



**SAFETY DATA SHEET**  
according to Regulation (EC) No. 1907/2006  
Tectyl™ TECTYL MULTIPURPOSE  
TRANSPARENT 12/500ML RUST  
PREVENTATIVE

Version: 7.0

Revision Date: 16.11.2023

Print Date: 07/05/2024

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

**1.1 Product identifier**

Trade name : Tectyl™ TECTYL MULTIPURPOSE TRANSPARENT  
12/500ML  
RUST PREVENTATIVE

Product code : 887099

Unique Formula Identifier : W7KC-9CN7-300C-EJXK  
(UFI)

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

Use of the substance/mixture : Coatings

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

Company : Ellis Enterprises B.V., an affiliate of Valvoline Global  
Operations  
Wieldrechtseweg 39  
3316 BG Dordrecht  
Netherlands

Telephone : +31 (0)78 654 3500 (in the Netherlands), or contact your local  
CSR contact person

E-mail address of person : SDS@valvolineglobal.com  
responsible for the SDS

**1.4 Emergency telephone number**

+1-800-VALVOLINE (+1-800-825-8654), or contact your local emergency telephone number  
at 112

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**SECTION 2: Hazards identification**

**2.1 Classification of the substance or mixture**

**Classification (REGULATION (EC) No 1272/2008)**

Aerosols, Category 1

H222: Extremely flammable aerosol.



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Specific target organ toxicity - single exposure, Category 3, Central nervous system  
Long-term (chronic) aquatic hazard, Category 3

H229: Pressurised container: May burst if heated.  
H336: May cause drowsiness or dizziness.

H412: Harmful to aquatic life with long lasting effects.

### 2.2 Label elements

#### Labelling (REGULATION (EC) No 1272/2008)

Hazard pictograms :



Signal word : Danger

Hazard statements : H222 Extremely flammable aerosol.  
H229 Pressurised container: May burst if heated.  
H336 May cause drowsiness or dizziness.  
H412 Harmful to aquatic life with long lasting effects.

Supplemental Hazard Statements : EUH066 Repeated exposure may cause skin dryness or cracking.

Precautionary statements : P101 If medical advice is needed, have product container or label at hand.  
P102 Keep out of reach of children.

#### Prevention:

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.  
P271 Use only outdoors or in a well-ventilated area.

#### Storage:

P405 Store locked up.  
P410 + P412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/ 122 °F.

#### Disposal:

P501 Dispose of contents/ container to an approved waste disposal plant.

Hazardous components which must be listed on the label:

Hydrocarbons, C9-C11, n-alkanes, iso-alkanes, cyclenes, <2% aromatics  
Hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics



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### 2.3 Other hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

Ecological information: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

Toxicological information: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

## SECTION 3: Composition/information on ingredients

### 3.2 Mixtures

#### Components

| Chemical name                                                         | CAS-No.<br>EC-No.<br>Index-No.<br>Registration number            | Classification                                                                                                                                         | Concentration<br>(% w/w) |
|-----------------------------------------------------------------------|------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|
| Hydrocarbons, C9-C11, n-alkanes, iso-alkanes, cyclenes, <2% aromatics | 64742-48-9<br>265-150-3<br>649-327-00-6<br>01-2119463258-33-xxxx | Flam. Liq. 3; H226<br>STOT SE 3; H336<br>(Central nervous system)<br>Asp. Tox. 1; H304                                                                 | >= 15 - < 20             |
| Hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics                   | 64742-49-0<br>265-151-9<br>649-328-00-1<br>01-2119473851-33-xxxx | Flam. Liq. 2; H225<br>STOT SE 3; H336<br>(Central nervous system)<br>Asp. Tox. 1; H304<br>Aquatic Chronic 2; H411                                      | >= 10 - < 15             |
| DIACETONE ALCOHOL                                                     | 123-42-2<br>204-626-7<br>603-016-00-1<br>01-2119473975-21-xxxx   | Eye Irrit. 2; H319<br>STOT SE 3; H335<br>(Respiratory system)<br><br>specific<br>concentration limit<br><b>Eye Irrit. 2; H319</b><br><b>&gt;= 10 %</b> | >= 1 - < 2,5             |
| OLEYL N-METHYLGLYCINE                                                 | 110-25-8                                                         | Acute Tox. 4; H332                                                                                                                                     | >= 0,5 - < 1             |

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|                                                  |                                                                    |                                                                                                                                                                                                                                                                                             |                 |
|--------------------------------------------------|--------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|
|                                                  | 203-749-3                                                          | Skin Irrit. 2; H315<br>Eye Dam. 1; H318<br>Aquatic Acute 1;<br>H400<br>Aquatic Chronic 3;<br>H412<br>M-Factor (Acute<br>aquatic toxicity): 1<br>M-Factor (Chronic<br>aquatic toxicity): 1<br><hr/> Acute toxicity<br>estimate<br><br>Acute inhalation<br>toxicity (dust/mist):<br>1,02 mg/l |                 |
| ALCOHOLS, C11-14-ISO-, C13-<br>RICH, ETHOXYLATED | 78330-21-9                                                         | Acute Tox. 4; H302<br>Eye Dam. 1; H318<br>Aquatic Acute 1;<br>H400<br>Aquatic Chronic 2;<br>H411<br><hr/> Acute toxicity<br>estimate<br><br>Acute oral toxicity:<br>1.940 mg/kg                                                                                                             | >= 0,1 - < 0,25 |
| Substances with a workplace exposure limit :     |                                                                    |                                                                                                                                                                                                                                                                                             |                 |
| DIMETHYL ETHER                                   | 115-10-6<br>204-065-8<br>603-019-00-8<br>01-2119472128-37-<br>0005 | Flam. Gas 1; H220<br>Press.<br>Gas Liquefied gas;<br>H280                                                                                                                                                                                                                                   | >= 25 - < 40    |
| PROPANE                                          | 74-98-6<br>200-827-9<br>601-003-00-5<br>01-2119486944-21-<br>xxxx  | Flam. Gas 1; H220<br>Press.<br>Gas Liquefied gas;<br>H280                                                                                                                                                                                                                                   | >= 15 - < 25    |
| PROPYLENE GLYCOL<br>MONOMETHYL ETHER ACETATE     | 108-65-6<br>203-603-9<br>607-195-00-7                              | Flam. Liq. 3; H226                                                                                                                                                                                                                                                                          | >= 1 - < 2,5    |

For explanation of abbreviations see section 16.



