



# SAFETY DATA SHEET

This safety data sheet was created pursuant to the requirements of:  
Regulation (EC) No. 1907/2006 and Regulation (EC) No. 1272/2008

Revision date 03-Aug-2021

Revision Number 1

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

### 1.1. Product identifier

**Product Code(s)** VHG-SDSL-3000-1L  
**Product Name** Sulfur - S @0.300wt% in #2 Diesel Fuel, 1 Liter  
**Unique Formula Identifier (UFI)** 95AG-V4M7-U00E-YKSQ  
**Pure substance/mixture** Mixture

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

**Recommended use** Laboratory use  
**Uses advised against** No information available

### 1.3. Details of the supplier of the safety data sheet

#### Supplier

LGC Limited  
Queens Road  
Teddington  
Middlesex TW11 0LY  
UNITED KINGDOM  
:+44 (0) 20 8943 7000  
Fax :+44 (0) 20 8943 2767  
eMail : gb@lgcstandards.com

Web : www.lgcstandards.com

For further information, please contact

**E-mail address** sds-request@lgcgroup.com

### 1.4. Emergency telephone number

**Emergency Telephone** For Hazardous Materials or Dangerous Goods Incident  
Spill, Leak, Fire Exposure, or Accident  
Call CHEMTREC:  
USA & Canada 1-800-424-9300  
Rest of the world +1 703-741-5970

| Emergency Telephone - §45 - (EC)1272/2008 |     |
|-------------------------------------------|-----|
| Europe                                    | 112 |
| Austria                                   |     |
| Bulgaria                                  |     |
| Croatia                                   |     |



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|                |  |
|----------------|--|
| Cyprus         |  |
| Czech Republic |  |
| Denmark        |  |
| France         |  |
| Hungary        |  |
| Ireland        |  |
| Italy          |  |
| Lithuania      |  |
| Luxembourg     |  |
| Netherlands    |  |
| Norway         |  |
| Portugal       |  |
| Romania        |  |
| Slovakia       |  |
| Slovenia       |  |
| Spain          |  |
| Sweden         |  |
| Switzerland    |  |

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

Regulation (EC) No 1272/2008

|                                                    |                     |
|----------------------------------------------------|---------------------|
| Aspiration hazard                                  | Category 1 - (H304) |
| Acute toxicity - Inhalation (Dusts/Mists)          | Category 4 - (H332) |
| Skin corrosion/irritation                          | Category 2 - (H315) |
| Carcinogenicity                                    | Category 2 - (H351) |
| Specific target organ toxicity — repeated exposure | Category 2 - (H373) |
| Chronic aquatic toxicity                           | Category 2 - (H411) |
| Flammable liquids                                  | Category 3 - (H226) |

### 2.2. Label elements

Contains Gasoil : fuels, diesel, nr 2



Signal word

Danger

### Hazard statements

H304 - May be fatal if swallowed and enters airways

H315 - Causes skin irritation



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H332 - Harmful if inhaled  
H351 - Suspected of causing cancer  
H373 - May cause damage to organs through prolonged or repeated exposure  
H411 - Toxic to aquatic life with long lasting effects  
H226 - Flammable liquid and vapour

## Precautionary Statements - EU (§28, 1272/2008)

P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking  
P260 - Do not breathe dust/fume/gas/mist/vapours/spray  
P273 - Avoid release to the environment  
P280 - Wear protective gloves/protective clothing/eye protection/face protection  
P301 + P310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor  
P331 - Do NOT induce vomiting  
P370 + P378 - In case of fire: Use dry chemical, CO<sub>2</sub>, water spray or alcohol-resistant foam to extinguish  
P391 - Collect spillage  
P403 + P235 - Store in a well-ventilated place. Keep cool

## 2.3. Other hazards

No information available.

