

**Safety Data Sheet**

according to UK REACH Regulation

**ADDINOL TSM 401 Spray**

Revision date: 17.08.2026

Product code: 717298

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**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier**

ADDINOL TSM 401 Spray

UFI: TUN7-DQA9-7N60-TURV

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

Aerosol - Parting agent.

**1.3. Details of the supplier of the safety data sheet****Manufacturer**

Company name: ADDINOL Lube Oil GmbH  
4609  
Street: Am Haupttor  
Place: D-06237 Leuna  
Telephone: +49 (0) 3461 845-0 Telefax: +49 (0) 3461 845-555  
E-mail: info@addinol.de  
Contact person: Application Technology  
Internet: www.addinol.de  
Responsible Department: ADDINOL Application Technology

**Supplier**

Company name: ETL Fluid Experts Ltd.  
Street: Grimbald Crag Road  
Place: GB-HG5 8PY Knaresborough, North Yorkshire  
Telephone: +44 (0)1423 522911  
E-mail: sales(@)etlfe.com  
Internet: https://www.etlfluidexperts.com/

**1.4. Emergency telephone number:**

+44 (0)1423 522911 - This number is serviced during office hours.

**SECTION 2: Hazards identification****2.1. Classification of the substance or mixture****GB CLP Regulation**

Aerosol 1; H222-H229  
Eye Irrit. 2; H319

Full text of hazard statements: see SECTION 16.

The mixture is classified as hazardous according to regulation (EC) No 1272/2008 [CLP].

**2.2. Label elements****GB CLP Regulation****Signal word:** Danger**Pictograms:****Hazard statements**

H222 Extremely flammable aerosol.  
H229 Pressurised container: May burst if heated.  
H319 Causes serious eye irritation.

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**Precautionary statements**

|                |                                                                                                                                  |
|----------------|----------------------------------------------------------------------------------------------------------------------------------|
| P102           | Keep out of reach of children.                                                                                                   |
| P210           | Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.                                   |
| P211           | Do not spray on an open flame or other ignition source.                                                                          |
| P251           | Do not pierce or burn, even after use.                                                                                           |
| P280           | Wear protective gloves/protective clothing and eye protection/face protection.                                                   |
| P305+P351+P338 | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. |
| P337+P313      | If eye irritation persists: Get medical advice/attention.                                                                        |
| P410+P412      | Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.                                                     |

**Additional advice on labelling**

Product is classified and labelled in accordance with EC regulations or the corresponding national laws.

**2.3. Other hazards**

Prolonged/repetitive skin contact may cause skin defatting or dermatitis.  
 Spilled product must not leak into the ground.  
 Do not allow uncontrolled leakage of product into the environment.

**SECTION 3: Composition/information on ingredients****3.2. Mixtures****Relevant ingredients**

| CAS No   | Chemical name                          |              |          | Quantity    |
|----------|----------------------------------------|--------------|----------|-------------|
|          | EC No                                  | Index No     | REACH No |             |
|          | Classification (GB CLP Regulation)     |              |          |             |
| 115-10-6 | Dimethyl ether                         |              |          | 50 - < 55 % |
|          | 204-065-8                              | 603-019-00-8 |          |             |
|          | Flam. Gas 1, Compressed gas; H220 H280 |              |          |             |
| 64-17-5  | ethanol; ethyl alcohol                 |              |          | 30 - < 35 % |
|          | 200-578-6                              | 603-002-00-5 |          |             |
|          | Flam. Liq. 2, Eye Irrit. 2; H225 H319  |              |          |             |

Full text of H and EUH statements: see section 16.

**Specific Conc. Limits, M-factors and ATE**

| CAS No  | EC No                                                           | Chemical name          | Quantity    |
|---------|-----------------------------------------------------------------|------------------------|-------------|
|         | Specific Conc. Limits, M-factors and ATE                        |                        |             |
| 64-17-5 | 200-578-6                                                       | ethanol; ethyl alcohol | 30 - < 35 % |
|         | inhalation: LC50 = 95,6 mg/l (vapours); oral: LD50 = 6200 mg/kg |                        |             |

**Further Information**

DMSO-Extract < 3 %; IP 346. Classification system: The classification corresponds to the current EC lists and is completed by information from specialist literature and company information.