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## SECTION 4: First aid measures

### 4.1 Description of first aid measures

- |                        |   |                                                                                                                                                                                     |
|------------------------|---|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| General advice         | : | Move out of dangerous area.<br>Show this safety data sheet to the doctor in attendance.<br>Do not leave the victim unattended.                                                      |
| If inhaled             | : | Consult a physician after significant exposure.<br>If unconscious, place in recovery position and seek medical advice.                                                              |
| In case of eye contact | : | Flush eyes with water as a precaution.<br>Remove contact lenses.<br>Protect unharmed eye.<br>Keep eye wide open while rinsing.<br>If eye irritation persists, consult a specialist. |
| If swallowed           | : | Keep respiratory tract clear.<br>Do not give milk or alcoholic beverages.<br>Never give anything by mouth to an unconscious person.<br>If symptoms persist, call a physician.       |

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

- |          |   |                                                                                             |
|----------|---|---------------------------------------------------------------------------------------------|
| Symptoms | : | No symptoms known or expected.                                                              |
| Risks    | : | May cause drowsiness or dizziness.<br>Repeated exposure may cause skin dryness or cracking. |

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

- |           |   |                                                                                    |
|-----------|---|------------------------------------------------------------------------------------|
| Treatment | : | No hazards which require special first aid measures.<br><br>Treat symptomatically. |
|-----------|---|------------------------------------------------------------------------------------|

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## SECTION 5: Firefighting measures

### 5.1 Extinguishing media

- |                              |   |                                                                             |
|------------------------------|---|-----------------------------------------------------------------------------|
| Suitable extinguishing media | : | Alcohol-resistant foam<br>Carbon dioxide (CO <sub>2</sub> )<br>Dry chemical |
| Unsuitable extinguishing     | : | High volume water jet                                                       |



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media

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

- Specific hazards during firefighting : Do not allow run-off from fire fighting to enter drains or water courses.
- Hazardous combustion products : carbon dioxide and carbon monoxide  
various hydrocarbons  
Acetone  
acrid smoke and fumes  
  
carbon dioxide and carbon monoxide

### 5.3 Advice for firefighters

- Special protective equipment for firefighters : Wear self-contained breathing apparatus for firefighting if necessary.
- Further information : Collect contaminated fire extinguishing water separately. This must not be discharged into drains.  
Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.  
For safety reasons in case of fire, cans should be stored separately in closed containments.  
Use a water spray to cool fully closed containers.

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## SECTION 6: Accidental release measures

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

- Personal precautions : Avoid breathing dust.  
Ensure adequate ventilation.  
Remove all sources of ignition.  
Evacuate personnel to safe areas.  
Beware of vapours accumulating to form explosive concentrations. Vapours can accumulate in low areas.

### 6.2 Environmental precautions

- Environmental precautions : Prevent product from entering drains.  
Prevent further leakage or spillage if safe to do so.  
If the product contaminates rivers and lakes or drains inform respective authorities.



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

### 6.4 Reference to other sections

See sections: 7, 8, 11, 12 and 13.

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## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

- |                                                 |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|-------------------------------------------------|---|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Advice on safe handling                         | : | Do not breathe vapours/dust.<br>Avoid exposure - obtain special instructions before use.<br>For personal protection see section 8.<br>Smoking, eating and drinking should be prohibited in the application area.<br>Take precautionary measures against static discharges.<br>Provide sufficient air exchange and/or exhaust in work rooms.<br>Open drum carefully as content may be under pressure.<br>Dispose of rinse water in accordance with local and national regulations. |
| Advice on protection against fire and explosion | : | Do not spray on a naked flame or any incandescent material.<br>Take necessary action to avoid static electricity discharge (which might cause ignition of organic vapours). Use only explosion-proof equipment. Keep away from open flames, hot surfaces and sources of ignition.                                                                                                                                                                                                 |
| Hygiene measures                                | : | Wash hands before breaks and at the end of workday.                                                                                                                                                                                                                                                                                                                                                                                                                               |

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

- |                                               |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|-----------------------------------------------|---|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Requirements for storage areas and containers | : | BEWARE: Aerosol is pressurized. Keep away from direct sun exposure and temperatures over 50 °C. Do not open by force or throw into fire even after use. Do not spray on flames or red-hot objects. No smoking. Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Observe label precautions. Electrical installations / working materials must comply with the technological safety standards. |
| Further information on storage stability      | : | No decomposition if stored and applied as directed.                                                                                                                                                                                                                                                                                                                                                                                                                                                       |

### 7.3 Specific end use(s)

- |                 |   |                   |
|-----------------|---|-------------------|
| Specific use(s) | : | No data available |
|-----------------|---|-------------------|

