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Conforms to EU Regulation 1907/2006/EC as amended. - SDSGHS\_HU

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

**1.1 Product identifier**

Trade name : No data available

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

Recommended use : Cleaner.


<p><b>1.3 Details of the supplier of the safety data sheet</b>          Ellis Enterprises B.V., an affiliate of Valvoline          Wieldrechtseweg 39          3316 BG Dordrecht          Netherlands          +31 (0)78 654 3500 (in the Netherlands), or          contact your local CSR contact person</p> <p>SDS@valvoline.com</p>	<p><b>1.4 Emergency telephone number</b>          +1-800-VALVOLINE (+1-800-825-8654), or          contact your local emergency telephone number at          06 80 20 11 99, 06 1 476 6464</p> <p><b>Product Information</b>          +31 (0)78 654 3500 (in the Netherlands), or          contact your local CSR contact person</p>
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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.
	H229: Pressurised container: May burst if heated.
Skin irritation, Category 2	H315: Causes skin irritation.
Eye irritation, Category 2	H319: Causes serious eye irritation.
Specific target organ toxicity - single exposure, Category 3, Central nervous system	H336: May cause drowsiness or dizziness.
Long-term (chronic) aquatic hazard, Category 2	H411: Toxic to aquatic life with long lasting effects.

	
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## 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.
H315	Causes skin irritation.
H319	Causes serious eye irritation.
H336	May cause drowsiness or dizziness.
H411	Toxic to aquatic life with long lasting effects.

Precautionary statements :

P102	Keep out of reach of children.
<b>Prevention:</b>	
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.
P260	Do not breathe spray.
<b>Storage:</b>	
P410 + P412	Protect from sunlight. Do not expose to temperatures exceeding 50 °C/ 122 °F.
<b>Disposal:</b>	
P501	Dispose of contents/container in accordance with regional regulations.

Hazardous components which must be listed on the label:

Hydrocarbons, C6-C7, n-alkanes, iso-alkanes, cyclenes, <5% nhexane

Acetone

1-Methoxypropan-2-ol

## 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.

### Additional advice

No information available.

## SECTION 3: Composition/information on ingredients

### 3.2 Mixtures


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**Hazardous components**

Chemical name	CAS-No. EC-No. Registration number	Classification (REGULATION (EC) No 1272/2008)	Concentration (%)
Hydrocarbons, C6-C7, n-alkanes, iso-alkanes, cyclenes, <5% nhexane	921-024-6 01-2119475514-35-xxxx	Flam. Liq.2; H225 Skin Irrit.2; H315 STOT SE3; H336 Asp. Tox.1; H304 Aquatic Chronic2; H411	>= 70,00 - < 80,00
Acetone	67-64-1 200-662-2 01-2119471330-49-xxxx	Flam. Liq.2; H225 Eye Irrit.2; H319 STOT SE3; H336	>= 40,00 - < 50,00
Substances with a workplace exposure limit :			
Carbon dioxide	124-38-9 907-631-9	Press. GasLiquefied gas; H280	>= 5,00 - < 10,00
1-Methoxypropan-2-ol	107-98-2 203-539-1 01-2119457435-35-xxxx	Flam. Liq.3; H226 STOT SE3; H336	>= 5,00 - < 10,00

For explanation of abbreviations see section 16.

**SECTION 4: First aid measures**
**4.1 Description of first aid measures**

- General advice : Move out of dangerous area.  
Call a POISON CENTRE or doctor/physician if exposed or you feel unwell.  
Show this safety data sheet to the doctor in attendance.  
Do not leave the victim unattended.
- If inhaled : Move to fresh air.  
If unconscious, place in recovery position and seek medical advice.  
Consult a physician after significant exposure.
- In case of skin contact : Remove contaminated clothing. If irritation develops, get medical attention.  
If on skin, rinse well with water.  
Wash contaminated clothing before re-use.
- In case of eye contact : Immediately flush eye(s) with plenty of water.  
Remove contact lenses.  
Protect unharmed eye.


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If swallowed : Do not give milk or alcoholic beverages.  
Never give anything by mouth to an unconscious person.  
If symptoms persist, call a physician.