**SECTION 4: First aid measures****4.1. Description of first aid measures****General information**

Remove affected person from the danger area and lay down. Position and transport victim on their side. In case of respiratory distress, bring into semi-upright, seated position. Self-protection of the first aider. Change contaminated clothing. Do not put any product-impregnated cleaning rags into your trouser pockets.

**After inhalation**

Move victim to fresh air. Put victim at rest and keep warm. Seek medical attention if problems persist. In case

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of breathing difficulties administer oxygen.

**After contact with skin**

After contact with skin, wash immediately with plenty of water and soap. In case of skin irritation, seek medical treatment.

**After contact with eyes**

In case of contact with eyes, rinse immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart. Subsequently consult an ophthalmologist.

**After ingestion**

Do NOT induce vomiting.

Rinse mouth thoroughly with water. Call a physician immediately.

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

following inhalation: drowsiness. Headache. Nausea.

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

Treat symptomatically.

**SECTION 5: Firefighting measures****5.1. Extinguishing media****Suitable extinguishing media**

Carbon dioxide (CO<sub>2</sub>). Foam Extinguishing powder Water spray jet

**Unsuitable extinguishing media**

High power water jet.

**5.2. Special hazards arising from the substance or mixture**

In case of fire may be liberated: Carbon dioxide (CO<sub>2</sub>). Carbon monoxide Nitrogen oxides (NO<sub>x</sub>). carbon black.

Flammable. Vapours may form explosive mixtures with air.

**5.3. Advice for firefighters**

In case of fire: Wear self-contained breathing apparatus. Wear chemical resistant suit.

**Additional information**

Co-ordinate fire-fighting measures to the fire surroundings. Use water spray jet to protect personnel and to cool endangered containers. In case of fire and/or explosion do not breathe fumes. Contaminated fire-fighting water must be collected separately. Do not allow to enter into surface water or drains.

**SECTION 6: Accidental release measures****6.1. Personal precautions, protective equipment and emergency procedures****General advice**

High slip hazard because of leaking or spilled product. Provide adequate ventilation. The vapours are heavier than air and can accumulate in high concentrations on the ground, in cavities, channels and cellars. Avoid contact with skin, eyes and clothes. Keep away from sources of ignition - No smoking.

**6.2. Environmental precautions**

Do not allow to enter into surface water or drains. In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities. Prevent spread over a wide area (e.g. by containment or oil barriers).

**6.3. Methods and material for containment and cleaning up****Other information**

Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents). Treat the recovered material as prescribed in the section on waste disposal. Clean contaminated articles and floor according to the environmental legislation.

**6.4. Reference to other sections**

Safe handling: see section 7

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Personal protection equipment: see section 8  
 Section 12: Ecological Information (non-mandatory)  
 Disposal: see section 13

**SECTION 7: Handling and storage****7.1. Precautions for safe handling****Advice on safe handling**

Use only in well-ventilated areas. Take precautionary measures against static discharges. Do not spray on naked flames or any incandescent material. Due to danger of explosion, prevent leakage of vapours into cellars, flues and ditches. Avoid contact with skin, eyes and clothes.

**Advice on protection against fire and explosion**

Keep away from sources of ignition - No smoking.

Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50 °C. Do not pierce or burn, even after use. Heating causes rise in pressure with risk of bursting.

**Advice on general occupational hygiene**

Wash hands before breaks and after work. Take off immediately all contaminated clothing. Wash contaminated clothing prior to re-use. Do not eat, drink, smoke or sneeze at the workplace.

**7.2. Conditions for safe storage, including any incompatibilities****Requirements for storage rooms and vessels**

Keep the packing dry and well sealed to prevent contamination and absorption of humidity. Keep container tightly closed in a cool place. Keep away from sources of ignition - No smoking.  
 Please note: TRG 300, aerosol directive (75/324/EEC).  
 Keep/Store only in original container.

**Hints on joint storage**

Keep away from food, drink and animal feedingstuffs.

Keep away from: Oxidizing agent. Material, rich in oxygen, oxidizing.

