



SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006, as
amended by Commission Regulation (EU)
2020/878

Valvoline™ GEAR OIL 75W80 SYNTHETIC
BLEND GEAR OIL

Version: 8.1

Revision Date: 05.02.2026

Print Date: 14/10/2026

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

1.1 Product identifier

Trade name : Valvoline™ GEAR OIL 75W80
SYNTHETIC BLEND GEAR OIL

Product code : 866896

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

Use of the substance/mixture : Gear and lubricating oil.

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

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification (REGULATION (EC) No 1272/2008)

Long-term (chronic) aquatic hazard, Category 3 H412: Harmful to aquatic life with long lasting effects.

2.2 Label elements

Classification (REGULATION (EC) No 1272/2008)

Hazard statements : H412 Harmful to aquatic life with long lasting effects.



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Precautionary statements :

Prevention:

P273 Avoid release to the environment.

Disposal:

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

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. EC-No. Index-No. Registration number	Classification	Concentration (% w/w)
Distillates (petroleum), solvent-dewaxed heavy paraffinic; Baseoil — unspecified	64742-65-0 265-169-7 649-474-00-6 01-2119471299-27-xxxx	Asp. Tox. 1; H304	>= 1 - < 2,5
Reaction products of 4-methyl-2-pentanol and diphosphorus pentasulfide, propoxylated, esterified with diphosphorus pentoxide, and salted by amines, C12-14-tert-alkyl	Not Assigned 931-384-6 01-2119493620-38-xxxx	Acute Tox. 4; H302 Eye Irrit. 2; H319 Skin Sens. 1B; H317 Aquatic Chronic 2; H411 specific	>= 0,5 - < 1

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		concentration limit 2; H319 > 50 - 100 % Skin Sens. 1B; H317 > 9,39 % 2; H319 > 50 - 100 % Skin Sens. 1B; H317 > 9,39 %	
C16-18-(even numbered, saturated and unsaturated)-alkylamines	1213789-63-9 627-034-4 01-2119473797-19-xxxx	Acute Tox. 4; H302 Skin Corr. 1B; H314 Eye Dam. 1; H318 STOT SE 3; H335 (Respiratory system) STOT RE 2; H373 (Liver, Immune system, Gastro-intestinal system) Asp. Tox. 1; H304 Aquatic Acute 1; H400 ~~Aquatic Chronic 1;~~ H410 M-Factor (Acute aquatic toxicity): 10 M-Factor (Chronic aquatic toxicity): 10 Acute toxicity estimate Acute oral toxicity: 1.689 mg/kg	>= 0,1 - < 0,25
Substances with a workplace exposure limit :			
Distillates (petroleum), hydrotreated heavy paraffinic; Baseoil — unspecified	64742-54-7 265-157-1 649-467-00-8		>= 80 - < 90

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 : Do not leave the victim unattended.
- If inhaled : If unconscious, place in recovery position and seek medical advice.
If symptoms persist, call a physician.
- In case of skin contact : If on skin, rinse well with water.
If on clothes, remove clothes.
If skin irritation persists, call a physician.
- In case of eye contact : Remove contact lenses.
Protect unharmed eye.
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 : Symptoms caused by an allergic reaction can be immediate or may be delayed up to several hours after exposure.
- No symptoms known or expected.

4.3 Indication of any immediate medical attention and special treatment needed

- Treatment : No hazards which require special first aid measures.
- Treat symptomatically.

SECTION 5: Firefighting measures

5.1 Extinguishing media

- Suitable extinguishing media : Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
- 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. |

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

- | | | |
|----------------------|---|--|
| Personal precautions | : | Refer to protective measures listed in sections 7 and 8.
Use personal protective equipment. |
|----------------------|---|--|

6.2 Environmental precautions

- | | | |
|---------------------------|---|--|
| Environmental precautions | : | Prevent product from entering drains.
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 | : | Wipe up with absorbent material (e.g. cloth, fleece).
Keep in suitable, closed containers for disposal. |
|-------------------------|---|--|

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 | : | For personal protection see section 8.
Smoking, eating and drinking should be prohibited in the application area. |
| Advice on protection against | : | Normal measures for preventive fire protection. |



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fire and explosion

Hygiene measures : General industrial hygiene practice.

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage areas and containers : Containers which are opened must be carefully resealed and kept upright to prevent leakage. Electrical installations / working materials must comply with the technological safety standards.