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

#### Occupational Exposure Limits

| Components                                                                                         | CAS-No.    | Value type (Form of exposure) | Control parameters                   | Basis      |
|----------------------------------------------------------------------------------------------------|------------|-------------------------------|--------------------------------------|------------|
| DIMETHYL ETHER                                                                                     | 115-10-6   | TWA                           | 1.000 ppm<br>1.885 mg/m <sup>3</sup> | IS OEL     |
|                                                                                                    |            | TWA                           | 1.000 ppm<br>1.920 mg/m <sup>3</sup> | 2000/39/EC |
| Further information: Indicative                                                                    |            |                               |                                      |            |
| PROPANE                                                                                            | 74-98-6    | TWA                           | 1.000 ppm<br>1.800 mg/m <sup>3</sup> | IS OEL     |
| Hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics                                                | 64742-49-0 | TWA                           | 300 ppm<br>1.400 mg/m <sup>3</sup>   | IS OEL     |
|                                                                                                    |            | TWA (Particles (mist))        | 1 mg/m <sup>3</sup>                  | IS OEL     |
| DIACETONE ALCOHOL                                                                                  | 123-42-2   | TWA                           | 50 ppm<br>240 mg/m <sup>3</sup>      | IS OEL     |
| PROPYLENE GLYCOL MONOMETHYL ETHER ACETATE                                                          | 108-65-6   | TWA                           | 50 ppm<br>275 mg/m <sup>3</sup>      | IS OEL     |
| Further information: Skin notation                                                                 |            |                               |                                      |            |
|                                                                                                    |            | STEL                          | 100 ppm<br>550 mg/m <sup>3</sup>     | IS OEL     |
| Further information: Skin notation                                                                 |            |                               |                                      |            |
|                                                                                                    |            | STEL                          | 100 ppm<br>550 mg/m <sup>3</sup>     | 2000/39/EC |
| Further information: Identifies the possibility of significant uptake through the skin, Indicative |            |                               |                                      |            |
|                                                                                                    |            | TWA                           | 50 ppm<br>275 mg/m <sup>3</sup>      | 2000/39/EC |
| Further information: Identifies the possibility of significant uptake through the skin, Indicative |            |                               |                                      |            |

#### Derived No Effect Level (DNEL) according to Regulation (EC) No. 1907/2006:

| Substance name | End Use   | Exposure routes | Potential health effects   | Value                  |
|----------------|-----------|-----------------|----------------------------|------------------------|
| DIMETHYL ETHER | Workers   | Inhalation      | Long-term systemic effects | 1894 mg/m <sup>3</sup> |
|                | Consumers | Inhalation      | Long-term systemic         | 471 mg/m <sup>3</sup>  |



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|  |  |  |         |  |
|--|--|--|---------|--|
|  |  |  | effects |  |
|--|--|--|---------|--|

### Predicted No Effect Concentration (PNEC) according to Regulation (EC) No. 1907/2006:

| Substance name | Environmental Compartment | Value       |
|----------------|---------------------------|-------------|
| DIMETHYL ETHER | Fresh water               | 0,155 mg/l  |
|                | Marine water              | 0,016 mg/l  |
|                | Sewage treatment plant    | 160 mg/l    |
|                | Fresh water sediment      | 0,681 mg/kg |
|                | Marine sediment           | 0,069 mg/kg |
|                | Soil                      | 0,045 mg/kg |

## 8.2 Exposure controls

### Personal protective equipment

Eye/face protection : Eye wash bottle with pure water  
Tightly fitting safety goggles

Hand protection

Remarks : Nitrile rubber  
The suitability for a specific workplace should be discussed  
with the producers of the protective gloves.

Skin and body protection : Impervious clothing  
Choose body protection according to the amount and  
concentration of the dangerous substance at the work place.

Respiratory protection : Use respiratory protection unless adequate local exhaust  
ventilation is provided or exposure assessment demonstrates  
that exposures are within recommended exposure guidelines.  
Equipment should conform to EN 143

Filter type : Particulates type (P)

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

Physical state : aerosol  
Colour : transparent  
Odour : solvent-like  
Odour Threshold : No data available

Melting point/freezing point : No data available

Boiling point/boiling range : No data available

Flammability : No data available



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|                                                  |   |                                    |
|--------------------------------------------------|---|------------------------------------|
| Upper explosion limit / Upper flammability limit | : | No data available                  |
| Lower explosion limit / Lower flammability limit | : | No data available                  |
| Flash point                                      | : | Not applicable                     |
| Decomposition temperature                        | : | No data available                  |
| pH                                               | : | Not applicable                     |
| Viscosity                                        |   |                                    |
| Viscosity, dynamic                               | : | No data available                  |
| Viscosity, kinematic                             | : | No data available                  |
| Solubility(ies)                                  |   |                                    |
| Water solubility                                 | : | insoluble                          |
| Solubility in other solvents                     | : | No data available                  |
| Partition coefficient: n-octanol/water           | : | No data available                  |
| Vapour pressure                                  | : | No data available                  |
| Relative density                                 | : | No data available                  |
| Density                                          | : | ca. 0,72 g/cm <sup>3</sup> (20 °C) |
| Relative vapour density                          | : | No data available                  |
| <b>9.2 Other information</b>                     |   |                                    |
| Oxidizing properties                             | : | No data available                  |
| Self-ignition                                    | : | No data available                  |
| Evaporation rate                                 | : | No data available                  |

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## SECTION 10: Stability and reactivity

### 10.1 Reactivity

No decomposition if stored and applied as directed.



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#### 10.2 Chemical stability

No decomposition if stored and applied as directed.

#### 10.3 Possibility of hazardous reactions

Hazardous reactions : No decomposition if stored and applied as directed.

Vapours may form explosive mixture with air.

#### 10.4 Conditions to avoid

Conditions to avoid : Exposure to air.  
Exposure to moisture

#### 10.5 Incompatible materials

Materials to avoid : aluminum  
aluminium hydride  
Carbon monoxide  
halogens  
Lead  
lithium aluminum hydride  
Oxygen  
peroxides  
Strong acids  
strong alkalis  
Strong oxidizing agents

#### 10.6 Hazardous decomposition products

No hazardous decomposition products are known.

Hazardous decomposition products : acrid smoke and fumes  
carbon dioxide and carbon monoxide  
various hydrocarbons

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### SECTION 11: Toxicological information

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

##### Acute toxicity

Not classified based on available information.

##### Components:

##### Hydrocarbons, C9-C11, n-alkanes, iso-alkanes, cyclenes, <2% aromatics:

Acute oral toxicity : LD50 (Rat, male and female): > 15.000 mg/kg



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Method: OECD Test Guideline 423  
Remarks: The toxicological data has been taken from products of similar composition.