**Further information on storage conditions**

Protect against: UV-radiation/sunlight, frost, heat.  
 Recommended storage temperature: 5 - 40°C

**7.3. Specific end use(s)**

Further information: see technical data sheet.

**SECTION 8: Exposure controls/personal protection****8.1. Control parameters****Exposure limits (EH40)**

| CAS No   | Substance      | ppm  | mg/m <sup>3</sup> | fibres/ml | Category      | Origin |
|----------|----------------|------|-------------------|-----------|---------------|--------|
| 115-10-6 | Dimethyl ether | 400  | 766               |           | TWA (8 h)     | WEL    |
|          |                | 500  | 958               |           | STEL (15 min) | WEL    |
| 64-17-5  | Ethanol        | 1000 | 1920              |           | TWA (8 h)     | WEL    |

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**DNEL/DMEL values**

| CAS No                   | Substance              |                |          |            |
|--------------------------|------------------------|----------------|----------|------------|
| DNEL type                |                        | Exposure route | Effect   | Value      |
| 115-10-6                 | Dimethyl ether         |                |          |            |
| Worker DNEL, long-term   |                        | inhalation     | systemic | 1894 mg/m³ |
| Consumer DNEL, long-term |                        | inhalation     | systemic | 471 mg/m³  |
| 64-17-5                  | ethanol; ethyl alcohol |                |          |            |
| Worker DNEL, long-term   |                        | inhalation     | systemic | 380 mg/m³  |
| Consumer DNEL, long-term |                        | inhalation     | systemic | 114 mg/m³  |

**PNEC values**

| CAS No                                           | Substance              |  |  |
|--------------------------------------------------|------------------------|--|--|
| Environmental compartment                        | Value                  |  |  |
| 115-10-6                                         | Dimethyl ether         |  |  |
| Freshwater                                       | 0,155 mg/l             |  |  |
| Freshwater (intermittent releases)               | 1,549 mg/l             |  |  |
| Marine water                                     | 0,016 mg/l             |  |  |
| Freshwater sediment                              | 0,681 mg/kg            |  |  |
| Marine sediment                                  | 0,069 mg/kg            |  |  |
| Micro-organisms in sewage treatment plants (STP) | 160 mg/l               |  |  |
| Soil                                             | 0,045 mg/kg            |  |  |
| 64-17-5                                          | ethanol; ethyl alcohol |  |  |
| Freshwater                                       | 0,96 mg/l              |  |  |
| Freshwater (intermittent releases)               | 2,75 mg/l              |  |  |
| Marine water                                     | 0,79 mg/l              |  |  |
| Freshwater sediment                              | 3,6 mg/kg              |  |  |
| Marine sediment                                  | 2,9 mg/kg              |  |  |
| Secondary poisoning                              | 380 mg/kg              |  |  |
| Micro-organisms in sewage treatment plants (STP) | 580 mg/l               |  |  |
| Soil                                             | 0,63 mg/kg             |  |  |

**Additional advice on limit values**

source:

**8.2. Exposure controls****Appropriate engineering controls**

Provide adequate ventilation as well as local exhaust at critical locations.

**Individual protection measures, such as personal protective equipment****Eye/face protection**

Tightly sealed safety glasses. German Industry Norms (DIN) / European Norms (EN): DIN EN ISO 16321

**Hand protection**

Tested protective gloves are to be worn: German Industry Norms (DIN) / European Norms (EN): EN ISO 374

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Duration of wearing with permanent contact: 480 min

Suitable material: NBR (Nitrile rubber).

Thickness of glove material: 0.7 mm.

Wearing time with occasional contact (splashes): 30 min

Suitable material: NBR (Nitrile rubber).

Thickness of glove material: 0.4 mm

Protect skin by using skin protective cream.

**Skin protection**

Wear suitable protective clothing. Change contaminated clothing. Do not put any product-impregnated cleaning rags into your trouser pockets.

