



SAFETY DATA SHEET
according to Regulation (EC) No. 1907/2006
Tectyl™ 550 ML WAX

Version: 6.0

Revision Date: 02.10.2023

Print Date: 28/03/2024

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

1.1 Product identifier

Trade name : Tectyl™ 550 ML
WAX

Product code : VE20080

Unique Formula Identifier (UFI) : 2AAC-RC4P-W00U-J5AN

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

Use of the substance/mixture : Corrosion inhibitor

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 responsible for the SDS : SDS@valvolineglobal.com

1.4 Emergency telephone number

00-800-825-8654, or contact your local emergency telephone number at 112

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification (REGULATION (EC) No 1272/2008) as amended by GB-CLP Regulation, UK SI 2019/720, and UK SI 2020/1567)

Flammable liquids, Category 3

H226: Flammable liquid and vapour.



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

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) as amended by GB-CLP Regulation, UK SI 2019/720, and UK SI 2020/1567)

Hazard pictograms

:



Signal word

: Warning

Hazard statements

: H226 Flammable liquid and vapour.
H336 May cause drowsiness or dizziness.
H412 Harmful to aquatic life with long lasting effects.

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

Response:

P370 + P378 In case of fire: Use dry sand, dry chemical or alcohol-resistant foam to extinguish.

Storage:

P405 Store locked up.

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

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.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Components

Chemical name	CAS-No. EC-No. Index-No. Registration number	Classification	Concentration (% w/w)
Hydrocarbons, C9-C11, n-alkanes, iso-alkanes, cyclenes, <2% aromatics	64742-48-9 265-150-3 649-327-00-6 01-2119463258-33-xxxx	Flam. Liq. 3; H226 STOT SE 3; H336 (Central nervous system) Asp. Tox. 1; H304	>= 40 - < 50
Sulfonic acids, petroleum, sodium salts	68608-26-4 271-781-5 01-2119527859-22-xxxx	Eye Irrit. 2; H319	>= 2.5 - < 5
ethylene glycol monobutyl ether	111-76-2 203-905-0 603-014-00-0 01-2119475108-36-xxxx	Acute Tox. 4; H302 Acute Tox. 4; H332 Acute Tox. 3; H311 Skin Irrit. 2; H315 Eye Irrit. 2; H319	>= 1 - < 2.5
1H-Imidazole-1-ethanol, 4,5-dihydro-, 2-C15-17-unsatd. alkyl derivs.	68937-01-9 273-051-1	Skin Corr. 1B; H314 Eye Dam. 1; H318 Aquatic Acute 1; H400 Aquatic Chronic 1; H410 M-Factor (Acute aquatic toxicity): 1 M-Factor (Chronic aquatic toxicity): 1	>= 0.5 - < 1

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.
Show this safety data sheet to the doctor in attendance.



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	Do not leave the victim unattended.
If inhaled	: Consult a physician after significant exposure. If unconscious, place in recovery position and seek medical advice.
In case of skin contact	: If skin irritation persists, call a physician. If on skin, rinse well with water. If on clothes, remove clothes.
In case of eye contact	: Flush eyes with water as a precaution. Remove contact lenses. Protect unharmed eye. Keep eye wide open while rinsing. If eye irritation persists, consult a specialist.
If swallowed	: Keep respiratory tract clear. 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	: 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. Treat symptomatically.
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SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media	: Alcohol-resistant foam Carbon dioxide (CO ₂) Dry chemical
Unsuitable extinguishing media	: High volume water jet



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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 |

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. |

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

- | | | |
|----------------------|---|---|
| Personal precautions | : | Use personal protective equipment.
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. |
|---------------------------|---|---|

6.3 Methods and material for containment and cleaning up

- | | | |
|-------------------------|---|---|
| Methods for cleaning up | : | Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13). |
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6.4 Reference to other sections

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

SECTION 7: Handling and storage

7.1 Precautions for safe handling

- Advice on safe handling : Avoid formation of aerosol.
Do not breathe vapours/dust.
Avoid exposure - obtain special instructions before use.
Avoid contact with skin and eyes.
For personal protection see section 8.
Smoking, eating and drinking should be prohibited in the application area.
Take precautionary measures against static discharges.
Provide sufficient air exchange and/or exhaust in work rooms.
Open drum carefully as content may be under pressure.
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.
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.
- Hygiene measures : When using do not eat or drink. When using do not smoke.
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 : 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
ethylene glycol monobutyl ether	111-76-2	TWA	25 ppm 123 mg/m3	GB EH40
	Further information: Can be absorbed through the skin. The assigned substances are those for which there are concerns that dermal absorption will lead to systemic toxicity.			
		STEL	50 ppm 246 mg/m3	GB EH40
	Further information: Can be absorbed through the skin. The assigned substances are those for which there are concerns that dermal absorption will lead to systemic toxicity.			
		TWA	20 ppm 98 mg/m3	2000/39/EC
	Further information: Identifies the possibility of significant uptake through the skin, Indicative			
		STEL	50 ppm 246 mg/m3	2000/39/EC
	Further information: Identifies the possibility of significant uptake through the skin, Indicative			

Biological occupational exposure limits

Substance name	CAS-No.	Control parameters	Sampling time	Basis
ethylene glycol monobutyl ether	111-76-2	butoxyacetic acid: 240 Millimoles per mole creatinine (Urine)	After shift	GB EH40 BAT

8.2 Exposure controls

Personal protective equipment

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

Hand protection

Remarks : 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.