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

Symptoms : No symptoms known or expected.

Risks : Causes skin irritation.  
Causes serious eye irritation.  
May cause drowsiness or dizziness.

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

Treatment : No hazards which require special first aid measures.

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**SECTION 5: Firefighting measures**
**5.1 Extinguishing media**

Suitable extinguishing media : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Water spray  
Foam  
Alcohol-resistant foam  
Carbon dioxide (CO<sub>2</sub>)  
Dry chemical

Unsuitable extinguishing media : High volume water jet

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

Specific hazards during firefighting : Never use welding or cutting torch on or near drum (even empty) because product (even just residue) can ignite explosively.  
Beware of vapours accumulating to form explosive concentrations. Vapours can accumulate in low areas.  
Do not allow run-off from fire fighting to enter drains or water courses.

Hazardous combustion products : carbon dioxide and carbon monoxide  
Hydrocarbons

**5.3 Advice for firefighters**

Special protective equipment for firefighters : In the event of fire, wear self-contained breathing apparatus.


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- Specific extinguishing methods : Product is compatible with standard fire-fighting agents.
- Further information : Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.  
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 : Evacuate personnel to safe areas.  
Remove all sources of ignition.  
Use personal protective equipment.  
Ensure adequate ventilation.  
Beware of vapours accumulating to form explosive concentrations. Vapours can accumulate in low areas.  
Persons not wearing protective equipment should be excluded from area of spill until clean-up has been completed.  
Comply with all applicable federal, state, and local regulations.

**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.

**6.3 Methods and material for containment and cleaning up**
**6.4 Reference to other sections**

For further information see Section 8 and Section 13 of the safety data sheet.

---

**SECTION 7: Handling and storage**
**7.1 Precautions for safe handling**

- Advice on safe handling : Open drum carefully as content may be under pressure.  
Provide sufficient air exchange and/or exhaust in work rooms.  
Do not breathe vapours/dust.  
Do not smoke.  
Container hazardous when empty.  
Take precautionary measures against static discharges.  
Avoid exposure - obtain special instructions before use.  
Avoid contact with skin and eyes.  
Smoking, eating and drinking should be prohibited in the application area.


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For personal protection see section 8.  
Dispose of rinse water in accordance with local and national regulations.  
Container may be opened only under exhaust ventilation hood.

Advice on protection against fire and explosion : Take necessary action to avoid static electricity discharge (which might cause ignition of organic vapours). Keep away from open flames, hot surfaces and sources of ignition. Use only explosion-proof equipment.

Hygiene measures : Wash hands before breaks and at the end of workday. When using do not eat or drink. When using do not smoke.

**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. 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. No smoking.

Other data : No decomposition if stored and applied as directed.

**7.3 Specific end use(s)**

Specific use(s) : No data available

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**SECTION 8: Exposure controls/personal protection**
**8.1 Control parameters**
**Occupational Exposure Limits**

Components	CAS-No.	Value type (Form of exposure)	Control parameters	Basis
Hydrocarbons, C6-C7, n-alkanes, iso-alkanes, cyclenes, <5% nhexane		CEIL (Mist)	5 mg/m3 Mist	HU OEL
		CEIL (Mist)	5 mg/m3 Mist	HU OEL
Acetone	67-64-1	TWA	500 ppm 1.210 mg/m3	2000/39/EC
		TWA	1.210 mg/m3	HU OEL

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		STEL	2.420 mg/m <sup>3</sup>	HU OEL
Carbon dioxide	124-38-9	TWA	5.000 ppm 9.000 mg/m <sup>3</sup>	2006/15/EC
		TWA	9.000 mg/m <sup>3</sup>	HU OEL
		STEL	72.000 mg/m <sup>3</sup>	HU OEL
1-Methoxypropan-2-ol	107-98-2	TWA	100 ppm 375 mg/m <sup>3</sup>	2000/39/EC
		STEL	150 ppm 568 mg/m <sup>3</sup>	2000/39/EC
		TWA	375 mg/m <sup>3</sup>	HU OEL
		STEL	568 mg/m <sup>3</sup>	HU OEL

**8.2 Exposure controls**
**Engineering measures**

Provide sufficient mechanical (general and/or local exhaust) ventilation to maintain exposure below exposure guidelines (if applicable) or below levels that cause known, suspected or apparent adverse effects.

