

Safety Data Sheet

according to UK REACH Regulation

ADDINOL Grease Spray W

Revision date: 15.08.2025

Product code: 717303

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

ADDINOL Grease Spray W

UFI: JS19-FQES-CN6F-JJ44

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

Aerosol - Lubricant and additive.

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
STOT SE 3; H336
Aquatic Chronic 3; H412

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****Hazard components for labelling**

Hydro carbons, C9-C10, < 2% aromates

Signal word: Danger**Pictograms:**

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Hazard statements

| | |
|------|--|
| H222 | Extremely flammable aerosol. |
| H229 | Pressurised container: May burst if heated. |
| H336 | May cause drowsiness or dizziness. |
| H412 | Harmful to aquatic life with long lasting effects. |

Precautionary statements

| | |
|-----------|---|
| P102 | Keep out of reach of children. |
| P210 | Keep away from heat. No Smoking. |
| P211 | Do not spray on an open flame or other ignition source. |
| P251 | Do not pierce or burn, even after use. |
| P261 | Avoid breathing dust/fume/gas/mist/vapours/spray. |
| P312 | Call a POISON CENTER/doctor if you feel unwell. |
| P403+P233 | Store in a well-ventilated place. Keep container tightly closed. |
| P410+P412 | Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F. |
| P501 | Dispose of contents/container to an appropriate recycling or disposal facility. |

Special labelling of certain mixtures

| | |
|--------|--|
| EUH066 | Repeated exposure may cause skin dryness or cracking. |
| EUH208 | Contains 4-Nonylphenoxyacetic acid. May produce an allergic reaction. |
| | In case of insufficient ventilation and/or through use, explosive/highly flammable mixtures may develop. |
| | 72 % by mass of the contents are flammable. |

Additional advice on labelling

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

2.3. Other hazards

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

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

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Relevant ingredients

| CAS No | Chemical name | | | Quantity |
|------------|--|--------------|------------------|---------------|
| | EC No | Index No | REACH No | |
| | Classification (GB CLP Regulation) | | | |
| 106-97-8 | butane | | | 20 - < 40 % |
| | 203-448-7 | 601-004-00-0 | | |
| | Flam. Gas 1, Liquefied gas; H220 H280 | | | |
| 64742-82-1 | Hydro carbons, C9-C10, < 2% aromates | | | 20 - < 40 % |
| | 927-241-2 | | 01-2119471843-32 | |
| | Flam. Liq. 3, STOT SE 3, Asp. Tox. 1, Aquatic Chronic 3; H226 H336 H304 H412 EUH066 | | | |
| 64742-54-7 | Distillates (petroleum), hydrotreated heavy paraffinic | | | 10 - < 20 % |
| | 265-157-1 | | 01-2119484627-25 | |
| | Asp. Tox. 1; H304 | | | |
| 74-98-6 | propane | | | 10 - < 20 % |
| | 200-827-9 | 601-003-00-5 | | |
| | Flam. Gas 1, Liquefied gas; H220 H280 | | | |
| 3115-49-9 | 4-Nonylphenoxyacetic acid | | | 0.3 - < 0.5 % |
| | 221-486-2 | | 01-2119982392-31 | |
| | Acute Tox. 4, Skin Corr. 1B, Eye Dam. 1, Skin Sens. 1, Aquatic Acute 1, Aquatic Chronic 1; H302 H314 H318 H317 H400 H410 | | | |

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 | | |
| 64742-82-1 | 927-241-2 | Hydro carbons, C9-C10, < 2% aromates | 20 - < 40 % |
| | dermal: LD50 = > 5000 mg/kg; oral: LD50 = > 15000 mg/kg | | |
| 64742-54-7 | 265-157-1 | Distillates (petroleum), hydrotreated heavy paraffinic | 10 - < 20 % |
| | dermal: LD50 = > 5000 mg/kg; oral: LD50 = > 5000 mg/kg | | |
| 3115-49-9 | 221-486-2 | 4-Nonylphenoxyacetic acid | 0.3 - < 0.5 % |
| | oral: LD50 = 1674 mg/kg Aquatic Acute 1; H400: M=1 Aquatic Chronic 1; H410: M=1 | | |

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 GB 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 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.

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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 (CO₂). Extinguishing powder. Foam.

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 (CO₂). Carbon monoxide Nitrogen oxides (NO_x). carbon black.