## SECTION 3: Composition/information on ingredients

### 3.1 Substances

Not applicable

### 3.2 Mixtures

| Chemical name                           | Weight-% | REACH registration number | EC No     | Classification according to Regulation (EC) No. 1272/2008 [CLP]                                                                                            | Specific concentration limit (SCL) | M-Factor | M-Factor (long-term) |
|-----------------------------------------|----------|---------------------------|-----------|------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|----------|----------------------|
| Gasoil : fuels, diesel, nr 2 68476-34-6 | 80 - 100 | -                         | 270-676-1 | Flam. Liq. 3 (H226)<br>Acute Tox. 4 (H332)<br>Skin Irrit. 2 (H315)<br>Carc. 2 (H351)<br>STOT RE 2 (H373)<br>Asp. Tox. 1 (H304)<br>Aquatic Chronic 2 (H411) |                                    |          |                      |

**Full text of H- and EUH-phrases: see section 16**

*Acute Toxicity Estimate*  
No information available



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This product does not contain candidate substances of very high concern at a concentration  $\geq 0.1\%$  (Regulation (EC) No. 1907/2006 (REACH), Article 59)

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

|                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|-------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>General advice</b>                     | IF exposed or concerned: Get medical advice/attention. Show this safety data sheet to the doctor in attendance. Immediate medical attention is required.                                                                                                                                                                                                                                                                           |
| <b>Inhalation</b>                         | Aspiration into lungs can produce severe lung damage. If breathing has stopped, give artificial respiration. Get medical attention immediately. Remove to fresh air. Avoid direct contact with skin. Use barrier to give mouth-to-mouth resuscitation. If breathing is difficult, (trained personnel should) give oxygen. Get immediate medical advice/attention. Delayed pulmonary edema may occur.                               |
| <b>Eye contact</b>                        | Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Keep eye wide open while rinsing. Do not rub affected area.                                                                                                                                                                                                                                                                               |
| <b>Skin contact</b>                       | Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. Get medical attention if irritation develops and persists.                                                                                                                                                                                                                                                                   |
| <b>Ingestion</b>                          | ASPIRATION HAZARD IF SWALLOWED - CAN ENTER LUNGS AND CAUSE DAMAGE. Do NOT induce vomiting. If vomiting occurs spontaneously, keep head below hips to prevent aspiration. Clean mouth with water and drink afterwards plenty of water. Never give anything by mouth to an unconscious person. Get immediate medical advice/attention.                                                                                               |
| <b>Self-protection of the first aider</b> | Remove all sources of ignition. Ensure that medical personnel are aware of the material(s) involved, take precautions to protect themselves and prevent spread of contamination. Use personal protective equipment as required. See section 8 for more information. Avoid direct contact with skin. Use barrier to give mouth-to-mouth resuscitation. Avoid contact with skin, eyes or clothing. Avoid breathing vapours or mists. |

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

|                 |                                                                |
|-----------------|----------------------------------------------------------------|
| <b>Symptoms</b> | Difficulty in breathing. Coughing and/ or wheezing. Dizziness. |
|-----------------|----------------------------------------------------------------|

### 4.3. Indication of any immediate medical attention and special treatment needed

|                        |                                                                                                                                                               |
|------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Note to doctors</b> | Because of the danger of aspiration, emesis or gastric lavage should not be used unless the risk is justified by the presence of additional toxic substances. |
|------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

|                                     |                                                                                       |
|-------------------------------------|---------------------------------------------------------------------------------------|
| <b>Suitable Extinguishing Media</b> | Dry chemical. Carbon dioxide (CO <sub>2</sub> ). Water spray. Alcohol resistant foam. |
|-------------------------------------|---------------------------------------------------------------------------------------|



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|                                                                   |                                                                                                                                                                                                                                                                 |
|-------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Large Fire</b>                                                 | CAUTION: Use of water spray when fighting fire may be inefficient.                                                                                                                                                                                              |
| <b>Unsuitable extinguishing media</b>                             | Do not scatter spilled material with high pressure water streams.                                                                                                                                                                                               |
| <b>5.2. Special hazards arising from the substance or mixture</b> |                                                                                                                                                                                                                                                                 |
| <b>Specific hazards arising from the chemical</b>                 | Risk of ignition. Keep product and empty container away from heat and sources of ignition. In the event of fire, cool tanks with water spray. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations. |
| <b>5.3. Advice for firefighters</b>                               |                                                                                                                                                                                                                                                                 |
| <b>Special protective equipment for fire-fighters</b>             | Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.                                                                                                                              |