**Personal protective equipment**

Eye protection : Wear chemical splash goggles when there is the potential for exposure of the eyes to liquid, vapor or mist.

Hand protection

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

Skin and body protection : Wear as appropriate:  
Impervious clothing  
Safety shoes  
Flame-resistant clothing  
Choose body protection according to the amount and concentration of the dangerous substance at the work place.  
Discard gloves that show tears, pinholes, or signs of wear.

Respiratory protection : In the case of vapour formation use a respirator with an approved filter.  
In the case of dust or aerosol formation use respirator with an approved filter.

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**SECTION 9: Physical and chemical properties**
**9.1 Information on basic physical and chemical properties**


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Appearance : aerosol

Colour : clear

Odour : solvent-like

Odour Threshold : No data available

pH : No data available

Melting point/freezing point : No data available

Initial boiling point and boiling range : Not applicable

Flash point : Not applicable

Evaporation rate : No data available

Flammability (solid, gas) : No data available

Upper explosion limit / Upper flammability limit : 13 %(V)

Lower explosion limit / Lower flammability limit : 0,6 %(V)

Vapour pressure : 247 hPa (20 °C)

Relative vapour density : No data available

Relative density : No data available

Density : 0,71 g/cm<sup>3</sup> (20 °C)

Solubility(ies)

    Water solubility : immiscible

    Solubility in other solvents : No data available

Partition coefficient: n-octanol/water : No data available

Ignition temperature : > 200 °C

Decomposition temperature : No data available

Viscosity

    Viscosity, dynamic : No data available




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Viscosity, kinematic : No data available

Oxidizing properties : No data available

**9.2 Other information**

Self-ignition : not auto-flammable

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**SECTION 10: Stability and reactivity**
**10.1 Reactivity**

No decomposition if stored and applied as directed.

**10.2 Chemical stability**

Stable under recommended storage conditions.

**10.3 Possibility of hazardous reactions**

Hazardous reactions : Vapours may form explosive mixture with air.

**10.4 Conditions to avoid**

Conditions to avoid : Exposure to air or moisture over prolonged periods.

Heat, flames and sparks.

**10.5 Incompatible materials**

Materials to avoid : Acids  
alkalis  
aluminum  
Amines  
Ammonia  
halogens  
peroxides  
Reducing agents  
salts of strong bases  
strong bases  
Strong oxidizing agents

**10.6 Hazardous decomposition products**

Hazardous decomposition products : No hazardous decomposition products are known.

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**SECTION 11: Toxicological information**
**11.1 Information on toxicological effects**


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Information on likely routes of exposure : Inhalation  
Skin contact  
Eye Contact  
Ingestion

**Acute toxicity**

Not classified based on available information.

**Components:**
**Hydrocarbons, C6-C7, n-alkanes, iso-alkanes, cyclenes, <5% nhexane:**

Acute oral toxicity : LD50 (Rat): > 5.840 mg/kg  
Remarks: Information given is based on data obtained from similar substances.

Acute inhalation toxicity : LC50 (Rat): > 25,2 mg/l  
Exposure time: 4 h  
Test atmosphere: dust/mist

Acute dermal toxicity : LD50 (Rat): > 2.800 - 3.100 mg/kg  
Assessment: Not classified as acutely toxic by dermal absorption under GHS.  
Remarks: Information given is based on data obtained from similar substances.

**Components:**
**ACETONE:**

Acute oral toxicity : LD50 (Rat, female): 5.800 mg/kg

Acute inhalation toxicity : LC50 (Rat, female): 76 mg/l  
Exposure time: 4 h  
Test atmosphere: vapour

Acute dermal toxicity : LD50 (Rabbit): > 7.426 mg/kg

**Components:**
**1-METHOXY-2-PROPANOL:**

Acute oral toxicity : LD50 (Rat): 4.016 mg/kg


Acute inhalation toxicity : LC50 (Rat): > 10000 ppm  
Exposure time: 4 h  
Test atmosphere: vapour

Acute dermal toxicity : LD50 (Rabbit): 13.000 mg/kg

**Skin corrosion/irritation**

Causes skin irritation.