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**

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, eye and clothing. 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

Personal protection equipment: see section 8

Section 12: Ecological Information (non-mandatory)

Disposal: see section 13

SECTION 7: Handling and storage

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7.1. Precautions for safe handling**Advice on safe handling**

Work in well-ventilated zones or use proper respiratory protection. Do not breathe gas/fumes/vapour/spray.
Keep away from sources of ignition - No smoking. Take precautionary measures against static discharges. To avoid risks to man and the environment, comply with the instructions for use.

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).

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

Recommended storage temperature: 5 - 40°C.

Do not store at temperatures over: 50°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 ³ | fibres/ml | Category | Origin |
|----------|-----------|-----|-------------------|-----------|---------------|--------|
| 106-97-8 | Butane | 600 | 1450 | | TWA (8 h) | WEL |
| | | 750 | 1810 | | STEL (15 min) | WEL |

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DNEL/DMEL values

| CAS No | Substance | | | |
|--------------------------|--|----------------|----------|-------------------|
| DNEL type | | Exposure route | Effect | Value |
| 64742-82-1 | Hydro carbons, C9-C10, < 2% aromates | | | |
| Worker DNEL, long-term | | inhalation | systemic | 871 mg/m³ |
| Worker DNEL, long-term | | dermal | systemic | 77 mg/kg bw/day |
| Consumer DNEL, long-term | | inhalation | systemic | 185 mg/m³ |
| Consumer DNEL, long-term | | dermal | systemic | 46 mg/kg bw/day |
| Consumer DNEL, long-term | | oral | systemic | 46 mg/kg bw/day |
| 64742-54-7 | Distillates (petroleum), hydrotreated heavy paraffinic | | | |
| Worker DNEL, long-term | | inhalation | systemic | 2,73 mg/m³ |
| Worker DNEL, long-term | | inhalation | local | 5,58 mg/m³ |
| Worker DNEL, long-term | | dermal | systemic | 0,97 mg/kg bw/day |
| Consumer DNEL, long-term | | inhalation | local | 1,19 mg/m³ |
| Consumer DNEL, long-term | | oral | systemic | 0,74 mg/kg bw/day |
| 3115-49-9 | 4-Nonylphenoxyacetic acid | | | |
| Worker DNEL, long-term | | inhalation | systemic | 1,76 mg/m³ |
| Worker DNEL, acute | | inhalation | systemic | 17,6 mg/m³ |
| Worker DNEL, long-term | | dermal | systemic | 0,5 mg/kg bw/day |
| Consumer DNEL, long-term | | inhalation | systemic | 0,43 mg/m³ |
| Consumer DNEL, acute | | inhalation | systemic | 4,3 mg/m³ |
| Consumer DNEL, long-term | | dermal | systemic | 0,25 mg/kg bw/day |
| Consumer DNEL, long-term | | oral | systemic | 0,25 mg/kg bw/day |

PNEC values

| CAS No | Substance | |
|--|--|--|
| Environmental compartment | Value | |
| 64742-54-7 | Distillates (petroleum), hydrotreated heavy paraffinic | |
| Secondary poisoning | 9,33 mg/kg | |
| 3115-49-9 | 4-Nonylphenoxyacetic acid | |
| Freshwater | 0,001 mg/l | |
| Freshwater (intermittent releases) | 0,009 mg/l | |
| Marine water | 0 mg/l | |
| Freshwater sediment | 0,02 mg/kg | |
| Marine sediment | 0,002 mg/kg | |
| Micro-organisms in sewage treatment plants (STP) | 1 mg/l | |
| Soil | 0,004 mg/kg | |

Additional advice on limit values

source:

8.2. Exposure controls

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**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

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: | light brown |
| Odour: | characteristic |
| Odour threshold: | not determined |

| | Test method |
|---|-----------------------|
| Melting point/freezing point: | not applicable |
| Boiling point or initial boiling point and boiling range: | < -20 °C |
| Flammability: | not applicable |
| Lower explosion limits: | 0,8 vol. % |
| Upper explosion limits: | 15 vol. % |
| Flash point: | < -20 °C DIN ISO 2592 |
| Auto-ignition temperature: | >230 °C DIN 51794 |
| Decomposition temperature: | No data available |
| pH-Value: | not applicable |
| Viscosity / kinematic: | not applicable |
| Water solubility: | insoluble |
| (at 20 °C) | |
| Solubility in other solvents | |
| No data available | |

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Partition coefficient n-octanol/water:

No data available

Vapour pressure:

No data available

(at 20 °C)

Density (at 20 °C):

0,704 g/cm³ 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:

not applicable

Gas:

not applicable

Oxidizing properties

No data available

Other safety characteristics

Evaporation rate:

No data available

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

Flammable aerosol.