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

|                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|---------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Personal precautions</b>     | Evacuate personnel to safe areas. Use personal protective equipment as required. See section 8 for more information. Avoid contact with skin, eyes or clothing. Ensure adequate ventilation. Keep people away from and upwind of spill/leak. ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Pay attention to flashback. Take precautionary measures against static discharges. All equipment used when handling the product must be grounded. Do not touch or walk through spilled material. Avoid breathing vapours or mists. |
| <b>Other information</b>        | Ventilate the area. Refer to protective measures listed in Sections 7 and 8.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>For emergency responders</b> | Use personal protection recommended in Section 8.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |

### 6.2. Environmental precautions

|                                  |                                                                                                                                                      |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Environmental precautions</b> | Refer to protective measures listed in Sections 7 and 8. Prevent further leakage or spillage if safe to do so. Prevent product from entering drains. |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|

### 6.3. Methods and material for containment and cleaning up

|                                        |                                                                                                                                                                                                                                                                                                                                                                |
|----------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Methods for containment</b>         | Stop leak if you can do it without risk. Do not touch or walk through spilled material. A vapour suppressing foam may be used to reduce vapours. Dyke far ahead of spill to collect run-off water. Keep out of drains, sewers, ditches and waterways. Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal. |
| <b>Methods for cleaning up</b>         | Take precautionary measures against static discharges. Dam up. Soak up with inert absorbent material. Pick up and transfer to properly labelled containers.                                                                                                                                                                                                    |
| <b>Prevention of secondary hazards</b> | Clean contaminated objects and areas thoroughly observing environmental regulations.                                                                                                                                                                                                                                                                           |

### 6.4. Reference to other sections



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Reference to other sections See section 8 for more information. See section 13 for more information.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

#### Advice on safe handling

Use personal protection equipment. Avoid breathing vapours or mists. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Use grounding and bonding connection when transferring this material to prevent static discharge, fire or explosion. Use with local exhaust ventilation. Use spark-proof tools and explosion-proof equipment. Keep in an area equipped with sprinklers. Use according to package label instructions. Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Do not eat, drink or smoke when using this product. Take off contaminated clothing and wash it before reuse. In case of insufficient ventilation, wear suitable respiratory equipment.

#### General hygiene considerations

Contaminated work clothing should not be allowed out of the workplace. Regular cleaning of equipment, work area and clothing is recommended. Wash hands before breaks and immediately after handling the product. Avoid contact with skin, eyes or clothing. Do not eat, drink or smoke when using this product. Wash hands before breaks and after work. Wear suitable gloves and eye/face protection.

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

#### Storage Conditions

Keep containers tightly closed in a dry, cool and well-ventilated place. Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity). Keep in properly labelled containers. Do not store near combustible materials. Keep in an area equipped with sprinklers. Store in accordance with the particular national regulations. Store in accordance with local regulations. Store locked up. Keep out of the reach of children. Store away from other materials. Please refer to the manufacturer's certificate for specific storage and transport temperature conditions. Store only in the original receptacle unless other advice is given on the CoA.

### 7.3. Specific end use(s)

#### Identified uses

Risk Management Methods (RMM) The information required is contained in this Safety Data Sheet.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### Exposure Limits



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| Chemical name                              | European Union                   | Austria | Belgium                         | Bulgaria | Croatia   |
|--------------------------------------------|----------------------------------|---------|---------------------------------|----------|-----------|
| Gasoil : fuels, diesel, nr 2<br>68476-34-6 | -                                | -       | TWA: 100 mg/m <sup>3</sup><br>* | -        | -         |
| Chemical name                              | Ireland                          | Italy   | Italy REL                       | Latvia   | Lithuania |
| Gasoil : fuels, diesel, nr 2<br>68476-34-6 | -                                | -       | TWA: 100 mg/m <sup>3</sup><br>* | -        | -         |
| Chemical name                              | Portugal                         | Romania | Slovakia                        | Slovenia | Spain     |
| Gasoil : fuels, diesel, nr 2<br>68476-34-6 | TWA: 100 mg/m <sup>3</sup><br>P* | -       | -                               | -        | -         |