Advice on common storage : No materials to be especially mentioned.

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
Distillates (petroleum), hydrotreated heavy paraffinic; Baseoil — unspecified	64742-54-7	TWA (Particles (mist))	1 mg/m3	IS OEL
Distillates (petroleum), solvent-dewaxed heavy paraffinic; Baseoil — unspecified	64742-65-0	TWA (Particles (mist))	1 mg/m3	IS OEL

8.2 Exposure controls

Personal protective equipment

Eye/face protection : Safety glasses
Skin and body protection : Protective suit
Respiratory protection : No personal respiratory protective equipment normally required.

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SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state	: liquid
Colour	: amber
Odour	: oily
Odour Threshold	: No data available
Pour point	: < -42 °C
Boiling point/boiling range	: No data available
Flammability	: No data available
Upper explosion limit / Upper flammability limit	: No data available
Lower explosion limit / Lower flammability limit	: No data available
Flash point	: 222 °C Method: Cleveland open cup
Decomposition temperature	: No data available
pH	: Not applicable
Viscosity	
Viscosity, dynamic	: No data available
Viscosity, kinematic	: 47,5 mm ² /s (40 °C)
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



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Relative density : No data available

Density : 0,8638 g/cm³ (15,6 °C)

Relative vapour density : No data available

Particle characteristics
Particle size : Not applicable

9.2 Other information

Oxidizing properties : No data available

Self-ignition : No data available

Evaporation rate : 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 : Stable under recommended storage conditions.
No hazards to be specially mentioned.

10.4 Conditions to avoid

Conditions to avoid : None known.

10.5 Incompatible materials

Materials to avoid : 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 hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity

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

Components:

Distillates (petroleum), solvent-dewaxed heavy paraffinic; Baseoil — unspecified:

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

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

Reaction products of 4-methyl-2-pentanol and diphosphorus pentasulfide, propoxylated, esterified with diphosphorus pentaoxide, and salted by amines, C12-14-tert-alkyl:

Acute oral toxicity : LD50 (Rat): ca. 2.000 mg/kg
Method: OECD Test Guideline 401
Assessment: The component/mixture is moderately toxic after single ingestion.

C16-18-(even numbered, saturated and unsaturated)-alkylamines:

Acute oral toxicity : LD50 (Rat): 1.689 mg/kg
Method: OECD Test Guideline 401
Remarks: The toxicological data has been taken from products of similar composition.

Acute dermal toxicity : LD50 (Rat): > 2.000 mg/kg
Method: OECD Test Guideline 402
Remarks: No mortality observed at this dose.
The toxicological data has been taken from products of similar composition.

Distillates (petroleum), hydrotreated heavy paraffinic; Baseoil — unspecified:

Acute oral toxicity : LD50 (Rat): > 15 g/kg

Acute dermal toxicity : LD50 (Rabbit): > 5 g/kg

Skin corrosion/irritation

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

Components:

Distillates (petroleum), solvent-dewaxed heavy paraffinic; Baseoil — unspecified:

Assessment : Slight, transient irritation



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Result : Slight, transient irritation

C16-18-(even numbered, saturated and unsaturated)-alkylamines:

Species : Rabbit
Result : Corrosive after 3 minutes to 1 hour of exposure
Remarks : The toxicological data has been taken from products of similar composition.

Distillates (petroleum), hydrotreated heavy paraffinic; Baseoil — unspecified:

Assessment : Slight, transient irritation
Result : Slight, transient irritation

Serious eye damage/eye irritation

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

Components:

Distillates (petroleum), solvent-dewaxed heavy paraffinic; Baseoil — unspecified:

Assessment : Slight, transient irritation
Result : Slight, transient irritation

Reaction products of 4-methyl-2-pentanol and diphosphorus pentasulfide, propoxylated, esterified with diphosphorus pentaoxide, and salted by amines, C12-14-tert-alkyl:

Result : Eye irritation

C16-18-(even numbered, saturated and unsaturated)-alkylamines:

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

Distillates (petroleum), hydrotreated heavy paraffinic; Baseoil — unspecified:

Assessment : No eye irritation
Result : No eye irritation

Respiratory or skin sensitisation

Skin sensitisation

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

Respiratory sensitisation

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



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Components:

Reaction products of 4-methyl-2-pentanol and diphosphorus pentasulfide, propoxylated, esterified with diphosphorus pentoxide, and salted by amines, C12-14-tert-alkyl:

Assessment : The product is a skin sensitiser, sub-category 1B.