Acute inhalation toxicity : LC50 (Rat): > 4,95 mg/l  
Exposure time: 4 h  
Test atmosphere: vapour  
Method: OECD Test Guideline 403  
Assessment: The substance or mixture has no acute inhalation toxicity  
Remarks: The toxicological data has been taken from products of similar composition.

Acute dermal toxicity : LD50 (Rabbit, male and female): >= 3.160 mg/kg  
Method: OECD Test Guideline 402  
Assessment: The substance or mixture has no acute dermal toxicity  
Remarks: The toxicological data has been taken from products of similar composition.

### Hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics:

Acute oral toxicity : LD50 (Rat, male and female): > 5.000 mg/kg  
Acute inhalation toxicity : LC50 (Rat, male and female): > 23,3 mg/l  
Exposure time: 4 h  
Test atmosphere: vapour  
Method: OECD Test Guideline 403  
Assessment: The substance or mixture has no acute inhalation toxicity  
Acute dermal toxicity : LD50 (Rat, male and female): > 2.800 - 3.100 mg/kg

### DIACETONE ALCOHOL:

Acute oral toxicity : LD50 (Rat): 3.002 mg/kg  
Method: OECD Test Guideline 401  
Acute dermal toxicity : LD50 (Rabbit): 13.500 mg/kg  
LD50 (Rat): > 1.875 mg/kg  
Assessment: The substance or mixture has no acute dermal toxicity

### OLEYL N-METHYLGLYCINE:

Acute oral toxicity : LD50 (Rat): > 5.000 mg/kg



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Acute inhalation toxicity : LC50 (Rat): > 1,01 - 1,85 mg/l  
Exposure time: 4 h  
Test atmosphere: dust/mist

### ALCOHOLS, C11-14-ISO-, C13-RICH, ETHOXYLATED:

Acute oral toxicity : LD50 (Rat, female): 1.940 mg/kg  
Method: OECD Test Guideline 401

Acute toxicity estimate: 1.940 mg/kg  
Method: Calculation method

### DIMETHYL ETHER:

Acute inhalation toxicity : LC50 (Mouse): 494,36 mg/l  
Exposure time: 15 min  
Test atmosphere: gas

LC50 (Mouse): 385,94 mg/l  
Exposure time: 30 min  
Test atmosphere: gas

LC50 (Rat): 164000 ppm  
Exposure time: 4 h  
Test atmosphere: gas

### PROPANE:

Acute inhalation toxicity : LC50 (Rat): 1.237 mg/l  
Exposure time: 2 h  
Test atmosphere: gas  
Assessment: The substance or mixture has no acute inhalation toxicity  
Remarks: The toxicological data has been taken from products of similar composition.

### PROPYLENE GLYCOL MONOMETHYL ETHER ACETATE:

Acute oral toxicity : LD50 (Rat): 8.532 mg/kg

Acute inhalation toxicity : LC50 (Rat): > 1728 ppm  
Exposure time: 4 h  
Test atmosphere: vapour  
Assessment: The substance or mixture has no acute inhalation toxicity



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Acute dermal toxicity : LD50 (Rabbit): > 5.000 mg/kg

**Skin corrosion/irritation**

Repeated exposure may cause skin dryness or cracking.

**Components:**

**Hydrocarbons, C9-C11, n-alkanes, iso-alkanes, cyclenes, <2% aromatics:**

Result : Slight, transient irritation

**Hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics:**

Species : Rabbit  
Method : OECD Test Guideline 404  
Result : Slight, transient irritation

**DIACETONE ALCOHOL:**

Species : Rabbit  
Method : OECD Test Guideline 404  
Result : Slight, transient irritation

**OLEYL N-METHYLGLYCINE:**

Result : Irritating to skin.

**ALCOHOLS, C11-14-ISO-, C13-RICH, ETHOXYLATED:**

Species : Rabbit  
Result : No skin irritation

**PROPYLENE GLYCOL MONOMETHYL ETHER ACETATE:**

Result : No skin irritation

**Serious eye damage/eye irritation**

Not classified based on available information.

**Components:**

**Hydrocarbons, C9-C11, n-alkanes, iso-alkanes, cyclenes, <2% aromatics:**

Result : No eye irritation

**Hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics:**

Species : Rabbit  
Result : Slight, transient irritation



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**DIACETONE ALCOHOL:**

Species : Human  
Assessment : Irritating to eyes.  
Result : Irritating to eyes.  
Remarks : 100 ppm for 15 minutes

**OLEYL N-METHYLGLYCINE:**

Result : Corrosive

**ALCOHOLS, C11-14-ISO-, C13-RICH, ETHOXYLATED:**

Species : Rabbit  
Result : Corrosive

**PROPYLENE GLYCOL MONOMETHYL ETHER ACETATE:**

Result : Slight, transient irritation

**Respiratory or skin sensitisation**

**Skin sensitisation**

Not classified based on available information.

**Respiratory sensitisation**

Not classified based on available information.

**Components:**

**Hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics:**

Test Type : Maximisation Test  
Species : Guinea pig  
Assessment : Does not cause skin sensitisation.  
Method : OECD Test Guideline 406  
Result : Did not cause sensitisation on laboratory animals.

**DIACETONE ALCOHOL:**

Test Type : Maximisation Test  
Species : Guinea pig  
Method : OECD Test Guideline 406  
Result : Did not cause sensitisation on laboratory animals.

**OLEYL N-METHYLGLYCINE:**

Test Type : Maximisation Test



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Species : Guinea pig  
Assessment : Does not cause skin sensitisation.

### ALCOHOLS, C11-14-ISO-, C13-RICH, ETHOXYLATED:

Species : Guinea pig  
Assessment : Does not cause skin sensitisation.  
Method : OECD Test Guideline 406

### DIMETHYL ETHER:

Remarks : Not applicable

### PROPYLENE GLYCOL MONOMETHYL ETHER ACETATE:

Test Type : Maximisation Test  
Species : Guinea pig  
Assessment : Did not cause sensitisation on laboratory animals.  
Method : OECD Test Guideline 406

### Germ cell mutagenicity

Not classified based on available information.

