# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006
Valvoline™ ALL CLIMATE C3 5W40 Synthetic Blend Motor Oil

Version: 7.0 | Revision Date: 05.07.2023 | Print Date: 03/11/2026

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

### 1.1 Product identifier

Trade name : Valvoline™ ALL CLIMATE C3 5W40 Synthetic Blend Motor Oil

Product code : 908742

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

Use of the substance/mixture : Engine, gear & 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 responsible for the SDS : SDS@valvolineglobal.com

### 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)**

Not a hazardous substance or mixture.

### 2.2 Label elements

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

No hazard pictogram, no signal word, no hazard statement(s), no precautionary statement(s) required

**Additional Labelling**

EUH210 Safety data sheet available on request.

EUH208 Contains C14-16-18 Alkyl phenol.
May produce an allergic reaction.

### 2.3 Other hazards

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

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

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

## SECTION 3: Composition/information on ingredients

### 3.2 Mixtures

**Components**

| Chemical name | CAS-No.<br>EC-No.<br>Index-No.<br>Registration number | Classification | Concentration (% w/w) |
|---|---|---|---|
| DISTILLATES (PETROLEUM), HYDROTREATED HEAVY PARAFFINIC | 64742-54-7<br>265-157-1<br>649-467-00-8<br>01-2119484627-25-xxxx | Asp. Tox. 1; H304 | >= 10 - < 15 |
| Reaction products of Benzeneamine, N-phenyl- with nonene (branched) | 36878-20-3<br>253-249-4<br>01-2119488911-28-xxxx | Aquatic Chronic 4; H413 | >= 1 - < 2,5 |
| C14-16-18 Alkyl phenol | Not Assigned | Skin Sens. 1B; H317 | >= 1 - < 2,5 |

| | | | |
|---|---|---|---|
| | 01-2119498288-19-xxxx | STOT RE 2; H373 (Liver) | |
| Substances with a workplace exposure limit : | | | |
| LUBRICATING OILS, PETROLEUM, C20-50, HYDROTREATED | 72623-87-1<br>276-738-4<br>649-483-00-5<br>01-2119474889-13-xxxx | | >= 60 - < 70 |

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.
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 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.
Take victim immediately to hospital.

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

Symptoms : 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 |

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

| | | |
|---|---|---|
| Hazardous combustion products | : | carbon dioxide and carbon monoxide<br>Nitrogen oxides (NOx) |

### 5.3 Advice for firefighters

| | | |
|---|---|---|
| Special protective equipment for firefighters | : | Wear self-contained breathing apparatus for firefighting if necessary. |
| Further information | : | Standard procedure for chemical fires.<br>Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. |

## 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.<br>Use personal protective equipment. |

### 6.2 Environmental precautions

| | | |
|---|---|---|
| Environmental precautions | : | Prevent product from entering drains.<br>Prevent further leakage or spillage if safe to do so.<br>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 | : | Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).<br>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 | : | Do not breathe vapours/dust.<br>For personal protection see section 8.<br>Smoking, eating and drinking should be prohibited in the application area.<br>Dispose of rinse water in accordance with local and national regulations. |
| Advice on protection against fire and explosion | : | Normal measures for preventive fire protection. |
| Hygiene measures | : | Wash hands before breaks and at the end of workday. |

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

| | | |
|---|---|---|
| Requirements for storage areas and containers | : | Keep container tightly closed in a dry and well-ventilated place. 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 |
|---|---|---|---|---|
| LUBRICATING OILS, PETROLEUM, C20-50, HYDROTREATED | 72623-87-1 | TWA (Particles (mist)) | 1 mg/m3 | IS OEL |
| DISTILLATES (PETROLEUM), | 64742-54-7 | TWA (Particles (mist)) | 1 mg/m3 | IS OEL |

