily from all

### **Ecological information on ingredients.**

### **ETHYL ACETATE**

The product contains volatile organic compounds (VOCs) which will evaporate easily from all surfaces. **Mobility** 

#### 12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB assessment

This product does not contain any substances classified as PBT or vPvB.

### **Ecological information on ingredients.**

#### **ETHYL ACETATE**

Results of PBT and vPvB assessment

This product does not contain any substances classified as PBT or vPvB.

#### 12.6. Other adverse effects

Other adverse effects

None known.

#### Ecological information on ingredients.

#### **ETHYL ACETATE**

Other adverse effects Not known.

### **SECTION 13: Disposal considerations**

#### 13.1. Waste treatment methods

Waste should be treated as controlled waste. Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority. **General information** 

Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority. **Disposal methods** 

### **SECTION 14: Transport information**

14.1. UN number

UN No. (ADR/RID) 3501 UN No. (IMDG) 3501 UN No. (ICAO) 3501 3501 UN No. (ADN)

14.2. UN proper shipping

name

CHEMICAL UNDER PRESSURE, FLAMMABLE, N.O.S.

Proper shipping name (ADR/RID)

Proper shipping name (IMDG)

CHEMICAL UNDER PRESSURE, FLAMMABLE, N.O.S.

Proper shipping name (ICAO) CHEMICAL UNDER PRESSURE, FLAMMABLE, N.O.S. Proper shipping name (ADN) CHEMICAL UNDER PRESSURE, FLAMMABLE, N.O.S.

### 14.3. Transport hazard class(es)

ADR/RID class ADR/RID classification code 8F

ADR/RID label

2.1

**IMDG class** 2.1 ICAO class/division 2.1 **ADN class** 2.1

# **Transport labels**



# 14.4. Packing group

#### 14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant No.

### 14.6. Special precautions for user

**EmS** F-D, S-U

**ADR transport category Emergency Action Code** 2YE

Hazard Identification Number 23 (ADR/RID)

**Tunnel restriction code** (B/D)

### 14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

### **SECTION 15: Regulatory information**

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

mixture National regulations Health and Safety at Work etc. Act 1974 (as amended).

The Control of Substances Hazardous to Health Regulations 2002 (SI 2002 No. 2677) (as

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (SI 2009 No. 716).

Control of Substances Hazardous to Health Regulations 2002 (as amended).

**EU** legislation

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended).

Guidance The spraying of flammable liquids HSG178.

#### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

# **SECTION 16: Other information**

Issued by Compliance **Revision date** 29/06/2016

Revision 21 20427 SDS number

Risk phrases in full R11 Highly flammable.

R12 Extremely flammable.

R36 Irritating to eyes.

R36/37/38 Irritating to eyes, respiratory system and skin.
R38 Irritating to skin.
R48/20 Harmful: danger of serious damage to health by prolonged exposure through

inhalation.

R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic

environment.

R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic

environment.

R62 Possible risk of impaired fertility.

R65 Harmful: may cause lung damage if swallowed.

R66 Repeated exposure may cause skin dryness or cracking. R67 Vapours may cause drowsiness and dizziness.

Hazard statements in full H220 Extremely flammable gas.

H222 Extremely flammable aerosol.

H225 Highly flammable liquid and vapour.

H229 Pressurised container: may burst if heated

H280 Contains gas under pressure; may explode if heated.

H304 May be fatal if swallowed and enters airways. H312 Harmful in contact with skin.

H315 Causes skin irritation. H319 Causes serious eye irritation. H332 Harmful if inhaled.

H336 May cause drowsiness or dizziness.

H361f Suspected of damaging fertility. H373 May cause damage to organs through prolonged or repeated exposure.

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.

Store Between Store Between 5'c - 25'c

**Contains SVHC** NO