**Respiratory protection**

If technical exhaust or ventilation measures are not possible or insufficient, respiratory protection must be worn. Breathing protection with filter against organic gases and vapours type A - boiling point > 65°C: A1: < 1000 ppm; A2: < 5000 ppm; A3: < 10000 ppm

**SECTION 9: Physical and chemical properties****9.1. Information on basic physical and chemical properties**

|                  |                |
|------------------|----------------|
| Physical state:  | gaseous        |
| Colour:          | grey           |
| Odour:           | like: Alcohol  |
| Odour threshold: | not determined |

**Test method**

|                                                           |                        |                 |
|-----------------------------------------------------------|------------------------|-----------------|
| Melting point/freezing point:                             | No data available      |                 |
| Boiling point or initial boiling point and boiling range: | < -20 °C               |                 |
| Flammability:                                             | No data available      |                 |
| Lower explosion limits:                                   | 2,5 vol. %             |                 |
| Upper explosion limits:                                   | 26,2 vol. %            |                 |
| Flash point:                                              | < -20 °C               | DIN EN ISO 2592 |
| Auto-ignition temperature:                                | >300 °C                |                 |
| Decomposition temperature:                                | No data available      |                 |
| pH-Value:                                                 | not applicable         |                 |
| Water solubility:                                         | partially miscible     |                 |
| Solubility in other solvents                              |                        |                 |
| No data available                                         |                        |                 |
| Partition coefficient n-octanol/water:                    | No data available      |                 |
| Vapour pressure:                                          | No data available      |                 |
| Density (at 20 °C):                                       | 0,78 g/cm <sup>3</sup> | DIN 51757       |
| Relative vapour density:                                  | No data available      |                 |
| Particle characteristics:                                 | No data available      |                 |

**9.2. Other information****Information with regard to physical hazard classes****Explosive properties**

In case of insufficient ventilation and/or through use, explosive/highly flammable mixtures may develop.

**Self-ignition temperature**

Solid:

No data available

Gas:

No data available

**Oxidizing properties**

Not oxidising.

**Other safety characteristics**

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Evaporation rate:

No data available

Pour point:

not applicable

**SECTION 10: Stability and reactivity****10.1. Reactivity**

Extremely flammable aerosol. Pressurised container: May burst if heated.

**10.2. Chemical stability**

The product is chemically stable under recommended conditions of storage, use and temperature.

**10.3. Possibility of hazardous reactions**

Ignition hazard.

Vapours may form explosive mixtures with air.

**10.4. Conditions to avoid**

Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50 °C. Do not pierce or burn, even after use. Do not spray on a naked flame or any incandescent material. Keep away from sources of ignition - No smoking. Keep out of the reach of children. Take precautionary measures against static discharges. See protective measures under point 7 and 8.

**10.5. Incompatible materials**

Oxidizing agent. Material, rich in oxygen, oxidizing.

**10.6. Hazardous decomposition products**

In case of fire may be liberated: Carbon dioxide (CO<sub>2</sub>). Carbon monoxide Nitrogen oxides (NO<sub>x</sub>). carbon black. Combustible. Vapours may form explosive mixtures with air.

**SECTION 11: Toxicological information****11.1. Information on hazard classes as defined in GB CLP Regulation****Acute toxicity**

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

**ATEmix calculated**

ATE (oral) &gt; 2000 mg/kg; ATE (dermal) &gt; 2000 mg/kg; ATE (inhalation gas) &gt; 20000 ppm

| CAS No  | Chemical name           |                 |         |        |        |
|---------|-------------------------|-----------------|---------|--------|--------|
|         | Exposure route          | Dose            | Species | Source | Method |
| 64-17-5 | ethanol; ethyl alcohol  |                 |         |        |        |
|         | oral                    | LD50 6200 mg/kg | Rat     | IUCLID |        |
|         | inhalation (4 h) vapour | LC50 95,6 mg/l  | Rat     | RTECS  |        |

**Irritation and corrosivity**

Serious eye damage/eye irritation: Causes serious eye irritation.

Skin corrosion/irritation: Based on available data, the classification criteria are not met.

**Sensitising effects**

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

**Carcinogenic/mutagenic/toxic effects for reproduction**

Germ cell mutagenicity: Based on available data, the classification criteria are not met.

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

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

**STOT-single exposure**

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

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**STOT-repeated exposure**

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

Prolonged/repetitive skin contact may cause skin defatting or dermatitis.