10.2. Chemical stability

The mixture 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 productsIn case of fire may be liberated: Carbon dioxide (CO₂). Carbon monoxide Nitrogen oxides (NO_x). 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.

Mixture not tested.

ATEmix calculated

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

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| CAS No | Chemical name | | | | |
|------------|--|--------------------|---------|---------------------|--------------------|
| | Exposure route | Dose | Species | Source | Method |
| 64742-82-1 | Hydro carbons, C9-C10, < 2% aromates | | | | |
| | oral | LD50 > 15000 mg/kg | Rat | Study report (1977) | OECD Guideline 423 |
| | dermal | LD50 > 5000 mg/kg | Rabbit | Study report (1993) | OECD Guideline 402 |
| 64742-54-7 | Distillates (petroleum), hydrotreated heavy paraffinic | | | | |
| | oral | LD50 > 5000 mg/kg | Rat | Study report (1982) | OECD Guideline 401 |
| | dermal | LD50 > 5000 mg/kg | Rabbit | Study report (1982) | OECD Guideline 402 |
| 3115-49-9 | 4-Nonylphenoxyacetic acid | | | | |
| | oral | LD50 1674 mg/kg | Rat | Study report (1986) | OECD Guideline 401 |

Irritation and corrosivity

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

Serious eye damage/eye irritation: Based on available data, the classification criteria are not met.

Repeated exposure may cause skin dryness or cracking.

Sensitising effects

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

Contains 4-Nonylphenoxyacetic acid. May produce an allergic reaction.

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

May cause drowsiness or dizziness. (Hydro carbons, C9-C10, < 2% aromates)

STOT-repeated exposure

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

Aspiration hazard

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

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

not applicable

Further information

If handled with proper care and at intended use, the product does not cause any harmful effects acc. to our experiences and available information.

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

Harmful to aquatic life with long lasting effects.

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| CAS No | Chemical name | | | | | | |
|------------|--|---------------|---------|-----------|----------------------------|--|--|
| | Aquatic toxicity | Dose | | [h] [d] | Species | Source | Method |
| 106-97-8 | butane | | | | | | |
| | Acute fish toxicity | LC50 mg/l | 49,9 | 96 h | Fish, no other information | United States Environmental Protection A | The Ecosar class program has been develo |
| | Acute algae toxicity | ErC50 mg/l | 19,37 | 96 h | Algae | USEPA OPPT Risk Assessment Division (200 | Calculation using ECOSAR Program v1.00. |
| | Acute crustacea toxicity | EC50 mg/l | 69,43 | 48 h | Daphnia sp. | USEPA OPPT Risk Assessment Division (200 | Calculation using ECOSAR Program v1.00. |
| 64742-82-1 | Hydro carbons, C9-C10, < 2% aromates | | | | | | |
| | Acute fish toxicity | LL50 mg/l | 50,9 | 96 h | Oncorhynchus mykiss | Study report (1995) | OECD Guideline 203 |
| | Fish toxicity | NOEC mg/l | 0,182 | 28 d | Oncorhynchus mykiss | CONCAWE, Brussels, Belgium (2010) | The aquatic toxicity was estimated by a |
| | Crustacea toxicity | NOEC mg/l | 0,317 | 21 d | Daphnia magna | Company report (2010) | The aquatic toxicity was estimated by a |
| 64742-54-7 | Distillates (petroleum), hydrotreated heavy paraffinic | | | | | | |
| | Acute fish toxicity | LL50 mg/l | > 100 | 96 h | Pimephales promelas | Study report (1995) | OECD Guideline 203 |
| | Acute algae toxicity | ErC50 mg/l | >100 | 72 h | | | |
| | Fish toxicity | NOEC mg/l | >= 1000 | 14 d | Oncorhynchus mykiss | CONCAWE, Brussels, Belgium (2010) | The aquatic toxicity was estimated by a |
| 74-98-6 | propane | | | | | | |
| | Acute fish toxicity | LC50 mg/l | 49,9 | 96 h | Fish, no other information | United States Environmental Protection A | The Ecosar class program has been develo |
| | Acute algae toxicity | ErC50 mg/l | 19,37 | 96 h | Algae | USEPA OPPT Risk Assessment Division (200 | Calculation using ECOSAR Program v1.00. |
| | Acute crustacea toxicity | EC50 mg/l | 69,43 | 48 h | Daphnia sp. | USEPA OPPT Risk Assessment Division (200 | Calculation using ECOSAR Program v1.00. |
| 3115-49-9 | 4-Nonylphenoxyacetic acid | | | | | | |
| | Acute fish toxicity | LC50 | 9 mg/l | 96 h | Danio rerio | Study report (1985) | OECD Guideline 203 |
| | Acute algae toxicity | ErC50 mg/l | 27,21 | 72 h | Raphidocelis subcapitata | Study report (2012) | OECD Guideline 201 |
| | Acute crustacea toxicity | EC50 mg/l | 0,88 | 48 h | Daphnia magna | Study report (2012) | OECD Guideline 202 |