### Components:

#### Hydrocarbons, C9-C11, n-alkanes, iso-alkanes, cyclenes, <2% aromatics:

Germ cell mutagenicity- : Classified based on benzene content < 0.1% (Regulation (EC)  
Assessment : 1272/2008, Annex VI, Part 3, Note P)  
Remarks: Not classified

#### Hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics:

Genotoxicity in vitro : Test Type: Ames test  
Metabolic activation: with and without metabolic activation  
Method: OECD Test Guideline 471  
Result: negative

Method: OECD Test Guideline 473  
Result: negative

Genotoxicity in vivo : Test Type: In vivo micronucleus test  
Species: Mouse  
Application Route: Oral  
Method: OECD Test Guideline 474  
Result: negative

Germ cell mutagenicity- : Classified based on benzene content < 0.1% (Regulation (EC)



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Assessment 1272/2008, Annex VI, Part 3, Note P)

### OLEYL N-METHYLGLYCINE:

Genotoxicity in vitro : Test Type: Ames test  
Test system: Salmonella typhimurium  
Metabolic activation: with and without metabolic activation  
Result: negative

### DIMETHYL ETHER:

Genotoxicity in vitro : Test Type: Ames test  
Result: negative  
  
Test Type: Chromosome aberration test in vitro  
Result: negative  
  
Test Type: In vitro mammalian cell gene mutation test  
Result: negative  
  
Test Type: unscheduled DNA synthesis assay  
Result: negative  
  
Genotoxicity in vivo : Species: Drosophila melanogaster (vinegar fly)  
Result: negative

### PROPANE:

Genotoxicity in vitro : Test Type: Ames test  
Test system: Salmonella typhimurium  
Metabolic activation: with and without metabolic activation  
Result: negative  
Remarks: The toxicological data has been taken from products of similar composition.

### PROPYLENE GLYCOL MONOMETHYL ETHER ACETATE:

Genotoxicity in vitro : Test Type: Ames test  
Test system: Salmonella typhimurium  
Metabolic activation: with and without metabolic activation  
Method: OECD Test Guideline 471  
Result: negative  
GLP: yes

### Carcinogenicity

Not classified based on available information.



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### Components:

#### **Hydrocarbons, C9-C11, n-alkanes, iso-alkanes, cyclenes, <2% aromatics:**

Carcinogenicity - : Classified based on benzene content < 0.1% (Regulation (EC)  
Assessment 1272/2008, Annex VI, Part 3, Note P)  
Remarks: Not classified

#### **Hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics:**

Carcinogenicity - : Classified based on benzene content < 0.1% (Regulation (EC)  
Assessment 1272/2008, Annex VI, Part 3, Note P)

#### **DIMETHYL ETHER:**

Species : Rat  
Application Route : inhalation (vapour)  
NOAEL : 47,106 mg/l  
Result : negative

#### **Reproductive toxicity**

Not classified based on available information.

### Components:

#### **Hydrocarbons, C9-C11, n-alkanes, iso-alkanes, cyclenes, <2% aromatics:**

Reproductive toxicity - : No toxicity to reproduction  
Assessment No toxicity to reproduction  
Remarks: Not classified

#### **DIMETHYL ETHER:**

Effects on fertility : Application Route: inhalation (gas)  
Result: Animal testing did not show any effects on fertility.

Effects on foetal : Application Route: inhalation (vapour)  
development Method: OECD Test Guideline 414  
Result: No teratogenic effects  
GLP: yes

#### **STOT - single exposure**

May cause drowsiness or dizziness.

### Components:

#### **Hydrocarbons, C9-C11, n-alkanes, iso-alkanes, cyclenes, <2% aromatics:**

Assessment : May cause drowsiness or dizziness.



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**Hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics:**

Assessment : May cause drowsiness or dizziness.

**DIACETONE ALCOHOL:**

Assessment : May cause respiratory irritation.

**STOT - repeated exposure**

Not classified based on available information.

**Repeated dose toxicity**

**Components:**

**DIMETHYL ETHER:**

Species : Rat  
NOAEL : 47,106 g/m3  
Application Route : inhalation (vapour)  
Method : OECD Test Guideline 452

**Aspiration toxicity**

Not classified based on available information.

**Components:**

**Hydrocarbons, C9-C11, n-alkanes, iso-alkanes, cyclenes, <2% aromatics:**

May be fatal if swallowed and enters airways.

**Hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics:**

May be fatal if swallowed and enters airways.

**11.2 Information on other hazards**

**Endocrine disrupting properties**

**Product:**

Assessment : The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.



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### Further information

#### Product:

Remarks : Symptoms of overexposure may be headache, dizziness, tiredness, nausea and vomiting.  
Concentrations substantially above the TLV value may cause narcotic effects.  
Solvents may degrease the skin.

## SECTION 12: Ecological information

### 12.1 Toxicity

#### Product:

#### **Ecotoxicology Assessment**

Acute aquatic toxicity : Acute aquatic toxicity Category 2; Toxic to aquatic life.  
Chronic aquatic toxicity : Chronic aquatic toxicity Category 3; Harmful to aquatic life with long lasting effects.