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Respiratory protection : No personal respiratory protective equipment normally required.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance	: liquid
Colour	: amber
Odour	: solvent-like
Odour Threshold	: No data available
pH	: Not applicable
Melting point/freezing point	: No data available
Boiling point/boiling range	: No data available
Flash point	: 40 °C Method: Pensky-Martens closed cup
Evaporation rate	: No data available
Flammability (solid, gas)	: No data available
Upper explosion limit / Upper flammability limit	: No data available
Lower explosion limit / Lower flammability limit	: No data available
Vapour pressure	: No data available
Relative vapour density	: No data available
Relative density	: No data available
Density	: ca. 0.86 g/cm ³ (20 °C)
Solubility(ies)	
Water solubility	: immiscible
Solubility in other solvents	: No data available
Partition coefficient: n-octanol/water	: No data available
Decomposition temperature	: No data available



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Viscosity
Viscosity, dynamic : No data available

Viscosity, kinematic : > 21 mm²/s (40 °C)

Oxidizing properties : No data available

9.2 Other information

Self-ignition : No data available

SECTION 10: Stability and reactivity

10.1 Reactivity

No decomposition if stored and applied as directed.

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 : excessive heat
Do not allow evaporation to dryness.

10.5 Incompatible materials

Materials to avoid : Acids
Amines
Ammonia
Bases
chlorates
Chlorine
salts of strong bases
Strong oxidizing agents

10.6 Hazardous decomposition products

No hazardous decomposition products are known.



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SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity

Not classified based on available information.

Product:

Acute oral toxicity	:	Acute toxicity estimate: > 2,000 mg/kg Method: Calculation method
Acute inhalation toxicity	:	Acute toxicity estimate: > 5 mg/l Exposure time: 4 h Test atmosphere: dust/mist Method: Calculation method
Acute dermal toxicity	:	Acute toxicity estimate: > 2,000 mg/kg Method: Calculation method

Components:

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

Acute oral toxicity	:	LD50 (Rat, male and female): > 15,000 mg/kg 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.

Sulfonic acids, petroleum, sodium salts:



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Acute oral toxicity	: LD50 (Rat): > 5 g/kg LD50 (Rat): > 5,000 mg/kg Method: OECD Test Guideline 401 GLP: yes Remarks: The toxicological data has been taken from products of similar composition.
Acute inhalation toxicity	: LC50 (Rat): > 1.9 mg/l Exposure time: 4 h Test atmosphere: dust/mist Method: OECD Test Guideline 403 GLP: yes Assessment: The component/mixture is minimally toxic after short term inhalation. Remarks: No mortality observed at this dose. The toxicological data has been taken from products of similar composition.
Acute dermal toxicity	: LD50 (Rabbit): > 5,000 mg/kg Method: OECD Test Guideline 402 GLP: yes Remarks: No mortality observed at this dose. The toxicological data has been taken from products of similar composition.

ethylene glycol monobutyl ether:

Acute oral toxicity	: LD50 (Guinea pig): 1,200 mg/kg Acute toxicity estimate: 1,200 mg/kg Method: Acute toxicity estimate according to Regulation (EC) No. 1272/2008
Acute inhalation toxicity	: LC50 (Rat): 2.17 mg/l Exposure time: 4 h Test atmosphere: dust/mist Assessment: The component/mixture is moderately toxic after short term inhalation.
Acute dermal toxicity	: LD50 (Rabbit): 400 - 500 mg/kg

1H-Imidazole-1-ethanol, 4,5-dihydro-, 2-C15-17-unsatd. alkyl derivs.:

Acute oral toxicity	: LD50 (Rat): > 2,500 mg/kg
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Skin corrosion/irritation

Not classified based on available information.

Product:

Remarks : May cause skin irritation and/or dermatitis.

Components:

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

Result : Slight, transient irritation

Sulfonic acids, petroleum, sodium salts:

Species : Rabbit
Result : Slight, transient irritation
Remarks : The toxicological data has been taken from products of similar composition.

ethylene glycol monobutyl ether:

Species : Rabbit
Result : Irritating to skin.

