



**SAFETY DATA SHEET**  
according to Regulation (EC) No. 1907/2006  
Valvoline™ MULTI-VEHICLE YELLOW  
ANTIFREEZE COOLANT CONC

Version: 7.0

Revision Date: 11.07.2023

Print Date: 26/06/2025

---

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

**1.1 Product identifier**

Trade name : Valvoline™ MULTI-VEHICLE YELLOW ANTIFREEZE  
COOLANT CONC

Product code : 908797

Unique Formula Identifier : W6CA-2CVC-E004-DAT0  
(UFI)

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

Use of the substance/mixture : Coolant and antifreeze.

**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**

00-800-825-8654 / 001-859-202-3865, 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)



**SAFETY DATA SHEET**  
according to Regulation (EC) No. 1907/2006  
Valvoline™ MULTI-VEHICLE YELLOW  
ANTIFREEZE COOLANT CONC

Version: 7.0

Revision Date: 11.07.2023

Print Date: 26/06/2025

Acute toxicity, Category 4  
Specific target organ toxicity - repeated  
exposure, Category 2, Kidney, Liver

H302: Harmful if swallowed.  
H373: May cause damage to organs through  
prolonged or repeated exposure if swallowed.

## 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

: H302 Harmful if swallowed.  
H373 May cause damage to organs (Kidney, Liver) through  
prolonged or repeated exposure if swallowed.

Precautionary statements

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

### Prevention:

P260 Do not breathe mist or vapours.  
P264 Wash skin thoroughly after handling.  
P270 Do not eat, drink or smoke when using this product.

### Disposal:

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

Hazardous components which must be listed on the label:

ETHYLENE GLYCOL  
SODIUM NITRITE

## 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. | Classification | Concentration |
|---------------|---------|----------------|---------------|
|---------------|---------|----------------|---------------|



## SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006  
Valvoline™ MULTI-VEHICLE YELLOW  
ANTIFREEZE COOLANT CONC

Version: 7.0

Revision Date: 11.07.2023

Print Date: 26/06/2025

|                 | EC-No.<br>Index-No.<br>Registration number                          |                                                                                                                                         | (% w/w)         |
|-----------------|---------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|-----------------|
| ETHYLENE GLYCOL | 107-21-1<br>203-473-3<br>603-027-00-1<br>01-2119456816-28-<br>xxxx  | Acute Tox. 4; H302<br>STOT RE 2; H373<br>(Kidney)                                                                                       | >= 90 - <= 100  |
| SODIUM NITRITE  | 7632-00-0<br>231-555-9<br>007-010-00-4<br>01-2119471836-27-<br>xxxx | Ox. Sol. 3; H272<br>Acute Tox. 3; H301<br>Eye Irrit. 2; H319<br>Aquatic Acute 1;<br>H400<br><br>M-Factor (Acute<br>aquatic toxicity): 1 | >= 0.25 - < 0.5 |

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 induce vomiting.  
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.



**SAFETY DATA SHEET**  
according to Regulation (EC) No. 1907/2006  
Valvoline™ MULTI-VEHICLE YELLOW  
ANTIFREEZE COOLANT CONC

Version: 7.0

Revision Date: 11.07.2023

Print Date: 26/06/2025

Risks : Harmful if swallowed.  
May cause damage to organs through prolonged or repeated exposure if swallowed.

**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**

Specific hazards during firefighting : Do not allow run-off from fire fighting to enter drains or water courses.

Hazardous combustion products : No hazardous combustion products are known

**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.



**SAFETY DATA SHEET**  
according to Regulation (EC) No. 1907/2006  
Valvoline™ MULTI-VEHICLE YELLOW  
ANTIFREEZE COOLANT CONC

Version: 7.0

Revision Date: 11.07.2023

Print Date: 26/06/2025

Use personal protective equipment.