C16-18-(even numbered, saturated and unsaturated)-alkylamines:

Assessment : Does not cause skin sensitisation.

Remarks : The toxicological data has been taken from products of similar composition.

Germ cell mutagenicity

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

Components:

C16-18-(even numbered, saturated and unsaturated)-alkylamines:

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.

Carcinogenicity

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

Components:

Distillates (petroleum), solvent-dewaxed heavy paraffinic; Baseoil — unspecified:

Carcinogenicity - : Classified based on DMSO extract content < 3% (Regulation
Assessment (EC) 1272/2008, Annex VI, Part 3, Note L)

Distillates (petroleum), hydrotreated heavy paraffinic; Baseoil — unspecified:

Carcinogenicity - : Classified based on DMSO extract content < 3% (Regulation
Assessment (EC) 1272/2008, Annex VI, Part 3, Note L)

Reproductive toxicity

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

STOT - single exposure

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



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Components:

C16-18-(even numbered, saturated and unsaturated)-alkylamines:

Exposure routes : Inhalation
Target Organs : Respiratory Tract
Assessment : The substance or mixture is classified as specific target organ
toxicant, single exposure, category 3 with respiratory tract
irritation.

STOT - repeated exposure

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

Components:

C16-18-(even numbered, saturated and unsaturated)-alkylamines:

Exposure routes : Ingestion
Target Organs : Liver, Immune system, Gastro-intestinal system
Assessment : The substance or mixture is classified as specific target organ
toxicant, repeated exposure, category 2.

Aspiration toxicity

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

Components:

Distillates (petroleum), solvent-dewaxed heavy paraffinic; Baseoil — unspecified:

May be fatal if swallowed and enters airways.

C16-18-(even numbered, saturated and unsaturated)-alkylamines:

The substance or mixture is known to cause human aspiration toxicity hazards or has to be regarded
as if it causes a human aspiration toxicity hazard.

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.

Further information

Product:



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Remarks : No data available

SECTION 12: Ecological information

12.1 Toxicity

Components:

Reaction products of 4-methyl-2-pentanol and diphosphorus pentasulfide, propoxylated, esterified with diphosphorus pentaoxide, and salted by amines, C12-14-tert-alkyl:

Toxicity to fish : LL50 (Oncorhynchus mykiss (rainbow trout)): ca. 24 mg/l
Exposure time: 96 h
Test Type: static test
Test substance: WAF
Method: OECD Test Guideline 203

Toxicity to daphnia and other aquatic invertebrates : EL50 (Daphnia magna (Water flea)): ca. 91,4 mg/l
Exposure time: 48 h
Test Type: static test
Test substance: WAF
Method: OECD Test Guideline 202

Toxicity to algae/aquatic plants : ErC50 (Pseudokirchneriella subcapitata (green algae)): 15 mg/l
End point: Growth inhibition
Exposure time: 96 h
Test Type: static test
Method: OECD Test Guideline 201

NOEC (Pseudokirchneriella subcapitata (green algae)): 3,3 mg/l
End point: Growth inhibition
Exposure time: 96 h
Test Type: static test
Method: OECD Test Guideline 201

Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity) : NOEC: 0,12 mg/l
End point: Reproduction Test
Exposure time: 21 d
Species: Daphnia magna (Water flea)
Test Type: semi-static test
Test substance: WAF
Method: OECD Test Guideline 211

C16-18-(even numbered, saturated and unsaturated)-alkylamines:

Toxicity to fish : LC50 (Fish): estimated 0,06 mg/l

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Exposure time: 96 h

Remarks: The toxicological data has been taken from
products of similar composition.

Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia magna (Water flea)): 0,98 mg/l
Exposure time: 48 h
Test Type: static test
Method: OECD Test Guideline 202
Remarks: The toxicological data has been taken from
products of similar composition.

Toxicity to algae/aquatic plants : EC50 (Desmodesmus subspicatus (green algae)): 0,083 mg/l
End point: Growth inhibition
Exposure time: 72 h
Test Type: static test
Method: OECD Test Guideline 201
Remarks: The toxicological data has been taken from
products of similar composition.