| | | | | |
|---|---|---|---|---|
| HYDROTREATED HEAVY PARAFFINIC | | | | |

**8.2 Exposure controls**

**Personal protective equipment**

| | | |
|---|---|---|
| Eye/face protection | : | Eye wash bottle with pure water<br>Tightly fitting safety goggles |
| Hand protection | | |
| Material | : | neoprene, nitrile rubber |
| Break through time | : | >= 240 min |
| Glove thickness | : | >= 0,35 mm |
| Directive | : | Equipment should conform to EN 374 |
| Remarks | : | The selected protective gloves have to satisfy the specifications of Regulation (EU) 2016/425 and the standard EN 374 derived from it. Gloves should be discarded and replaced if there is any indication of degradation or chemical breakthrough. Please observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves. Also take into consideration the specific local conditions under which the product is used, such as the danger of cuts, abrasion, and the contact time. The data about break through time/strength of material are standard values! The exact break through time/strength of material has to be obtained from the producer of the protective glove.<br>The suitability for a specific workplace should be discussed with the producers of the protective gloves. |
| Skin and body protection | : | Impervious clothing<br>Choose body protection according to the amount and concentration of the dangerous substance at the work place. |
| Respiratory protection | : | No personal respiratory protective equipment normally required. |

## 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 | : | not determined |
| Flammability | : | No data available |
| Upper explosion limit / Upper flammability limit | : | No data available |
| Lower explosion limit / Lower flammability limit | : | No data available |
| Flash point | : | 206 °C<br>Method: Pensky-Martens closed cup |
| Decomposition temperature | : | No data available |
| pH | : | Not applicable |
| Viscosity | | |
| Viscosity, dynamic | : | < 6.400 mPa.s (-30 °C) |
| Viscosity, kinematic | : | 87 mm2/s (40 °C) |
| Solubility(ies) | | |
| Water solubility | : | insoluble |
| Solubility in other solvents | : | No data available |
| Vapour pressure | : | No data available |
| | | No data available |
| Relative density | : | No data available |
| Density | : | ca. 0,854 g/cm3 (15,6 °C) |
| Bulk density | : | Not applicable |
| Relative vapour density | : | No data available |

**9.2 Other information**

| | | |
|---|---|---|
| Oxidizing properties | : | No data available |
| 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.

### 10.4 Conditions to avoid

Conditions to avoid : None known.

### 10.5 Incompatible materials

Materials to avoid : Strong bases
Strong oxidizing agents

### 10.6 Hazardous decomposition products

No hazardous decomposition products are known.

## SECTION 11: Toxicological information

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

**Acute toxicity**

Not classified based on available information.

**Components:**

**DISTILLATES (PETROLEUM), HYDROTREATED HEAVY PARAFFINIC:**

| | | |
|---|---|---|
| Acute oral toxicity | : | LD50 (Rat): > 15 g/kg |
| Acute dermal toxicity | : | LD50 (Rabbit): > 5 g/kg |

**Reaction products of Benzeneamine, N-phenyl- with nonene (branched):**

| | | |
|---|---|---|
| Acute oral toxicity | : | LD50 (Rat): > 5.000 mg/kg<br>Remarks: No mortality observed at this dose. |

| | | |
|---|---|---|
| Acute dermal toxicity | : | LD50 (Rat): > 2.000 mg/kg<br>Assessment: The substance or mixture has no acute dermal toxicity<br>Remarks: The toxicological data has been taken from products of similar composition. |

**C14-16-18 Alkyl phenol:**

| | | |
|---|---|---|
| Acute oral toxicity | : | LD50 (Rat): > 2.000 mg/kg<br>Assessment: The substance or mixture has no acute oral toxicity |
| Acute dermal toxicity | : | LD50 (Rat): > 2.000 mg/kg<br>Assessment: The substance or mixture has no acute dermal toxicity<br>Remarks: No mortality observed at this dose. |

**LUBRICATING OILS, PETROLEUM, C20-50, HYDROTREATED:**

| | | |
|---|---|---|
| Acute oral toxicity | : | LD50 (Rat): > 5.000 mg/kg |
| Acute inhalation toxicity | : | LC50 (Rat): > 5,58 mg/l<br>Exposure time: 4 h<br>Test atmosphere: dust/mist<br>Assessment: The substance or mixture has no acute inhalation toxicity<br>Remarks: No mortality observed at this dose. |
| Acute dermal toxicity | : | LD50 (Rabbit): > 5.000 mg/kg<br>Remarks: No mortality observed at this dose. |

**Skin corrosion/irritation**

Not classified based on available information.