## Biological occupational exposure limits

This product, as supplied, does not contain any hazardous materials with biological limits established by the region specific regulatory bodies

**Derived No Effect Level (DNEL)** No information available.

**Predicted No Effect Concentration (PNEC)** No information available.

## 8.2. Exposure controls

### Personal protective equipment

**Eye/face protection** Tight sealing safety goggles. Avoid contact with eyes. Wear safety glasses with side shields (or goggles).

**Hand protection** Wear suitable gloves. Impervious gloves. Wear protective nitrile rubber gloves. The protective gloves to be used must comply with the specifications of EC Directive 89/686/EEC and the related standard EN374.

**Skin and body protection** Long sleeved clothing. Chemical resistant apron. Antistatic boots. Wear suitable protective clothing.

**Respiratory protection** No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.

**General hygiene considerations** Contaminated work clothing should not be allowed out of the workplace. Regular cleaning of equipment, work area and clothing is recommended. Wash hands before breaks and immediately after handling the product. Avoid contact with skin, eyes or clothing. Do not eat, drink or smoke when using this product. Wash hands before breaks and after work. Wear suitable gloves and eye/face protection.

**Environmental exposure controls** Do not allow into any sewer, on the ground or into any body of water.



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## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

|                 |                          |
|-----------------|--------------------------|
| Physical state  | Liquid                   |
| Appearance      | Liquid                   |
| Colour          | yellow                   |
| Odour           | Petroleum distillates.   |
| Odour threshold | No information available |

| Property                               | Values                   | Remarks • Method         |
|----------------------------------------|--------------------------|--------------------------|
| Melting point / freezing point         | -40 - -6 °C              | None known               |
| Boiling point / boiling range          | 150 180 - °C             | None known               |
| Flammability (solid, gas)              | No data available        | None known               |
| Flammability Limit in Air              |                          | None known               |
| Upper flammability or explosive limits | No data available        |                          |
| Lower flammability or explosive limits | No data available        |                          |
| Flash point                            | 55 °C                    | None known               |
| Autoignition temperature               | No data available        | None known               |
| Decomposition temperature              |                          | None known               |
| pH                                     | No data available        | None known               |
| pH (as aqueous solution)               | No data available        | No information available |
| Kinematic viscosity                    | No data available        | None known               |
| Dynamic viscosity                      | No data available        | None known               |
| Water solubility                       | No data available        | None known               |
| Solubility(ies)                        | No data available        | None known               |
| Partition coefficient                  | No data available        | None known               |
| Vapour pressure                        | 4 hPa                    | @ 40 °C                  |
| Relative density                       | 0.84                     | None known               |
| Bulk density                           | No data available        |                          |
| Liquid Density                         | No data available        |                          |
| Relative vapour density                | No data available        | None known               |
| Particle characteristics               |                          |                          |
| Particle Size                          | No information available |                          |
| Particle Size Distribution             | No information available |                          |

### 9.2. Other information

9.2.1. Information with regards to physical hazard classes  
Not applicable

9.2.2. Other safety characteristics  
No information available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity





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**Reactivity** No information available.

## 10.2. Chemical stability

**Stability** Stable under normal conditions.

### **Explosion data**

**Sensitivity to mechanical impact** None.

**Sensitivity to static discharge** Yes.

## 10.3. Possibility of hazardous reactions

**Possibility of hazardous reactions** None under normal processing.

## 10.4. Conditions to avoid

**Conditions to avoid** Heat, flames and sparks. Excessive heat.

## 10.5. Incompatible materials

**Incompatible materials** Strong acids. Strong bases. Strong oxidising agents.

## 10.6. Hazardous decomposition products

**Hazardous decomposition products** None known based on information supplied.

## **SECTION 11: Toxicological information**

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

#### Information on likely routes of exposure

##### **Product Information**

**Inhalation** Specific test data for the substance or mixture is not available. Aspiration into lungs can produce severe lung damage. May cause pulmonary edema. Pulmonary edema can be fatal. May cause irritation of respiratory tract. Harmful by inhalation. (based on components).