#### Components:

#### **Hydrocarbons, C9-C11, n-alkanes, iso-alkanes, cyclenes, <2% aromatics:**

Toxicity to fish : LL50 (Oncorhynchus mykiss (rainbow trout)): > 1.000 mg/l  
Exposure time: 96 h  
Test Type: semi-static test  
Test substance: WAF  
Method: OECD Test Guideline 203

Toxicity to daphnia and other aquatic invertebrates : EL50 (Daphnia magna (Water flea)): 1.000 mg/l  
Exposure time: 48 h  
Test Type: static test  
Test substance: WAF  
Method: OECD Test Guideline 202

Toxicity to algae/aquatic plants : EL50 (Pseudokirchneriella subcapitata (green algae)): > 1.000 mg/l  
End point: Growth inhibition  
Exposure time: 72 h  
Test Type: static test  
Method: OECD Test Guideline 201



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### Hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics:

- Toxicity to fish : LL50 (Oncorhynchus mykiss (rainbow trout)): 3 - 10 mg/l  
Exposure time: 96 h  
Test Type: semi-static test  
Test substance: WAF  
Method: OECD Test Guideline 203
- Toxicity to daphnia and other aquatic invertebrates : EL50 (Daphnia magna (Water flea)): 4,6 - 10 mg/l  
Exposure time: 48 h  
Test Type: static test  
Test substance: WAF  
Method: OECD Test Guideline 202
- Toxicity to algae/aquatic plants : EL50 (Pseudokirchneriella subcapitata (green algae)): 10 - 30 mg/l  
End point: Growth inhibition  
Exposure time: 72 h  
Test Type: static test  
Method: OECD Test Guideline 201
- Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity) : NOEC: 0,17 mg/l  
Exposure time: 21 d  
Species: Daphnia magna (Water flea)  
Test Type: static test  
Test substance: WAF  
Method: OECD Test Guideline 211

### DIACETONE ALCOHOL:

- Toxicity to fish : LC50 (Oryzias latipes (Orange-red killifish)): > 100 mg/l  
Exposure time: 96 h  
Test Type: semi-static test  
Method: OECD Test Guideline 203
- Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia magna (Water flea)): > 1.000 mg/l  
Exposure time: 48 h  
Test Type: semi-static test  
Method: OECD Test Guideline 202
- Toxicity to algae/aquatic plants : ErC50 (Pseudokirchneriella subcapitata (green algae)): > 1.000 mg/l  
Exposure time: 72 h  
Test Type: static test  
Method: OECD Test Guideline 201



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**Ecotoxicology Assessment**

Acute aquatic toxicity : Not classified based on available information.

Chronic aquatic toxicity : Not classified based on available information.

**OLEYL N-METHYLGLYCINE:**

Toxicity to fish : LC50 (Leuciscus idus (Golden orfe)): 0,93 mg/l  
Exposure time: 96 h  
Test Type: static test

Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia magna (Water flea)): 0,43 mg/l  
Exposure time: 48 h  
Test Type: static test

Toxicity to algae/aquatic plants : EC50 (Desmodesmus subspicatus (green algae)): 6,3 mg/l  
End point: Growth inhibition  
Exposure time: 72 h  
Test Type: static test

M-Factor (Acute aquatic toxicity) : 1

M-Factor (Chronic aquatic toxicity) : 1

**Ecotoxicology Assessment**

Acute aquatic toxicity : Very toxic to aquatic life.

Chronic aquatic toxicity : Harmful to aquatic life with long lasting effects.

**ALCOHOLS, C11-14-ISO-, C13-RICH, ETHOXYLATED:**

Toxicity to fish : LC50 (Danio rerio (zebra fish)): > 1 - 10 mg/l  
Exposure time: 96 h  
Method: OECD Test Guideline 203

Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia magna (Water flea)): 5 - 10 mg/l  
Exposure time: 48 h  
Method: OECD Test Guideline 202

Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity) : EC50: 0,77 mg/l

**Ecotoxicology Assessment**

Acute aquatic toxicity : Acute aquatic toxicity Category 1; Very toxic to aquatic life.



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Chronic aquatic toxicity : Chronic aquatic toxicity Category 2; Toxic to aquatic life with long lasting effects.

### **DIMETHYL ETHER:**

Toxicity to fish : LC50 (Poecilia reticulata (guppy)): > 4,1 g/l  
Exposure time: 96 h  
Test Type: semi-static test  
Remarks: No toxicity at the limit of solubility

Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia magna Straus): > 4,4 g/l  
Exposure time: 48 h  
Test Type: static test  
Remarks: No toxicity at the limit of solubility

Toxicity to algae/aquatic plants : EC50 : 155 mg/l  
Exposure time: 96 h  
Remarks: QSAR

Toxicity to microorganisms : EC10 (Pseudomonas putida): > 1.600 mg/l

### **Ecotoxicology Assessment**

Acute aquatic toxicity : Not classified based on available information.

Chronic aquatic toxicity : Not classified based on available information.

### **PROPANE:**

#### **Ecotoxicology Assessment**

Acute aquatic toxicity : Not classified based on available information.

Chronic aquatic toxicity : Not classified based on available information.

### **PROPYLENE GLYCOL MONOMETHYL ETHER ACETATE:**

Toxicity to fish : LC50 (Oryzias latipes (Orange-red killifish)): > 100 mg/l  
Exposure time: 96 h  
Test Type: semi-static test  
Method: OECD Test Guideline 203  
GLP: yes

Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia magna (Water flea)): 373 mg/l  
Exposure time: 48 h  
Test Type: static test  
Method: OECD Test Guideline 202



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|                                                                        |                                                                                                                                                                                                     |
|------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                        | GLP: yes                                                                                                                                                                                            |
| Toxicity to algae/aquatic plants                                       | : EC50 (Pseudokirchneriella subcapitata (microalgae)): > 1.000 mg/l<br>End point: Growth inhibition<br>Exposure time: 72 h<br>Test Type: static test<br>Method: OECD Test Guideline 201<br>GLP: yes |
|                                                                        | NOEC (Pseudokirchneriella subcapitata (microalgae)): 1.000 mg/l<br>End point: Growth inhibition<br>Exposure time: 72 h<br>Test Type: static test<br>Method: OECD Test Guideline 201<br>GLP: yes     |
| Toxicity to fish (Chronic toxicity)                                    | : NOEC: 47,5 mg/l<br>Exposure time: 14 d<br>Species: Oryzias latipes (Orange-red killifish)<br>Test Type: flow-through test<br>Method: OECD Test Guideline 204<br>GLP: yes                          |
| Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity) | : NOEC: > 100 mg/l<br>Exposure time: 21 d<br>Species: Daphnia magna (Water flea)<br>Test Type: semi-static test<br>Method: OECD Test Guideline 211<br>GLP: yes                                      |