## 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 : Neutralise with acid.  
Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).  
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.  
For personal protection see section 8.  
Smoking, eating and drinking should be prohibited in the application area.  
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 : 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 : 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. 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)



**SAFETY DATA SHEET**  
 according to Regulation (EC) No. 1907/2006  
 Valvoline™ MULTI-VEHICLE YELLOW  
 ANTIFREEZE COOLANT CONC

Version: 7.0

Revision Date: 11.07.2023

Print Date: 26/06/2025

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 | 107-21-1                                                                                                                                                                     | TWA (Vapour)                  | 20 ppm<br>52 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 (particles)               | 10 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 (Vapour)                 | 40 ppm<br>104 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<br>52 mg/m3  | 2000/39/EC |
|                 | Further information: Identifies the possibility of significant uptake through the skin, Indicative                                                                           |                               |                     |            |
|                 |                                                                                                                                                                              | STEL                          | 40 ppm<br>104 mg/m3 | 2000/39/EC |
|                 | Further information: Identifies the possibility of significant uptake through the skin, Indicative                                                                           |                               |                     |            |

### 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.



**SAFETY DATA SHEET**  
according to Regulation (EC) No. 1907/2006  
Valvoline™ MULTI-VEHICLE YELLOW  
ANTIFREEZE COOLANT CONC

Version: 7.0

Revision Date: 11.07.2023

Print Date: 26/06/2025

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                                           | : light yellow                       |
| Odour                                            | : No data available                  |
| Odour Threshold                                  | : No data available                  |
| pH                                               | : 10 - 11                            |
| Melting point/freezing point                     | : < -34 °C                           |
| Boiling point/boiling range                      | : No data available                  |
| Flash point                                      | : Not applicable                     |
| 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. 1.12 g/cm <sup>3</sup> (20 °C) |
| Solubility(ies)                                  |                                      |
| Water solubility                                 | : soluble                            |
| Solubility in other solvents                     | : No data available                  |
| Partition coefficient: n-octanol/water           | : No data available                  |
| Decomposition temperature                        | : No data available                  |



**SAFETY DATA SHEET**  
according to Regulation (EC) No. 1907/2006  
Valvoline™ MULTI-VEHICLE YELLOW  
ANTIFREEZE COOLANT CONC

Version: 7.0

Revision Date: 11.07.2023

Print Date: 26/06/2025

Viscosity  
Viscosity, dynamic : No data available  
  
Viscosity, kinematic : No data available  
  
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.

**10.4 Conditions to avoid**

Conditions to avoid : excessive heat  
Exposure to moisture

**10.5 Incompatible materials**

Materials to avoid : Acids  
Aldehydes  
Alkali metals  
Alkaline earth metals  
aluminum  
Fluorine  
Hydrogen fluoride  
lithium  
strong alkalis  
Strong bases  
Strong oxidizing agents  
Sulphur compounds

**10.6 Hazardous decomposition products**

No hazardous decomposition products are known.



**SAFETY DATA SHEET**  
according to Regulation (EC) No. 1907/2006  
Valvoline™ MULTI-VEHICLE YELLOW  
ANTIFREEZE COOLANT CONC

Version: 7.0

Revision Date: 11.07.2023

Print Date: 26/06/2025

## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects

#### Acute toxicity

Harmful if swallowed.

#### Product:

Acute oral toxicity : Acute toxicity estimate: 538.35 mg/kg  
Method: Calculation method

#### Components:

##### ETHYLENE GLYCOL:

|                                                 |                                                                                                                                                                  |
|-------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Acute oral toxicity                             | : LD <sub>0</sub> (Human): estimated 1.56 g/kg<br>Assessment: The component/mixture is moderately toxic after single ingestion.                                  |
| Acute inhalation toxicity                       | : LC <sub>50</sub> (Rat): 10.9 mg/l<br>Exposure time: 1 h<br>Test atmosphere: dust/mist<br>Assessment: The substance or mixture has no acute inhalation toxicity |
| Acute dermal toxicity                           | : LD <sub>50</sub> (Rabbit): 9,530 mg/kg                                                                                                                         |
| Acute toxicity (other routes of administration) | : LD <sub>50</sub> (Rat): 5,010 mg/kg<br>Application Route: Intraperitoneal<br>LD <sub>50</sub> (Rat): 3,260 mg/kg<br>Application Route: Intravenous             |

##### SODIUM NITRITE:

|                           |                                                                                        |
|---------------------------|----------------------------------------------------------------------------------------|
| Acute oral toxicity       | : LD <sub>50</sub> (Rat): 180 mg/kg                                                    |
| Acute inhalation toxicity | : LC <sub>50</sub> (Rat): 5.5 mg/l<br>Exposure time: 4 h<br>Test atmosphere: dust/mist |

#### Skin corrosion/irritation

Not classified based on available information.