**Eye contact** Specific test data for the substance or mixture is not available. May cause irritation.

**Skin contact** Repeated exposure may cause skin dryness or cracking. Specific test data for the substance or mixture is not available. Causes skin irritation. (based on components).

**Ingestion** Specific test data for the substance or mixture is not available. Potential for aspiration if swallowed. May cause lung damage if swallowed. Aspiration may cause pulmonary edema and pneumonitis. May be fatal if swallowed and enters airways. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhoea.



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## Symptoms related to the physical, chemical and toxicological characteristics

**Symptoms** Difficulty in breathing. Coughing and/ or wheezing. Dizziness. Redness. May cause redness and tearing of the eyes.

## Numerical measures of toxicity

### Acute toxicity

The following values are calculated based on chapter 3.1 of the GHS document

ATEmix (inhalation-dust/mist) 1.51 mg/l

### Unknown acute toxicity

0 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mist).

## Component Information

| Chemical name                | Oral LD50          | Dermal LD50     | Inhalation LC50   |
|------------------------------|--------------------|-----------------|-------------------|
| Gasoil : fuels, diesel, nr 2 | > 5000 mg/kg (Rat) | > 5 mL/kg (Rat) | 4.1 mg/L (Rat) 4h |

## Delayed and immediate effects as well as chronic effects from short and long-term exposure

**Skin corrosion/irritation** Classification based on data available for ingredients. Irritating to skin.

**Serious eye damage/eye irritation** No information available.

**Respiratory or skin sensitisation** No information available.

**Germ cell mutagenicity** No information available.

**Carcinogenicity** Contains a known or suspected carcinogen. Classification based on data available for ingredients. Suspected of causing cancer.

The table below indicates whether each agency has listed any ingredient as a carcinogen.

| Chemical name                | European Union |
|------------------------------|----------------|
| Gasoil : fuels, diesel, nr 2 | Carc. 2        |

**Reproductive toxicity** No information available.

**STOT - single exposure** No information available.



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**STOT - repeated exposure** May cause damage to organs through prolonged or repeated exposure.

**Aspiration hazard** May be fatal if swallowed and enters airways.

## 11.2. Information on other hazards

### **11.2.1. Endocrine disrupting properties**

**Endocrine disrupting properties** No information available.

### **11.2.2. Other information**

**Other adverse effects** No information available.

## **SECTION 12: Ecological information**

### 12.1. Toxicity

**Ecotoxicity** Toxic to aquatic life with long lasting effects.

**Unknown aquatic toxicity** Contains 0 % of components with unknown hazards to the aquatic environment.

### 12.2. Persistence and degradability

**Persistence and degradability** No information available.

### 12.3. Bioaccumulative potential

**Bioaccumulation** No information available.

### 12.4. Mobility in soil

**Mobility in soil** No information available.

### 12.5. Results of PBT and vPvB assessment

**PBT and vPvB assessment**

| Chemical name                | PBT and vPvB assessment         |
|------------------------------|---------------------------------|
| Gasoil : fuels, diesel, nr 2 | The substance is not PBT / vPvB |

### 12.6. Endocrine disrupting properties

**Endocrine disrupting properties** No information available.



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## 12.7. Other adverse effects

No information available.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Waste from residues/unused products

Should not be released into the environment. Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.

Contaminated packaging

Empty containers pose a potential fire and explosion hazard. Do not cut, puncture or weld containers.