### Ecotoxicology Assessment

|                          |                                                  |
|--------------------------|--------------------------------------------------|
| Acute aquatic toxicity   | : Not classified based on available information. |
| Chronic aquatic toxicity | : Not classified based on available information. |

## 12.2 Persistence and degradability

### Components:

#### Hydrocarbons, C9-C11, n-alkanes, iso-alkanes, cyclenes, <2% aromatics:

|                  |                                                                                 |
|------------------|---------------------------------------------------------------------------------|
| Biodegradability | : Result: Readily biodegradable.<br>Biodegradation: 80 %<br>Exposure time: 28 d |
|------------------|---------------------------------------------------------------------------------|



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Method: OECD Test Guideline 301F

### Hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics:

Biodegradability : Inoculum: activated sludge  
Biodegradation: 98 %  
Exposure time: 28 d  
Method: OECD Test Guideline 301F  
Remarks: The toxicological data has been taken from products of similar composition.

### ALCOHOLS, C11-14-ISO-, C13-RICH, ETHOXYLATED:

Biodegradability : Concentration: 20 mg/l  
Result: Readily biodegradable.  
Biodegradation: > 60 %  
Exposure time: 28 d  
Method: OECD Test Guideline 301F

### DIMETHYL ETHER:

Biodegradability : Test Type: aerobic  
Inoculum: activated sludge  
Concentration: 2 mg/l  
Result: Not readily biodegradable.  
Biodegradation: 5 %  
Method: OECD Test Guideline 301D  
Remarks: According to the results of tests of biodegradability this product is not readily biodegradable.

### PROPYLENE GLYCOL MONOMETHYL ETHER ACETATE:

Biodegradability : Result: Readily biodegradable.  
Biodegradation: 83 %  
Exposure time: 28 d  
Method: OECD Test Guideline 301F

## 12.3 Bioaccumulative potential

### Components:

#### DIACETONE ALCOHOL:

Partition coefficient: n- : log Pow: -0,098  
octanol/water

#### OLEYL N-METHYLGLYCINE:

Partition coefficient: n- : log Pow: 3,5 - 4,2



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octanol/water

**DIMETHYL ETHER:**

Partition coefficient: n- : log Pow: 0,10  
octanol/water

**PROPANE:**

Partition coefficient: n- : log Pow: 2,36  
octanol/water

**PROPYLENE GLYCOL MONOMETHYL ETHER ACETATE:**

Partition coefficient: n- : Pow: 1,2  
octanol/water

**12.4 Mobility in soil**

No data available

**12.5 Results of PBT and vPvB assessment**

**Product:**

Assessment : This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

**Components:**

**DIMETHYL ETHER:**

Assessment : This substance is not considered to be very persistent and very bioaccumulating (vPvB).. This substance is not considered to be persistent, bioaccumulating and toxic (PBT).

**12.6 Endocrine disrupting properties**

**Product:**

Assessment : The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

**12.7 Other adverse effects**

**Product:**

Additional ecological information : An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.



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Toxic to aquatic life.  
Harmful to aquatic life with long lasting effects.

**Global warming potential**

Assessment Report of the Intergovernmental Panel on Climate Change (IPCC) of the United Nations Framework Convention on Climate Change (UNFCCC)

**Components:**

**PROPANE:**

20-year global warming potential: 0,072  
100-year global warming potential: 0,02  
500-year global warming potential: 0,006  
Atmospheric lifetime: 0,036 yr  
Radiative efficiency: 0 Wm<sup>2</sup>ppb  
Further information: Miscellaneous compounds

**SECTION 13: Disposal considerations**

**13.1 Waste treatment methods**

Product : The product should not be allowed to enter drains, water courses or the soil.  
Do not contaminate ponds, waterways or ditches with chemical or used container.  
Send to a licensed waste management company.

Contaminated packaging : Empty remaining contents.  
Dispose of as unused product.  
Do not re-use empty containers.  
Do not burn, or use a cutting torch on, the empty drum.

**SECTION 14: Transport information**

**14.1 UN number or ID number**

ADR : UN 1950  
IMDG : UN 1950  
IATA : UN 1950

**14.2 UN proper shipping name**



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**ADR** : AEROSOLS  
**IMDG** : AEROSOLS  
**IATA** : Aerosols, flammable

**14.3 Transport hazard class(es)**

**ADR** : 2  
**IMDG** : 2.1  
**IATA** : 2.1

**14.4 Packing group**

**ADR**  
Packing group : Not assigned by regulation  
Classification Code : 5F  
Labels : 2.1  
Tunnel restriction code : (D)

**IMDG**  
Packing group : Not assigned by regulation  
Labels : 2.1  
EmS Code : F-D, S-U

**IATA (Cargo)**  
Packing instruction (cargo aircraft) : 203  
Packing instruction (LQ) : Y203  
Packing group : Not assigned by regulation  
Labels : Flammable Gas

**IATA\_P (Passenger)**  
Packing instruction (passenger aircraft) : 203  
Packing instruction (LQ) : Y203  
Packing group : Not assigned by regulation  
Labels : Flammable Gas

**14.5 Environmental hazards**

**ADR**  
Environmentally hazardous : no  
**IMDG**  
Marine pollutant : no

**14.6 Special precautions for user**

The transport classification(s) provided herein are for informational purposes only, and solely based upon the properties of the unpackaged material as it is described within this Safety Data Sheet.



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Transportation classifications may vary by mode of transportation, package sizes, and variations in regional or country regulations.

**14.7 Maritime transport in bulk according to IMO instruments**

Not applicable for product as supplied.

Dangerous goods descriptions (if indicated above) may not reflect quantity, end-use or region-specific exceptions that can be applied. Consult shipping documents for descriptions that are specific to the shipment.