**Product:**

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Result: Repeated exposure may cause skin dryness or cracking.

Remarks: May cause skin irritation and/or dermatitis.

**Components:**

**Hydrocarbons, C6-C7, n-alkanes, iso-alkanes, cyclenes, <5% nhexane:**

Result: Irritating to skin.

**ACETONE:**

Result: Slight, transient irritation

Result: Repeated exposure may cause skin dryness or cracking.

**CARBON DIOXIDE:**

Result: No skin irritation

**1-METHOXY-2-PROPANOL:**

Result: No skin irritation

**Serious eye damage/eye irritation**

Causes serious eye irritation.

**Product:**

Remarks: Vapours may cause irritation to the eyes, respiratory system and the skin., Causes serious eye irritation.

**Components:**

**Hydrocarbons, C6-C7, n-alkanes, iso-alkanes, cyclenes, <5% nhexane:**

Result: Slight, transient irritation

**ACETONE:**

Result: Irritating to eyes.

**CARBON DIOXIDE:**

Result: No eye irritation

**1-METHOXY-2-PROPANOL:**

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:**

**1-METHOXY-2-PROPANOL:**

Assessment: Did not cause sensitisation on laboratory animals.


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**Germ cell mutagenicity**

Not classified based on available information.

**Components:**
**Hydrocarbons, C6-C7, n-alkanes, iso-alkanes, cyclenes, <5% nhexane:**

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

**1-METHOXY-2-PROPANOL:**

Genotoxicity in vitro : Test Type: Chromosome aberration test in vitro  
Result: negative

**Carcinogenicity**

Not classified based on available information.

**Components:**
**Hydrocarbons, C6-C7, n-alkanes, iso-alkanes, cyclenes, <5% nhexane:**

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

**Reproductive toxicity**

Not classified based on available information.

**STOT - single exposure**

May cause drowsiness or dizziness.

**Components:**
**Hydrocarbons, C6-C7, n-alkanes, iso-alkanes, cyclenes, <5% nhexane:**

Assessment: May cause drowsiness or dizziness.

**ACETONE:**

Exposure routes: Inhalation

Target Organs: Nervous system

Assessment: May cause drowsiness or dizziness.

**1-METHOXY-2-PROPANOL:**

Assessment: May cause drowsiness or dizziness.

**STOT - repeated exposure**

Not classified based on available information.


**Aspiration toxicity**

Not classified based on available information.

**Components:**
**Hydrocarbons, C6-C7, n-alkanes, iso-alkanes, cyclenes, <5% nhexane:**

May be fatal if swallowed and enters airways.

**ACETONE:**

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May be harmful if swallowed and enters airways.

**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**

**Components:**

Hydrocarbons, C6-C7, n-alkanes, iso-alkanes, cyclenes, <5% nhexane

- Toxicity to fish : LL50 (Oncorhynchus mykiss (rainbow trout)): 11,4 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 hyalina (water flea)): 3 mg/l  
 Exposure time: 48 h  
 Test Type: static test  
 Test substance: WAF  
 Method: OECD Test Guideline 202
  
- Toxicity to algae : EL50 (Pseudokirchneriella subcapitata (green algae)): > 10 - 30 mg/l  
 End point: Growth inhibition  
 Exposure time: 72 h  
 Test Type: static test  
 Test substance: WAF  
 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
  
- Acetone  
 Toxicity to fish : LC50 (Oncorhynchus mykiss (rainbow trout)): 4.740 - 6.330 mg/l  
 Exposure time: 96 h  
 Test Type: static test


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LC50 (Pimephales promelas (fathead minnow)): 8.733 - 9.482 mg/l

Exposure time: 96 h

Test Type: flow-through test

Toxicity to algae : NOEC (Microcystis aeruginosa (blue-green algae)): 530 mg/l  
Exposure time: 8 d  
Test Type: static test

Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity) : NOEC: 2.112 mg/l  
Exposure time: 28 d  
Species: Daphnia magna (Water flea)  
Test Type: flow-through test