## SECTION 14: Transport information

### IATA

|                                   |                                     |
|-----------------------------------|-------------------------------------|
| 14.1 UN number or ID number       | UN1202                              |
| 14.2 UN proper shipping name      | Diesel fuel mixture                 |
| 14.3 Transport hazard class(es)   | 3                                   |
| 14.4 Packing group                | III                                 |
| Description                       | UN1202, Diesel fuel mixture, 3, III |
| 14.5 Environmental hazards        | Yes                                 |
| 14.6 Special precautions for user |                                     |
| Special Provisions                | A3                                  |
| ERG Code                          | 3L                                  |

### IMDG

|                                                              |                                                                    |
|--------------------------------------------------------------|--------------------------------------------------------------------|
| 14.1 UN number or ID number                                  | UN1202                                                             |
| 14.2 UN proper shipping name                                 | Diesel fuel mixture                                                |
| 14.3 Transport hazard class(es)                              | 3                                                                  |
| 14.4 Packing group                                           | III                                                                |
| Description                                                  | UN1202, Diesel fuel mixture, 3, III, (55°C c.c.), Marine pollutant |
| 14.5 Marine pollutant                                        | P                                                                  |
| Environmental hazards                                        | Yes                                                                |
| 14.6 Special precautions for user                            |                                                                    |
| Special Provisions                                           | None                                                               |
| EmS-No                                                       | F-E, S-E No information available                                  |
| 14.7 Maritime transport in bulk according to IMO instruments | No information available                                           |

### RID

|                                 |                     |
|---------------------------------|---------------------|
| 14.1 UN number or ID number     | UN1202              |
| 14.2 UN proper shipping name    | Diesel fuel mixture |
| 14.3 Transport hazard class(es) | 3                   |



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|                                          |                                                                       |
|------------------------------------------|-----------------------------------------------------------------------|
| <b>14.4 Packing group</b>                | III                                                                   |
| <b>Description</b>                       | UN1202, Diesel fuel mixture, 3, III, Environmentally Hazardous        |
| <b>14.5 Environmental hazards</b>        | Yes                                                                   |
| <b>14.6 Special precautions for user</b> |                                                                       |
| <b>Special Provisions</b>                | 640L                                                                  |
| <b>Classification code</b>               | F1                                                                    |
| <b>ADR</b>                               |                                                                       |
| <b>14.1 UN number or ID number</b>       | UN1202                                                                |
| <b>14.2 UN proper shipping name</b>      | Diesel fuel mixture                                                   |
| <b>14.3 Transport hazard class(es)</b>   | 3                                                                     |
| <b>14.4 Packing group</b>                | III                                                                   |
| <b>Description</b>                       | UN1202, Diesel fuel mixture, 3, III, (D/E), Environmentally Hazardous |
| <b>14.5 Environmental hazards</b>        | Yes                                                                   |
| <b>14.6 Special precautions for user</b> |                                                                       |
| <b>Special Provisions</b>                | 640L, 664                                                             |
| <b>Classification code</b>               | F1                                                                    |
| <b>Tunnel restriction code</b>           | (D/E)                                                                 |

## SECTION 15: Regulatory information

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

#### National regulations

##### Germany

**Water hazard class (WGK)** Obviously hazardous to water (WGK 2)

##### European Union

Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work.

#### **Authorisations and/or restrictions on use:**

This product does not contain substances subject to authorisation (Regulation (EC) No. 1907/2006 (REACH), Annex XIV) This product does not contain substances subject to restriction (Regulation (EC) No. 1907/2006 (REACH), Annex XVII)

#### **DIRECTIVE (EU) 2021/1187 on the marketing and use of explosives precursors**

Not applicable

#### **Persistent Organic Pollutants**

Not applicable

#### **Dangerous substance category per Seveso Directive (2012/18/EU)**



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P5a - FLAMMABLE LIQUIDS  
P5b - FLAMMABLE LIQUIDS  
P5c - FLAMMABLE LIQUIDS  
E2 - Hazardous to the Aquatic Environment in Category Chronic 2

**Ozone-depleting substances (ODS) regulation (EC) 1005/2009**  
Not applicable

## International Inventories

|               |                                                  |
|---------------|--------------------------------------------------|
| TSCA          | Contact supplier for inventory compliance status |
| DSL/NDSL      | Contact supplier for inventory compliance status |
| EINECS/ELINCS | Contact supplier for inventory compliance status |
| ENCS          | Contact supplier for inventory compliance status |
| IECSC         | Contact supplier for inventory compliance status |
| KECL          | Contact supplier for inventory compliance status |
| PICCS         | Contact supplier for inventory compliance status |
| AICS          | Contact supplier for inventory compliance status |