**SAFETY DATA SHEET**  
according to Regulation (EC) No. 1907/2006  
Valvoline™ MULTI-VEHICLE YELLOW  
ANTIFREEZE COOLANT CONC

Version: 7.0

Revision Date: 11.07.2023

Print Date: 26/06/2025

**Components:**

**ETHYLENE GLYCOL:**

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

**SODIUM NITRITE:**

|            |   |                    |
|------------|---|--------------------|
| Assessment | : | No skin irritation |
| Result     | : | No skin irritation |

**Serious eye damage/eye irritation**

Not classified based on available information.

**Components:**

**ETHYLENE GLYCOL:**

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

**SODIUM NITRITE:**

|            |   |                     |
|------------|---|---------------------|
| Assessment | : | Irritating to eyes. |
| Result     | : | Irritating to eyes. |

**Respiratory or skin sensitisation**

**Skin sensitisation**

Not classified based on available information.

**Respiratory sensitisation**

Not classified based on available information.

**Components:**

**ETHYLENE GLYCOL:**

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

**Germ cell mutagenicity**

Not classified based on available information.



**SAFETY DATA SHEET**  
according to Regulation (EC) No. 1907/2006  
Valvoline™ MULTI-VEHICLE YELLOW  
ANTIFREEZE COOLANT CONC

Version: 7.0

Revision Date: 11.07.2023

Print Date: 26/06/2025

**Components:**

**ETHYLENE GLYCOL:**

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.

**Reproductive toxicity**

Not classified based on available information.

**STOT - single exposure**

Not classified based on available information.

**STOT - repeated exposure**

May cause damage to organs (Kidney) through prolonged or repeated exposure if swallowed.

**Components:**

**ETHYLENE GLYCOL:**

Exposure routes : **Ingestion**  
Target Organs : **Kidney**  
Assessment : **May cause damage to organs through prolonged or repeated exposure.**

**Aspiration toxicity**

Not classified based on available information.

**Experience with human exposure**

**Components:**

**ETHYLENE GLYCOL:**

Ingestion : Target Organs: **Kidney**

**Further information**

**Product:**

Remarks : No data available



**SAFETY DATA SHEET**  
according to Regulation (EC) No. 1907/2006  
Valvoline™ MULTI-VEHICLE YELLOW  
ANTIFREEZE COOLANT CONC

Version: 7.0

Revision Date: 11.07.2023

Print Date: 26/06/2025

## SECTION 12: Ecological information

### 12.1 Toxicity

#### Product:

#### **Ecotoxicology Assessment**

Acute aquatic toxicity : Harmful to aquatic life.

Chronic aquatic toxicity : Not classified based on available information.

#### Components:

#### **ETHYLENE GLYCOL:**

|                                                                        |   |                                                                                                                                            |
|------------------------------------------------------------------------|---|--------------------------------------------------------------------------------------------------------------------------------------------|
| Toxicity to fish                                                       | : | LC50 ( <i>Lepomis macrochirus</i> (Bluegill sunfish)): 27,540 mg/l<br>Exposure time: 96 h<br>Test Type: static test                        |
|                                                                        |   | LC50 ( <i>Pimephales promelas</i> (fathead minnow)): 8,050 mg/l<br>Exposure time: 96 h                                                     |
| Toxicity to daphnia and other aquatic invertebrates                    | : | LC50 ( <i>Daphnia magna</i> (Water flea)): > 10,000 mg/l<br>Exposure time: 48 h<br>Test Type: static test                                  |
| Toxicity to algae/aquatic plants                                       | : | EC50 ( <i>Pseudokirchneriella subcapitata</i> (green algae)): 6,500 - 13,000 mg/l<br>End point: Growth inhibition<br>Exposure time: 7 Days |
| Toxicity to fish (Chronic toxicity)                                    | : | NOEC: 32,000 mg/l<br>Exposure time: 7 d<br>Species: <i>Pimephales promelas</i> (fathead minnow)                                            |
| Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity) | : | NOEC: 24,000 mg/l<br>Exposure time: 7 d<br>Species: <i>Daphnia magna</i> (Water flea)                                                      |

#### **Ecotoxicology Assessment**

Acute aquatic toxicity : Not classified based on available information.