1-Methoxypropan-2-ol  
Toxicity to fish : LC50 (Pimephales promelas (fathead minnow)): > 100 mg/l  
Exposure time: 96 h  
Test Type: static test

Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia magna (Water flea)): > 100 mg/l  
Exposure time: 48 h  
Test Type: static test

Toxicity to algae : EC50 (Pseudokirchneriella subcapitata (green algae)): > 1.000 mg/l  
End point: Growth inhibition  
Exposure time: 7 d  
Test Type: static test

## 12.2 Persistence and degradability


### Components:

Hydrocarbons, C6-C7, n-alkanes, iso-alkanes, cyclenes, <5% nhexane

Biodegradability : Inoculum: activated sludge  
Biodegradation: 98 %  
Exposure time: 28 d  
Method: OECD Test Guideline 301F

Acetone  
Biodegradability : Result: Readily biodegradable.  
Biodegradation: 90,9 %  
Exposure time: 28 d  
Method: OECD Test Guideline 301B

1-Methoxypropan-2-ol  
Biodegradability : Result: Readily biodegradable.  
Biodegradation: 96 %  
Exposure time: 28 d  
Method: OECD Test Guideline 301E

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### 12.3 Bioaccumulative potential

**Components:**

Acetone  
 Partition coefficient: n-octanol/water : log Pow: -0,24

### 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..

### 12.6 Other adverse effects

**Product:**

Additional ecological information : An environmental hazard cannot be excluded in the event of unprofessional handling or disposal., Toxic to aquatic life with long lasting effects.

## 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.  
 Empty containers should be taken to an approved waste handling site for recycling or disposal.  
 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

ADN : UN 1950

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**ADR** : UN 1950

**RID** : UN 1950

**IMDG** : UN 1950

**IATA** : UN 1950

**14.2 UN proper shipping name**

**ADN** : AEROSOLS

**ADR** : AEROSOLS

**RID** : AEROSOLS

**IMDG** : AEROSOLS  
( )

**IATA** : AEROSOLS

**14.3 Transport hazard class(es)**

**ADN** : 2

**ADR** : 2

**RID** : 2

**IMDG** : 2.1

**IATA** : 2.1

**14.4 Packing group**

**ADN**  
Packing group : Not assigned by regulation  
Classification Code : 5F  
Labels : 2.1


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

**RID**  
Packing group : Not assigned by regulation  
Classification Code : 5F  
Hazard Identification Number : 23  
Labels : 2.1

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

**IATA (Cargo)**  
Packing instruction (cargo) : 203



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aircraft)  
Packing instruction (LQ) : Y203  
Packing group : Not assigned by regulation  
Labels : Flammable gas

**IATA (Passenger)**

Packing instruction : 203  
(passenger aircraft)  
Packing instruction (LQ) : Y203  
Packing group : Not assigned by regulation  
Labels : Flammable gas

**14.5 Environmental hazards**

**ADN**

Environmentally hazardous : yes

**ADR**

Environmentally hazardous : yes

**RID**

Environmentally hazardous : yes

**IMDG**

Marine pollutant : yes

**IATA (Passenger)**

Environmentally hazardous : yes

**IATA (Cargo)**

Environmentally hazardous : yes

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

**14.7 Transport in bulk according to Annex II of Marpol and the IBC Code**

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.

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**SECTION 15: Regulatory information**

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

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

Regulation (EC) No 850/2004 on persistent organic : Not applicable


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pollutants

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

REACH - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, preparations and articles (Annex XVII) : Not applicable

REACH - Candidate List of Substances of Very High Concern for Authorisation (Article 57). : Not applicable

Regulation (EC) No 649/2012 of the European Parliament and the Council concerning the export and import of dangerous chemicals : 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.

		Quantity 1	Quantity 2
P3b	FLAMMABLE AEROSOLS	5.000 t	50.000 t
E2	ENVIRONMENTAL HAZARDS	200 t	500 t

Other regulations : 2000 XXV. Law on chemical safety 44/2000. (XII 27) Ministry of health dangerous substances and preparations dangerous for certain procedures and arrangements for activities

Young people under 18 years old are not allowed to work with this product according to the EU Directive 94/33/EC on the protection of young people at work.