M-Factor (Acute aquatic toxicity) : 10

M-Factor (Chronic aquatic toxicity) : 10

12.2 Persistence and degradability

Components:

Reaction products of 4-methyl-2-pentanol and diphosphorus pentasulfide, propoxylated, esterified with diphosphorus pentaoxide, and salted by amines, C12-14-tert-alkyl:

Biodegradability : Result: Not readily biodegradable.
Biodegradation: 7,4 %
Exposure time: 28 d
Method: Modified Sturm Test

C16-18-(even numbered, saturated and unsaturated)-alkylamines:

Biodegradability : Result: Readily biodegradable.
Biodegradation: 66 %
Exposure time: 28 d
Method: Regulation (EC) No. 440/2008, Annex, C.4-C
Remarks: The toxicological data has been taken from
products of similar composition.



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12.3 Bioaccumulative potential

Components:

Reaction products of 4-methyl-2-pentanol and diphosphorus pentasulfide, propoxylated, esterified with diphosphorus pentoxide, and salted by amines, C12-14-tert-alkyl:

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

C16-18-(even numbered, saturated and unsaturated)-alkylamines:

Partition coefficient: n- : log Pow: estimated 6 - 8
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.

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.
Harmful to aquatic life with long lasting effects.

No data available

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product : The product should not be allowed to enter drains, water courses or the soil.



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Waste Code : The Waste code should be assigned in discussion between the user and the waste disposal company.
The following Waste Codes are only suggestions:
13 02 05, mineral-based non-chlorinated engine, gear and lubricating oils

SECTION 14: Transport information

14.1 UN number or ID number

ADR : Not regulated as a dangerous good
IMDG : Not regulated as a dangerous good
IATA_P : Not regulated as a dangerous good

14.2 UN proper shipping name

ADR : Not regulated as a dangerous good
IMDG : Not regulated as a dangerous good
IATA_P : Not regulated as a dangerous good

14.3 Transport hazard class(es)

ADR : Not regulated as a dangerous good
IMDG : Not regulated as a dangerous good
IATA_P : Not regulated as a dangerous good

14.4 Packing group

ADR : Not regulated as a dangerous good
IMDG : Not regulated as a dangerous good
IATA (Cargo) : Not regulated as a dangerous good
IATA_P (Passenger) : Not regulated as a dangerous good

14.5 Environmental hazards

Not regulated as a dangerous good

14.6 Special precautions for user

Not applicable

14.7 Maritime transport in bulk according to IMO instruments

Not applicable for product as supplied.



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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 - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles (Annex XVII)	:	Conditions of restriction for the following entries should be considered: Number on list 3 Number on list 75: If you intend to use this product as tattoo ink, please contact your vendor.
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 (EU) No 2024/590 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.	:	Not applicable

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

TW TCSI	:	Not in compliance with the inventory
US TSCA	:	Product contains substance(s) not listed on TSCA inventory.
AU AIIC	:	On the inventory, or in compliance with the inventory
CA. DSL	:	This product contains the following components that are not on the Canadian DSL nor NDSL. SBZ 5350
JP ENCS	:	Not in compliance with the inventory
KR KECI	:	Not in compliance with the inventory
PH PICCS	:	Not in compliance with the inventory



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CN IECSC : 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

H302	: Harmful if swallowed.
H304	: May be fatal if swallowed and enters airways.
H314	: Causes severe skin burns and eye damage.
H317	: May cause an allergic skin reaction.
H318	: Causes serious eye damage.
H319	: Causes serious eye irritation.
H335	: May cause respiratory irritation.
H373	: May cause damage to organs through prolonged or repeated exposure if swallowed.
H400	: Very toxic to aquatic life.
H410	: Very toxic to aquatic life with long lasting effects.
H411	: Toxic to aquatic life with long lasting effects.

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
Skin Corr.	: Skin corrosion
Skin Sens.	: Skin sensitisation
STOT RE	: Specific target organ toxicity - repeated exposure
STOT SE	: Specific target organ toxicity - single exposure
IS OEL	: Iceland. Regulation on occupational exposure limits.
IS OEL / TWA	: Long term exposure limit

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 Harmonised 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 Organisation; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardisation; 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 - Organisation 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 : 000000221051

Classification of the mixture:

Aquatic Chronic 3

H412

Classification procedure:

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.

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