**Components:**

**DISTILLATES (PETROLEUM), HYDROTREATED HEAVY PARAFFINIC:**

| | | |
|---|---|---|
| Assessment | : | Slight, transient irritation |
| Result | : | Slight, transient irritation |

**Reaction products of Benzeneamine, N-phenyl- with nonene (branched):**

| | | |
|---|---|---|
| Species | : | Rabbit |
| Result | : | Mild skin irritation |
| Remarks | : | The toxicological data has been taken from products of similar composition. |

**C14-16-18 Alkyl phenol:**

| | | |
|---|---|---|
| Method | : | OECD Test Guideline 431 |
| Result | : | No skin irritation |

**LUBRICATING OILS, PETROLEUM, C20-50, HYDROTREATED:**

| | | |
|---|---|---|
| Species | : | Rabbit |
| Result | : | No skin irritation |

**Serious eye damage/eye irritation**

Not classified based on available information.

**Components:**

**DISTILLATES (PETROLEUM), HYDROTREATED HEAVY PARAFFINIC:**

| | | |
|---|---|---|
| Assessment | : | No eye irritation |
| Result | : | No eye irritation |

**Reaction products of Benzeneamine, N-phenyl- with nonene (branched):**

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

**C14-16-18 Alkyl phenol:**

| | | |
|---|---|---|
| Species | : | Rabbit |
| Result | : | Slight, transient irritation |

**LUBRICATING OILS, PETROLEUM, C20-50, HYDROTREATED:**

| | | |
|---|---|---|
| Species | : | Rabbit |
| Result | : | No eye irritation |

**Respiratory or skin sensitisation**

**Skin sensitisation**

Not classified based on available information.

**Respiratory sensitisation**

Not classified based on available information.

**Product:**

Assessment : Does not cause skin sensitisation.

Remarks : Based on similar product.

**Components:**

**Reaction products of Benzeneamine, N-phenyl- with nonene (branched):**

| | | |
|---|---|---|
| Species | : | Guinea pig |
| Assessment | : | Does not cause skin sensitisation. |
| Method | : | OECD Test Guideline 406 |
| Remarks | : | The toxicological data has been taken from products of similar composition. |

**C14-16-18 Alkyl phenol:**

| | | |
|---|---|---|
| Test Type | : | Local lymph node assay |
| Species | : | Mouse |
| Assessment | : | The product is a skin sensitiser, sub-category 1B. |
| Method | : | OECD Test Guideline 429 |

**LUBRICATING OILS, PETROLEUM, C20-50, HYDROTREATED:**

| | | |
|---|---|---|
| Test Type | : | Buehler Test |
| Species | : | Guinea pig |
| Assessment | : | Does not cause skin sensitisation. |

**Germ cell mutagenicity**

Not classified based on available information.

**Components:**

**Reaction products of Benzeneamine, N-phenyl- with nonene (branched):**

| | | |
|---|---|---|
| Genotoxicity in vitro | : | Test Type: Ames test<br>Test system: Salmonella typhimurium<br>Metabolic activation: with and without metabolic activation<br>Result: negative |

**C14-16-18 Alkyl phenol:**

| | | |
|---|---|---|
| Genotoxicity in vitro | : | Test Type: Ames test<br>Test system: Salmonella typhimurium<br>Metabolic activation: with and without metabolic activation<br>Result: negative |

**Carcinogenicity**

Not classified based on available information.

**Components:**

**DISTILLATES (PETROLEUM), HYDROTREATED HEAVY PARAFFINIC:**

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

**LUBRICATING OILS, PETROLEUM, C20-50, HYDROTREATED:**

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

**Reproductive toxicity**

Not classified based on available information.

**STOT - single exposure**

Not classified based on available information.