Chronic aquatic toxicity : Not classified based on available information.

#### **SODIUM NITRITE:**



## SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006  
Valvoline™ MULTI-VEHICLE YELLOW  
ANTIFREEZE COOLANT CONC

Version: 7.0

Revision Date: 11.07.2023

Print Date: 26/06/2025

|                                                                        |                                                                                                                                                                                                                                                   |
|------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Toxicity to fish                                                       | : LC50 (Pimephales promelas (fathead minnow)): 2.35 - 3.81 mg/l<br>Exposure time: 96 h<br>Test Type: flow-through test<br><br>LC50 (Oncorhynchus mykiss (rainbow trout)): 0.54 - 26.3 mg/l<br>Exposure time: 96 h<br>Test Type: flow-through test |
| Toxicity to daphnia and other aquatic invertebrates                    | : EC50 (Daphnia magna (Water flea)): 15.4 mg/l<br>Exposure time: 48 h<br>Test Type: static test<br>Method: OECD Test Guideline 202                                                                                                                |
| Toxicity to algae/aquatic plants                                       | : EC50 (Desmodesmus subspicatus (green algae)): > 100 mg/l<br>Exposure time: 72 h<br>Test Type: Growth inhibition<br>Method: OECD Test Guideline 201                                                                                              |
| M-Factor (Acute aquatic toxicity)                                      | : 1                                                                                                                                                                                                                                               |
| Toxicity to microorganisms                                             | : EC10 (activated sludge): 210 mg/l<br>Exposure time: 3 h<br>Test Type: Static<br>Method: OECD Test Guideline 209                                                                                                                                 |
| Toxicity to fish (Chronic toxicity)                                    | : NOEC: 6.16 mg/l<br>Exposure time: 31 d<br>Species: Ictalurus catus (catfish)<br>Test Type: flow-through test                                                                                                                                    |
| Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity) | : NOEC: 9.86 mg/l<br>Exposure time: 80 d<br>Species: Aquatic invertebrates<br>Test Type: static test                                                                                                                                              |

### Ecotoxicology Assessment

|                          |                                                                  |
|--------------------------|------------------------------------------------------------------|
| Acute aquatic toxicity   | : Acute aquatic toxicity Category 1; Very toxic to aquatic life. |
| Chronic aquatic toxicity | : Not classified based on available information.                 |



**SAFETY DATA SHEET**  
according to Regulation (EC) No. 1907/2006  
Valvoline™ MULTI-VEHICLE YELLOW  
ANTIFREEZE COOLANT CONC

Version: 7.0

Revision Date: 11.07.2023

Print Date: 26/06/2025

## 12.2 Persistence and degradability

### Components:

#### ETHYLENE GLYCOL:

|                  |   |                                                                                                                                                    |
|------------------|---|----------------------------------------------------------------------------------------------------------------------------------------------------|
| Biodegradability | : | Result: <b>Readily biodegradable.</b><br>Biodegradation: <b>90 - 100 %</b><br>Exposure time: <b>10 d</b><br>Method: <b>OECD Test Guideline 301</b> |
|------------------|---|----------------------------------------------------------------------------------------------------------------------------------------------------|

## 12.3 Bioaccumulative potential

### Components:

#### ETHYLENE GLYCOL:

|                 |   |                                                                                                                                                                                      |
|-----------------|---|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Bioaccumulation | : | Species: <b>Crayfish (Procambarus)</b><br>Exposure time: <b>61 d</b><br>Concentration: <b>1000 mg/l</b><br>Bioconcentration factor (BCF): <b>0.27</b><br>Method: <b>Flow through</b> |
|-----------------|---|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                        |   |                       |
|----------------------------------------|---|-----------------------|
| Partition coefficient: n-octanol/water | : | log Pow: <b>-1.36</b> |
|----------------------------------------|---|-----------------------|