1H-Imidazole-1-ethanol, 4,5-dihydro-, 2-C15-17-unsatd. alkyl derivs.:

Result : Corrosive after 3 minutes to 1 hour of exposure

Serious eye damage/eye irritation

Not classified based on available information.

Product:

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

Components:

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

Result : No eye irritation

Sulfonic acids, petroleum, sodium salts:

Species : Rabbit
Result : Irritating to eyes.
Remarks : The toxicological data has been taken from products of similar composition.



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ethylene glycol monobutyl ether:

Species	:	Rabbit
Result	:	Irritating to eyes.

1H-Imidazole-1-ethanol, 4,5-dihydro-, 2-C15-17-unsatd. alkyl derivs.:

Result	:	Corrosive
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Respiratory or skin sensitisation

Skin sensitisation

Not classified based on available information.

Respiratory sensitisation

Not classified based on available information.

Components:

Sulfonic acids, petroleum, sodium salts:

Assessment	:	Does not cause skin sensitisation.
Remarks	:	The toxicological data has been taken from products of similar composition.

ethylene glycol monobutyl ether:

Test Type	:	Maximisation Test
Species	:	Guinea pig
Assessment	:	Does not cause skin sensitisation.
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- Assessment	:	Classified based on benzene content < 0.1% (Regulation (EC) 1272/2008, Annex VI, Part 3, Note P)
		Remarks: Not classified

Sulfonic acids, petroleum, sodium salts:

Genotoxicity in vitro	:	Test Type: Ames test
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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.**

ethylene glycol monobutyl ether:

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

Carcinogenicity

Not classified based on available information.

Components:

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

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

Reproductive toxicity

Not classified based on available information.

Components:

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

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

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.**

STOT - repeated exposure

Not classified based on available information.



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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.

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 : Harmful to aquatic life.

Chronic aquatic toxicity : 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**



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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**

Ecotoxicology Assessment

Acute aquatic toxicity : **Not classified based on available information.**

Chronic aquatic toxicity : **Not classified based on available information.**

Sulfonic acids, petroleum, sodium salts:

Toxicity to fish : **LL50 (Pimephales promelas (fathead minnow)): > 1,000 mg/l**
Exposure time: **96 h**
Test Type: **Renewal**
Test substance: **WAF**
Method: **OECD Test Guideline 203**
GLP: **yes**

Toxicity to daphnia and other aquatic invertebrates : **EC50 (Daphnia magna (Water flea)): > 1,000 mg/l**
Exposure time: **48 h**
Test Type: **static test**
Test substance: **WAF**
Remarks: **The toxicological data has been taken from products of similar composition.**

Toxicity to algae/aquatic plants : **NOEC (Pseudokirchneriella subcapitata (green algae)): > 1,000 mg/l**
End point: **Growth inhibition**
Exposure time: **72 h**
Test Type: **static test**
Test substance: **WAF**
Remarks: **The toxicological data has been taken from products of similar composition.**

Ecotoxicology Assessment

Acute aquatic toxicity : **Not classified based on available information.**

Chronic aquatic toxicity : **Not classified based on available information.**

ethylene glycol monobutyl ether:



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Toxicity to fish	: LC50 (<i>Oncorhynchus mykiss</i> (rainbow trout)): 1,474 mg/l Exposure time: 96 h Test Type: static test Method: OECD Test Guideline 203
Toxicity to daphnia and other aquatic invertebrates	: EC50 (<i>Daphnia magna</i> (Water flea)): 1,550 mg/l Exposure time: 48 h Test Type: static test Method: OECD Test Guideline 202
Toxicity to algae/aquatic plants	: EC50 (<i>Pseudokirchneriella subcapitata</i> (green algae)): 911 mg/l End point: Growth inhibition Exposure time: 72 h Test Type: static test Method: OECD Test Guideline 201
Toxicity to fish (Chronic toxicity)	: NOEC: > 100 mg/l Exposure time: 21 d Species: <i>Danio rerio</i> (zebra fish) Test Type: semi-static test Method: OECD Test Guideline 204

Ecotoxicology Assessment

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

1H-Imidazole-1-ethanol, 4,5-dihydro-, 2-C15-17-unsatd. alkyl derivs.:

Toxicity to fish	: LC50 (<i>Oncorhynchus mykiss</i> (rainbow trout)): 0.63 mg/l Exposure time: 96 h
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	: Very toxic to aquatic life with long lasting effects.