**Aspiration hazard**

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

**11.2. Information on other hazards****Endocrine disrupting properties**

not applicable

**SECTION 12: Ecological information****12.1. Toxicity**

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

| CAS No  | Chemical name            |                        |           |               |        |        |
|---------|--------------------------|------------------------|-----------|---------------|--------|--------|
|         | Aquatic toxicity         | Dose                   | [h]   [d] | Species       | Source | Method |
| 64-17-5 | ethanol; ethyl alcohol   |                        |           |               |        |        |
|         | Acute crustacea toxicity | EC50 9268 - 14221 mg/l | 48 h      | Daphnia magna | IUCLID |        |

**12.2. Persistence and degradability**

Not easily bio-degradable (according to OECD-criteria). Do not allow to enter into surface water or drains.

**12.3. Bioaccumulative potential**

No data available

**Partition coefficient n-octanol/water**

| CAS No   | Chemical name          | Log Pow |
|----------|------------------------|---------|
| 115-10-6 | Dimethyl ether         | 0,1     |
| 64-17-5  | ethanol; ethyl alcohol | -0,31   |

**12.4. Mobility in soil**

Product is easily volatile. Product is difficult to dissolve in water.

**12.5. Results of PBT and vPvB assessment**

The substances in the mixture do not meet the PBT/vPvB criteria according to UK REACH.

**12.6. Endocrine disrupting properties**

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

**SECTION 13: Disposal considerations****13.1. Waste treatment methods****Disposal recommendations**

Must not be disposed of with domestic refuse. Do not allow to enter into surface water or drains.

**List of Wastes Code - residues/unused products**

120112 WASTES FROM SHAPING AND PHYSICAL AND MECHANICAL SURFACE TREATMENT OF METALS AND PLASTICS; wastes from shaping and physical and mechanical surface treatment of metals and plastics; spent waxes and fats; hazardous waste

**Contaminated packaging**

Dispose of waste according to applicable legislation.

**SECTION 14: Transport information****Land transport (ADR/RID)****14.1. UN number or ID number:** UN 1950

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**14.2. UN proper shipping name:** AEROSOLS**14.3. Transport hazard class(es):** 2**14.4. Packing group:** -

Hazard label: 2.1



Classification code: 5F

Special Provisions: 190 327 344 625

Limited quantity: 1 L

Excepted quantity: E0

Transport category: 2

Tunnel restriction code: D

**Inland waterways transport (ADN)****14.1. UN number or ID number:** UN 1950**14.2. UN proper shipping name:** AEROSOLS**14.3. Transport hazard class(es):** 2**14.4. Packing group:** -

Hazard label: 2.1



Classification code: 5F

Special Provisions: 190 327 344 625

Limited quantity: 1 L

Excepted quantity: E0

**Marine transport (IMDG)****14.1. UN number or ID number:** UN 1950**14.2. UN proper shipping name:** AEROSOLS**14.3. Transport hazard class(es):** 2.1**14.4. Packing group:** -

Hazard label: 2.1



Special Provisions: 63, 190, 277, 327, 344, 381, 959

Limited quantity: 1000 mL

Excepted quantity: E0

EmS: F-D, S-U

**Air transport (ICAO-TI/IATA-DGR)****14.1. UN number or ID number:** UN 1950**14.2. UN proper shipping name:** AEROSOLS, flammable**14.3. Transport hazard class(es):** 2.1**14.4. Packing group:** -

Hazard label: 2.1



Special Provisions: A145 A167 A802

Limited quantity Passenger: 30 kg G

Passenger LQ: Y203

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|                                        |    |        |
|----------------------------------------|----|--------|
| Excepted quantity:                     | E0 |        |
| IATA-packing instructions - Passenger: |    | 203    |
| IATA-max. quantity - Passenger:        |    | 75 kg  |
| IATA-packing instructions - Cargo:     |    | 203    |
| IATA-max. quantity - Cargo:            |    | 150 kg |

**14.5. Environmental hazards**

ENVIRONMENTALLY HAZARDOUS: No

**14.6. Special precautions for user**

Warning: flammable gases.