#### SODIUM NITRITE:

|                                        |   |                                |
|----------------------------------------|---|--------------------------------|
| Partition coefficient: n-octanol/water | : | log Pow: <b>-3.700 (25 °C)</b> |
|----------------------------------------|---|--------------------------------|

## 12.4 Mobility in soil

### Components:

#### SODIUM NITRITE:

|                   |   |                                                 |
|-------------------|---|-------------------------------------------------|
| Stability in soil | : | Remarks: <b>Not expected to adsorb on soil.</b> |
|-------------------|---|-------------------------------------------------|

## 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 | : | The substance/mixture does not contain components |
|----------------------|---|---------------------------------------------------|



**SAFETY DATA SHEET**  
according to Regulation (EC) No. 1907/2006  
Valvoline™ MULTI-VEHICLE YELLOW  
ANTIFREEZE COOLANT CONC

Version: 7.0

Revision Date: 11.07.2023

Print Date: 26/06/2025

|                                   |                                                                                                                                                                                                           |
|-----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| potential                         | 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.<br>Harmful to aquatic life.                                                                             |

---

## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

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

|        |                                     |
|--------|-------------------------------------|
| ADR    | : Not regulated as a dangerous good |
| RID    | : 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 |
| RID    | : 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 |
|-----|-------------------------------------|



**SAFETY DATA SHEET**  
according to Regulation (EC) No. 1907/2006  
Valvoline™ MULTI-VEHICLE YELLOW  
ANTIFREEZE COOLANT CONC

Version: 7.0

Revision Date: 11.07.2023

Print Date: 26/06/2025

**RID** : 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  
**RID** : 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 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



**SAFETY DATA SHEET**  
according to Regulation (EC) No. 1907/2006  
Valvoline™ MULTI-VEHICLE YELLOW  
ANTIFREEZE COOLANT CONC

Version: 7.0

Revision Date: 11.07.2023

Print Date: 26/06/2025

Control of Major Accident Hazards Regulations  
2015 (COMAH)

Not applicable

**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  | : Not in compliance with the inventory                                                                                 |
| TSCA  | : Product contains substance(s) not listed on TSCA inventory.                                                          |
| AIIC  | : Not in compliance with the inventory                                                                                 |
| DSL   | : This product contains the following components that are not on the Canadian DSL nor NDSL.<br><br>Dipotassium adipate |
| 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**

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**

H272 : May intensify fire; oxidizer.



## SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006  
Valvoline™ MULTI-VEHICLE YELLOW  
ANTIFREEZE COOLANT CONC

Version: 7.0

Revision Date: 11.07.2023

Print Date: 26/06/2025

|      |   |                                                                                 |
|------|---|---------------------------------------------------------------------------------|
| H301 | : | Toxic if swallowed.                                                             |
| H302 | : | Harmful if swallowed.                                                           |
| H319 | : | Causes serious eye irritation.                                                  |
| H373 | : | May cause damage to organs through prolonged or repeated exposure if swallowed. |
| H400 | : | Very toxic to aquatic life.                                                     |

### Full text of other abbreviations

|                   |   |                                                                                                                    |
|-------------------|---|--------------------------------------------------------------------------------------------------------------------|
| Acute Tox.        | : | Acute toxicity                                                                                                     |
| Aquatic Acute     | : | Short-term (acute) aquatic hazard                                                                                  |
| Eye Irrit.        | : | Eye irritation                                                                                                     |
| Ox. Sol.          | : | Oxidizing solids                                                                                                   |
| STOT RE           | : | Specific target organ toxicity - repeated 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                                                                           |
| 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 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



**SAFETY DATA SHEET**  
according to Regulation (EC) No. 1907/2006  
Valvoline™ MULTI-VEHICLE YELLOW  
ANTIFREEZE COOLANT CONC

Version: 7.0

Revision Date: 11.07.2023

Print Date: 26/06/2025

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 : 000000267975

**Classification of the mixture:**

|              |      |
|--------------|------|
| Acute Tox. 4 | H302 |
| STOT RE 2    | H373 |

**Classification procedure:**

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

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

GB / EN