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

DSL : This product contains one or several components that are not on the Canadian DSL and have annual quantity limits.

AICS Not in compliance with the inventory


ENCS Not in compliance with the inventory

KECI Not in compliance with the inventory

PICCS Not in compliance with the inventory

IECSC Not in compliance with the inventory

TCSI Not in compliance with the inventory

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TSCA

Not On TSCA Inventory

**Inventories**

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

**15.2 Chemical safety assessment**

No data available

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**SECTION 16: Other information**

**Further information**

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**Full text of H-Statements**

- H225 Highly flammable liquid and vapour.
- H226 Flammable liquid and vapour.
- H280 Contains gas under pressure; may explode if heated.
- H304 May be fatal if swallowed and enters airways.
- H315 Causes skin irritation.
- H319 Causes serious eye irritation.
- H336 May cause drowsiness or dizziness.
- H411 Toxic to aquatic life with long lasting effects.

Other information : The information accumulated herein is believed to be accurate but is not warranted to be whether originating with the company or not. Recipients are advised to confirm in advance of need that the information is current, applicable, and suitable to their circumstances. This SDS has been prepared by Valvoline's Environmental Health and Safety Department (+31 (0)78 654 3500).

Sources of key data used to compile the Safety Data Sheet  
 Valvoline internal data including own and sponsored test reports  
 The UNECE administers regional agreements implementing harmonised classification for labelling (GHS) and transport.

List of abbreviations and acronyms that could be, but not necessarily are, used in this safety data sheet :


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ACGIH : American Conference of Industrial Hygienists  
 BEI : Biological Exposure Index  
 CAS : Chemical Abstracts Service (Division of the American Chemical Society).  
 CMR : Carcinogenic, Mutagenic or Toxic for Reproduction  
 FG : Food grade  
 GHS : Globally Harmonized System of Classification and Labeling of Chemicals.  
 H-statement : Hazard Statement  
 IATA : International Air Transport Association.  
 IATA-DGR : Dangerous Goods Regulation by the "International Air Transport Association" (IATA).  
 ICAO : International Civil Aviation Organization  
 ICAO-TI (ICAO) : Technical Instructions by the "International Civil Aviation Organization"  
 IMDG : International Maritime Code for Dangerous Goods  
 ISO : International Organization for Standardization  
 logPow : octanol-water partition coefficient  
 LCxx : Lethal Concentration, for xx percent of test population  
 LDxx : Lethal Dose, for xx percent of test population.  
 ICxx : Inhibitory Concentration for xx of a substance  
 Ecxx : Effective Concentration of xx  
 N.O.S.: Not Otherwise Specified  
 OECD : Organization for Economic Co-operation and Development  
 OEL : Occupational Exposure Limit  
 P-Statement : Precautionary Statement  
 PBT : Persistent , Bioaccumulative and Toxic  
 PPE : Personal Protective Equipment  
 STEL : Short-term exposure limit  
 STOT : Specific Target Organ Toxicity  
 TLV : Threshold Limit Value  
 TWA : Time-weighted average  
 vPvB : Very Persistent and Very Bioaccumulative  
 WEL : Workplace Exposure Level

ABM : Water Hazard Class for the Netherlands  
 ADR : Agreement concerning the International Carriage of Dangerous Goods by Road.  
 ADN: Regulation for the Carriage of Dangerous Substances on the Rhine  
 CLP : Classification, Labelling and Packaging  
 CSA : Chemical Safety Assessment  
 CSR : Chemical Safety Report  
 DNEL : Derived No Effect Level.  
 EINECS : European Inventory of Existing Commercial Chemical Substances.  
 ELINCS : European List of Notified Chemical Substances  
 PEC : Predicted Effect Concentration  
 PEL : Permissible Exposure Limits  
 PNEC : Predicted No Effect Concentration  
 R-phrase : Risk phrase  
 REACH : Registration, Evaluation, Authorisation and Restriction of Chemicals  
 RID : Regulation Concerning the International Transport of Dangerous Goods by Rail  
 S-phrase: Safety phrase  
 WGK : German Water Hazard Class



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