**14.7. Maritime transport in bulk according to IMO instruments**

not applicable

**SECTION 15: Regulatory information****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****EU regulatory information**

Restrictions on use (REACH, annex XVII):

Entry 40, Entry 75

Directive 2010/75/EU on industrial emissions: 84,156% (656,417 g/l)

Directive 2004/42/EC on VOC in paints and varnishes: 84,156% (656,417 g/l)

Information according to Directive 2012/18/EU (SEVESO III): P3a FLAMMABLE AEROSOLS

**Additional information**

To follow: 850/2004/EC , 79/117/EEC , 689/2008/EC , 2008/47/EC Aerosolrichtlinie (75/324/EWG)

**National regulatory information**

Employment restrictions: Observe restrictions to employment for juveniles according to the 'juvenile work protection guideline' (94/33/EC).

Water hazard class (D): 1 - slightly hazardous to water

**15.2. Chemical safety assessment**

Chemical safety assessments for substances in this mixture were not carried out.

**SECTION 16: Other information****Changes**

This data sheet contains changes from the previous version in section(s): 2,5,9,12.

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### Abbreviations and acronyms

Flam. Gas: Flammable gases

Aerosol: Aerosols

Compressed gas

Flam. Liq: Flammable liquids

Eye Irrit: Eye irritation

For abbreviations and acronyms, see: ECHA Guidance on information requirements and chemical safety assessment, chapter R.20 (Table of terms and abbreviations).

ADR - European Agreement concerning the International Carriage of Dangerous Goods by Road ; ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways ; ASTM - American Society for the Testing of Materials ; ATE - Acute Toxicity Estimates ; bw - Body weight ; CAO - Cargo Aircraft Only ; CAS - Chemical Abstracts Service ; CMR - Carcinogen, Mutagen or Reproductive Toxicant ; DIN - Standard of the German Institute for Standardisation ; DNEL - Derived No-Effect Level ; DOT - Department of Transportation ; DSL - Domestic Substances List (Canada) ; EG - European Union ; EN - European standards ; GHS - Globally Harmonized System ; GLP - Good Laboratory Practice ; HMIS - Hazardous Materials Identification System ; IARC - International Agency for Research on Cancer ; IATA - International Air Transport Association ; IC50 - Half maximal inhibitory concentration ; ICAO - International Civil Aviation Organization ; IMDG - International Maritime Dangerous Goods ; IMO - International Maritime Organization ; ISO - International Organisation for Standardization ; 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 ; MSHA - Mine Safety and Health Administration ; n.o.s. - Not Otherwise Specified ; NFPA - National Fire Protection Association ; NO(A)EC - No Observed (Adverse) Effect Concentration ; NO(A)EL - No Observed (Adverse) Effect Level ; NOELR - No Observable Effect Loading Rate ; NTP - National Toxicology Program ; OECD - Organization for Economic Co-operation and Development ; PBT - Persistent, Bioaccumulative and Toxic substance ; (Q)SAR - (Quantitative) Structure Activity Relationship ; RCRA - Resource Conservation and Recovery Act ; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals ; RID - Regulation concerning the International Carriage of Dangerous Goods by Rail ; RQ - Reportable Quantity ; SADT - Self- Accelerating Decomposition Temperature ; SARA - Superfund Amendments and Reauthorization Act ; SDS - Safety Data Sheet ; TSCA - Toxic Substances Control Act (United States) ; UN - United Nations ; vPvB - Very Persistent and Very Bioaccumulative

### Classification for mixtures and used evaluation method according to GB CLP Regulation

| Classification       | Classification procedure      |
|----------------------|-------------------------------|
| Aerosol 1; H222-H229 |                               |
| Eye Irrit. 2; H319   | Bridging principle "Aerosols" |

### Relevant H and EUH statements (number and full text)

|      |                                                     |
|------|-----------------------------------------------------|
| H220 | Extremely flammable gas.                            |
| H222 | Extremely flammable aerosol.                        |
| H225 | Highly flammable liquid and vapour.                 |
| H229 | Pressurised container: May burst if heated.         |
| H280 | Contains gas under pressure; may explode if heated. |
| H319 | Causes serious eye irritation.                      |

### Further Information

The mixture is classified as hazardous according to regulation (EC) No 1272/2008 [CLP].

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

The receiver of our product is singularly responsible for adhering to existing laws and regulations.

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*(The data for the relevant ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)*