**STOT - repeated exposure**

Not classified based on available information.

**Components:**

**C14-16-18 Alkyl phenol:**

| | | |
|---|---|---|
| Target Organs | : | Liver |
| Assessment | : | The substance or mixture is classified as specific target organ toxicant, repeated exposure, category 2. |

**Aspiration toxicity**

Not classified based on available information.

**Components:**

**DISTILLATES (PETROLEUM), HYDROTREATED HEAVY PARAFFINIC:**

May be fatal if swallowed and enters airways.

**LUBRICATING OILS, PETROLEUM, C20-50, HYDROTREATED:**

No aspiration toxicity classification

**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:**

Remarks : No data available

## SECTION 12: Ecological information

### 12.1 Toxicity

**Product:**

**Ecotoxicology Assessment**

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

**Components:**

**DISTILLATES (PETROLEUM), HYDROTREATED HEAVY PARAFFINIC:**

| | | |
|---|---|---|
| Toxicity to fish | : | LL50 (Fish): > 100 mg/l<br>Exposure time: 96 h |
| Toxicity to daphnia and other aquatic invertebrates | : | EL50 (Aquatic invertebrates): > 10.000 mg/l<br>Exposure time: 48 h |
| Toxicity to algae/aquatic plants | : | EL50 (Algae, algal mat (Algae)): > 100 mg/l<br>Exposure time: 72 h |
| Toxicity to fish (Chronic toxicity) | : | NOEC: 10 mg/l<br>Species: Fish |
| Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity) | : | NOEC: 10 mg/l<br>Species: Aquatic invertebrates |

**Ecotoxicology Assessment**

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

**Reaction products of Benzeneamine, N-phenyl- with nonene (branched):**

| | | |
|---|---|---|
| Toxicity to fish | : | LC50 (Danio rerio (zebra fish)): > 100 mg/l<br>Exposure time: 96 h<br>Test Type: static test<br>Remarks: The toxicological data has been taken from products of similar composition. |
| Toxicity to daphnia and other aquatic invertebrates | : | EC50 (Daphnia magna (Water flea)): > 100 mg/l<br>Exposure time: 48 h<br>Test Type: static test<br>Test substance: WAF |
| Toxicity to algae/aquatic plants | : | EC50 (Pseudokirchneriella subcapitata (algae)): 600 mg/l<br>End point: Growth inhibition<br>Exposure time: 72 h<br>Test Type: static test |

**Ecotoxicology Assessment**

| | | |
|---|---|---|
| Acute aquatic toxicity | : | Not classified based on available information. |
| Chronic aquatic toxicity | : | Chronic aquatic toxicity Category 4; May cause long lasting harmful effects to aquatic life. |

**C14-16-18 Alkyl phenol:**

| | | |
|---|---|---|
| Toxicity to fish | : | LC50 (Cyprinus carpio (Carp)): > 100 mg/l<br>Exposure time: 96 h<br>Test Type: static test<br>Test substance: WAF |
| Toxicity to daphnia and other aquatic invertebrates | : | EC50 (Daphnia magna (Water flea)): > 100 mg/l<br>Exposure time: 48 h<br>Test Type: static test<br>Method: OECD Test Guideline 202 |
| Toxicity to algae/aquatic plants | : | EC50 (Pseudokirchneriella subcapitata (algae)): > 100 mg/l<br>End point: Growth inhibition<br>Exposure time: 72 h<br>Test Type: static test<br>Test substance: WAF |