## Legend:

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory  
**DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List  
**EINECS/ELINCS** - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances  
**ENCS** - Japan Existing and New Chemical Substances  
**IECSC** - China Inventory of Existing Chemical Substances  
**KECL** - Korean Existing and Evaluated Chemical Substances  
**PICCS** - Philippines Inventory of Chemicals and Chemical Substances  
**AICS** - Australian Inventory of Chemical Substances

## 15.2. Chemical safety assessment

**Chemical Safety Report** A Chemical Safety Assessment has been carried out for this substance

## **SECTION 16: Other information**

### Key or legend to abbreviations and acronyms used in the safety data sheet

#### **Full text of H-Statements referred to under section 3**

H226 - Flammable liquid and vapour  
H304 - May be fatal if swallowed and enters airways  
H315 - Causes skin irritation  
H332 - Harmful if inhaled  
H351 - Suspected of causing cancer  
H373 - May cause damage to organs through prolonged or repeated exposure  
H411 - Toxic to aquatic life with long lasting effects



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## Legend

SVHC: Substances of Very High Concern for Authorisation:

## Legend Section 8: Exposure controls/personal protection

TWA TWA (time-weighted average) STEL STEL (Short Term Exposure Limit)  
Ceiling Maximum limit value \* Skin designation

| Classification procedure                                        |                       |
|-----------------------------------------------------------------|-----------------------|
| Classification according to Regulation (EC) No. 1272/2008 [CLP] | Method Used           |
| Acute oral toxicity                                             | Calculation method    |
| Acute dermal toxicity                                           | Calculation method    |
| Acute inhalation toxicity - gas                                 | Calculation method    |
| Acute inhalation toxicity - Vapour                              | Calculation method    |
| Acute inhalation toxicity - dust/mist                           | Calculation method    |
| Skin corrosion/irritation                                       | Calculation method    |
| Serious eye damage/eye irritation                               | Calculation method    |
| Respiratory sensitisation                                       | Calculation method    |
| Skin sensitisation                                              | Calculation method    |
| Mutagenicity                                                    | Calculation method    |
| Carcinogenicity                                                 | Calculation method    |
| Reproductive toxicity                                           | Calculation method    |
| STOT - single exposure                                          | Calculation method    |
| Acute aquatic toxicity                                          | Calculation method    |
| Chronic aquatic toxicity                                        | Calculation method    |
| Aspiration hazard                                               | Calculation method    |
| Ozone                                                           | Calculation method    |
| Flammable liquids                                               | On basis of test data |

## Key literature references and sources for data used to compile the SDS

Agency for Toxic Substances and Disease Registry (ATSDR)  
U.S. Environmental Protection Agency ChemView Database  
European Food Safety Authority (EFSA)  
EPA (Environmental Protection Agency)  
Acute Exposure Guideline Level(s) (AEGl(s))  
U.S. Environmental Protection Agency Federal Insecticide, Fungicide, and Rodenticide Act  
U.S. Environmental Protection Agency High Production Volume Chemicals  
Food Research Journal  
Hazardous Substance Database  
International Uniform Chemical Information Database (IUCLID)  
Japan GHS Classification  
Australian National Industrial Chemicals Notification and Assessment Scheme (NICNAS)  
NIOSH (National Institute for Occupational Safety and Health)  
National Library of Medicine's ChemID Plus (NLM CIP)  
National Library of Medicine's PubMed database (NLM PUBMED)  
National Toxicology Program (NTP)  
New Zealand's Chemical Classification and Information Database (CCID)  
Organisation for Economic Co-operation and Development Environment, Health, and Safety Publications  
Organisation for Economic Co-operation and Development High Production Volume Chemicals Programme



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Organisation for Economic Co-operation and Development Screening Information Data Set  
World Health Organization

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This material safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006

## Disclaimer

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**End of Safety Data Sheet**