---

**SECTION 15: Regulatory information**

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

REACH - Candidate List of Substances of Very High Concern for Authorisation (Article 59) : Not applicable

REACH - List of substances subject to authorisation (Annex XIV) : Not applicable

Regulation (EC) No 1005/2009 on substances that deplete the ozone layer : Not applicable

Regulation (EU) 2019/1021 on persistent organic pollutants (recast) : Not applicable

Seveso III: Directive 2012/18/EU of the European Parliament and of the Council on the control of major-accident hazards involving dangerous substances.

P3a FLAMMABLE AEROSOLS

18 Liquefied flammable gases (including LPG) and natural gas

34 Petroleum products: (a) gasolines and naphthas, (b) kerosenes (including jet fuels), (c) gas oils (including diesel fuels, home heating oils and gas oil blending streams), (d) heavy fuel oils (e) alternative fuels serving the same purposes and with similar properties as regards flammability and environmental hazards as the products referred to in points (a) to (d)

**Other regulations:**

Take note of Directive 92/85/EEC regarding maternity protection or stricter national regulations,



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where applicable.

Take note of Directive 94/33/EC on the protection of young people at work or stricter national regulations, where applicable.

**The components of this product are reported in the following inventories:**

|       |                                                          |
|-------|----------------------------------------------------------|
| TCSI  | : Not in compliance with the inventory                   |
| TSCA  | : All substances listed as active on the TSCA inventory  |
| AIIC  | : Not in compliance with the inventory                   |
| DSL   | : All components of this product are on the Canadian DSL |
| ENCS  | : Not in compliance with the inventory                   |
| KECI  | : On the inventory, or in compliance with the inventory  |
| PICCS | : On the inventory, or in compliance with the inventory  |
| IECSC | : On the inventory, or in compliance with the inventory  |
| NZIoC | : Not in compliance with the inventory                   |

**15.2 Chemical safety assessment**

No data available

**Inventories**

AIIC (Australia), DSL (Canada), IECSC (China), REACH (European Union), ENCS (Japan), ISHL (Japan), KECI (Korea), NZIoC (New Zealand), PICCS (Philippines), TCSI (Taiwan), TECI (Thailand), TSCA (USA)

**SECTION 16: Other information**

**Full text of H-Statements**

|      |                                                       |
|------|-------------------------------------------------------|
| H220 | : Extremely flammable gas.                            |
| H225 | : Highly flammable liquid and vapour.                 |
| H226 | : Flammable liquid and vapour.                        |
| H280 | : Contains gas under pressure; may explode if heated. |
| H302 | : Harmful if swallowed.                               |
| H304 | : May be fatal if swallowed and enters airways.       |
| H315 | : Causes skin irritation.                             |
| H318 | : Causes serious eye damage.                          |
| H319 | : Causes serious eye irritation.                      |
| H332 | : Harmful if inhaled.                                 |



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|      |   |                                                    |
|------|---|----------------------------------------------------|
| H335 | : | May cause respiratory irritation.                  |
| H336 | : | May cause drowsiness or dizziness.                 |
| H400 | : | Very toxic to aquatic life.                        |
| H411 | : | Toxic to aquatic life with long lasting effects.   |
| H412 | : | Harmful to aquatic life with long lasting effects. |

### Full text of other abbreviations

|                   |   |                                                                                                                    |
|-------------------|---|--------------------------------------------------------------------------------------------------------------------|
| Acute Tox.        | : | Acute toxicity                                                                                                     |
| Aquatic Acute     | : | Short-term (acute) aquatic hazard                                                                                  |
| Aquatic Chronic   | : | Long-term (chronic) aquatic hazard                                                                                 |
| Asp. Tox.         | : | Aspiration hazard                                                                                                  |
| Eye Dam.          | : | Serious eye damage                                                                                                 |
| Eye Irrit.        | : | Eye irritation                                                                                                     |
| Flam. Gas         | : | Flammable gases                                                                                                    |
| Flam. Liq.        | : | Flammable liquids                                                                                                  |
| Press. Gas        | : | Gases under pressure                                                                                               |
| Skin Irrit.       | : | Skin irritation                                                                                                    |
| STOT SE           | : | Specific target organ toxicity - single exposure                                                                   |
| 2000/39/EC        | : | Europe. Commission Directive 2000/39/EC establishing a first list of indicative occupational exposure limit values |
| IS OEL            | : | Iceland. OELs. Regulation 390/2009 on Pollution Limits and Measures to Reduce Pollution at the Workplace           |
| IS OEL            | : | Iceland. Regulation on occupational exposure limits.                                                               |
| 2000/39/EC / TWA  | : | Limit Value - eight hours                                                                                          |
| 2000/39/EC / STEL | : | Short term exposure limit                                                                                          |
| IS OEL / TWA      | : | Time Weighted Average (TWA):                                                                                       |
| IS OEL / TWA      | : | Long term exposure limit                                                                                           |
| IS OEL / STEL     | : | Short term exposure                                                                                                |

ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways; ADR - Agreement concerning the International Carriage of Dangerous Goods by Road; AIIC - Australian Inventory of Industrial Chemicals; ASTM - American Society for the Testing of Materials; bw - Body weight; CLP - Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECHA - European Chemicals Agency; EC-Number - European Community number; ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a



## SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006  
Tectyl™ TECTYL MULTIPURPOSE  
TRANSPARENT 12/500ML RUST  
PREVENTATIVE

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test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RID - Regulations concerning the International Carriage of Dangerous Goods by Rail; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; SVHC - Substance of very high concern; TCSI - Taiwan Chemical Substance Inventory; TECI - Thailand Existing Chemicals Inventory; TSCA - Toxic Substances Control Act (United States); UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative

### Further information

Internal information : R0524263

#### Classification of the mixture:

|                   |            |
|-------------------|------------|
| Aerosol 1         | H222, H229 |
| STOT SE 3         | H336       |
| Aquatic Chronic 3 | H412       |

#### Classification procedure:

|                    |
|--------------------|
| Calculation method |
| Calculation method |
| Calculation method |

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

IS / EN