**Ecotoxicology Assessment**

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

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

**LUBRICATING OILS, PETROLEUM, C20-50, HYDROTREATED:**

| | | |
|---|---|---|
| Toxicity to fish | : | LL50 (Pimephales promelas (fathead minnow)): > 100 mg/l<br>Exposure time: 96 h<br>Test Type: static test<br>Test substance: WAF<br>Method: OECD Test Guideline 203<br>Remarks: No toxicity at the limit of solubility |
| Toxicity to daphnia and other aquatic invertebrates | : | EL50 (Daphnia magna (Water flea)): > 10.000 mg/l<br>Exposure time: 48 h<br>Test Type: static test<br>Test substance: WAF<br>Method: OECD Test Guideline 202 |
| Toxicity to algae/aquatic plants | : | NOEL (Pseudokirchneriella subcapitata (green algae)): >= 100 mg/l<br>End point: Growth inhibition<br>Exposure time: 72 h<br>Test Type: static test<br>Test substance: WAF<br>Method: OECD Test Guideline 201 |
| Toxicity to fish (Chronic toxicity) | : | NOELR: Calculated >= 1.000 mg/l<br>Exposure time: 14 d<br>Species: Oncorhynchus mykiss (rainbow trout) |
| Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity) | : | NOEL: 10 mg/l<br>Exposure time: 21 d<br>Species: Daphnia (water flea)<br>Test substance: WAF<br>Method: OECD Test Guideline 211 |

**Ecotoxicology Assessment**

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

### 12.2 Persistence and degradability

**Components:**

**Reaction products of Benzeneamine, N-phenyl- with nonene (branched):**

| | | |
|---|---|---|
| Biodegradability | : | Result: Not readily biodegradable.<br>Biodegradation: 0 %<br>Exposure time: 28 d<br>Method: OECD Test Guideline 301B |

**C14-16-18 Alkyl phenol:**

| | | |
|---|---|---|
| Biodegradability | : | Result: Readily biodegradable.<br>Remarks: Expert judgement |

**LUBRICATING OILS, PETROLEUM, C20-50, HYDROTREATED:**

| | | |
|---|---|---|
| Biodegradability | : | Result: Not readily biodegradable.<br>Biodegradation: 2 - 4 %<br>Exposure time: 28 d<br>Method: OECD Test Guideline 301B |

### 12.3 Bioaccumulative potential

**Components:**

**Reaction products of Benzeneamine, N-phenyl- with nonene (branched):**

| | | |
|---|---|---|
| Partition coefficient: n-octanol/water | : | log Pow: > 7,5 |

**C14-16-18 Alkyl phenol:**

| | | |
|---|---|---|
| Partition coefficient: n-octanol/water | : | log Pow: > 7,2 |

### 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 | : | No data available |

## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

| | | |
|---|---|---|
| Product | : | Do not dispose of waste into sewer.<br>Do not contaminate ponds, waterways or ditches with chemical or used container.<br>Send to a licensed waste management company. |
| Contaminated packaging | : | Empty remaining contents.<br>Dispose of as unused product.<br>Do not re-use empty containers. |

## 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.

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:<br>Number on list 75<br>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 (EC) No 1005/2009 on substances that deplete the ozone layer | : | Not applicable |
| Regulation (EU) 2019/1021 on persistent organic pollutants (recast) | : | Not applicable |

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

Not applicable

**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 | : | Not in compliance with the inventory |
| DSL | : | All components of this product are on the Canadian DSL |
| ENCS | : | On the inventory, or in compliance with the inventory |
| KECI | : | On the inventory, or in compliance with the inventory |
| PICCS | : | On the inventory, or in compliance with the inventory |
| IECSC | : | On the inventory, or in compliance with the inventory |
| NZIoC | : | Not in compliance with the inventory |

**15.2 Chemical safety assessment**

No data available

**Inventories**

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

## SECTION 16: Other information

**Full text of H-Statements**

| | | |
|---|---|---|
| H304 | : | May be fatal if swallowed and enters airways. |
| H317 | : | May cause an allergic skin reaction. |
| H373 | : | May cause damage to organs through prolonged or repeated exposure. |
| H413 | : | May cause long lasting harmful effects to aquatic life. |

**Full text of other abbreviations**

| | | |
|---|---|---|
| Aquatic Chronic | : | Long-term (chronic) aquatic hazard |
| Asp. Tox. | : | Aspiration hazard |
| Skin Sens. | : | Skin sensitisation |
| STOT RE | : | Specific target organ toxicity - repeated 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 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 : R0517872

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

IS / EN