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12.2 Persistence and degradability

Components:

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

Biodegradability : Result: **Readily biodegradable.**
Biodegradation: **80 %**
Exposure time: **28 d**
Method: **OECD Test Guideline 301F**

Sulfonic acids, petroleum, sodium salts:

Biodegradability : Result: **Not readily biodegradable.**
Biodegradation: **8 %**
Exposure time: **28 d**
Method: **OECD Test Guideline 301D**
Remarks: **The toxicological data has been taken from products of similar composition.**

ethylene glycol monobutyl ether:

Biodegradability : Result: **Readily biodegradable.**
Biodegradation: **90.4 %**
Exposure time: **28 d**
Method: **OECD Test Guideline 301B**

1H-Imidazole-1-ethanol, 4,5-dihydro-, 2-C15-17-unsatd. alkyl derivs.:

Biodegradability : Result: **Not readily biodegradable.**
Biodegradation: **< 60 %**
Method: **OECD Test Guideline 301B**

12.3 Bioaccumulative potential

Components:

Sulfonic acids, petroleum, sodium salts:

Partition coefficient: n-octanol/water : log Pow: **Calculated > 10**

ethylene glycol monobutyl ether:

Partition coefficient: n-octanol/water : log Pow: **0.83**

12.4 Mobility in soil

No data available



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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:

Endocrine disrupting potential : 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.

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

ADR : UN 1139

RID : UN 1139



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IMDG : UN 1139

IATA : UN 1139

14.2 UN proper shipping name

ADR : COATING SOLUTION

RID : COATING SOLUTION

IMDG : COATING SOLUTION

IATA : Coating solution

14.3 Transport hazard class(es)

ADR : 3

RID : 3

IMDG : 3

IATA : 3

14.4 Packing group

ADR

Packing group : III
Classification Code : F1
Hazard Identification Number : 30
Labels : 3
Tunnel restriction code : (D/E)

RID

Packing group : III
Classification Code : F1
Hazard Identification Number : 30
Labels : 3

IMDG

Packing group : III
Labels : 3
EmS Code : F-E, S-E

IATA (Cargo)

Packing instruction (cargo aircraft) : 366
Packing instruction (LQ) : Y344
Packing group : III
Labels : Flammable Liquids

IATA_P (Passenger)

Packing instruction : 355



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(passenger aircraft)
Packing instruction (LQ) : Y344
Packing group : III
Labels : Flammable Liquids

14.5 Environmental hazards

ADR
Environmentally hazardous : no

RID
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. 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.

SECTION 15: Regulatory information

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

Relevant EU provisions transposed through retained EU law

UK REACH List of restrictions (Annex 17)	:	Conditions of restriction for the following entries should be considered: Number on list 3
UK REACH Candidate list of substances of very high concern (SVHC) for Authorisation	:	Not applicable
The Persistent Organic Pollutants Regulations (retained Regulation (EU) 2019/1021 as amended for Great Britain)	:	Not applicable
Regulation (EC) No 1005/2009 on substances that deplete the ozone layer	:	Not applicable
UK REACH List of substances subject to authorisation (Annex XIV)	:	Not applicable
Control of Major Accident Hazards Regulations P5c	:	FLAMMABLE LIQUIDS



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- 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 The Management of Health and Safety at Work Regulations 1999 (requirements relating to new and expectant mothers at work contained in Regulation 16 to 18) and of the Pregnant Workers Directive 92/85/EEC.

Take note of The Management of Health and Safety at Work Regulations 1999 (requirements relating to protection of young people at work contained in Regulation 19) and of Directive 94/33/EC on the protection of young people at work.

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

TCSI	: On the inventory, or in compliance with the inventory
TSCA	: All substances listed as active on the TSCA inventory
AIIC	: All components are listed on the inventory, regulatory obligations/restrictions apply
DSL	: All components of this product are on the Canadian DSL
ENCS	: Not in compliance with the inventory
KECI	: Not in compliance with the inventory
PICCS	: Not 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



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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

H226	: Flammable liquid and vapour.
H302	: Harmful if swallowed.
H304	: May be fatal if swallowed and enters airways.
H311	: Toxic in contact with skin.
H314	: Causes severe skin burns and eye damage.
H315	: Causes skin irritation.
H318	: Causes serious eye damage.
H319	: Causes serious eye irritation.
H332	: Harmful if inhaled.
H336	: May cause drowsiness or dizziness.
H400	: Very toxic to aquatic life.
H410	: Very toxic 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. Liq.	: Flammable liquids
Skin Corr.	: Skin corrosion
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
GB EH40	: UK. EH40 WEL - Workplace Exposure Limits
GB EH40 BAT	: UK. Biological monitoring guidance values
2000/39/EC / TWA	: Limit Value - eight hours
2000/39/EC / STEL	: Short term exposure limit
GB EH40 / TWA	: Long-term exposure limit (8-hour TWA reference period)
GB EH40 / STEL	: Short-term exposure limit (15-minute reference period)

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



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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 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 : R0517978

Classification of the mixture:

Flam. Liq. 3	H226
STOT SE 3	H336
Aquatic Chronic 3	H412

Classification procedure:

Based on product data or assessment
Calculation method
Based on product data or assessment

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



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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.

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