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

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Partition coefficient n-octanol/water

| CAS No | Chemical name | Log Pow |
|-----------|---------------------------|---------|
| 106-97-8 | butane | 1,09 |
| 74-98-6 | propane | 1,09 |
| 3115-49-9 | 4-Nonylphenoxyacetic acid | 5,8 |

BCF

| CAS No | Chemical name | BCF | Species | Source |
|------------|--------------------------------------|-------|------------|----------------------|
| 64742-82-1 | Hydro carbons, C9-C10, < 2% aromates | 144,3 | calculated | Other company data (|
| 3115-49-9 | 4-Nonylphenoxyacetic acid | 23,63 | Fish | Calculation (2012) |

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

160504 WASTES NOT OTHERWISE SPECIFIED IN THE LIST; gases in pressure containers and discarded chemicals; gases in pressure containers (including halons) containing hazardous substances; 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 |
| 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 |

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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



Marine pollutant:

no

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

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**

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EU regulatory information

Restrictions on use (REACH, annex XVII):

Entry 28, Entry 29, Entry 40, Entry 75

Directive 2010/75/EU on industrial emissions: 64,78 % (456,051 g/l)

Directive 2004/42/EC on VOC in paints and varnishes: 64,98 % (457,459 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

Skin resorption/Sensitization: Causes allergic hypersensitivity reactions.

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): 2,3,4,5,6,7,8,9,10,11,12,15,16.

Safety Data Sheet

according to UK REACH Regulation

ADDINOL Grease Spray W

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Abbreviations and acronyms

Flam. Gas: Flammable gases

Aerosol: Aerosols

Liquefied gas

Flam. Liq: Flammable liquids

Acute Tox: Acute toxicity

Asp. Tox: Aspiration hazard

Skin Corr: Skin corrosion

Eye Dam: Eye damage

Skin Sens: Skin sensitisation

STOT SE: Specific target organ toxicity - single exposure

Aquatic Acute: Acute aquatic hazard

Aquatic Chronic: Chronic aquatic hazard

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 | |
| STOT SE 3; H336 | Bridging principle "Aerosols" |
| Aquatic Chronic 3; H412 | Calculation method |

Relevant H and EUH statements (number and full text)

| | |
|------|---|
| H220 | Extremely flammable gas. |
| H222 | Extremely flammable aerosol. |
| H226 | Flammable liquid and vapour. |
| H229 | Pressurised container: May burst if heated. |
| H280 | Contains gas under pressure; may explode if heated. |
| H302 | Harmful if swallowed. |
| H304 | May be fatal if swallowed and enters airways. |
| H314 | Causes severe skin burns and eye damage. |
| H317 | May cause an allergic skin reaction. |
| H318 | Causes serious eye damage. |

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| | |
|--------|---|
| H336 | May cause drowsiness or dizziness. |
| H400 | Very toxic to aquatic life. |
| H410 | Very toxic to aquatic life with long lasting effects. |
| H412 | Harmful to aquatic life with long lasting effects. |
| EUH066 | Repeated exposure may cause skin dryness or cracking. |
| EUH208 | Contains 4-Nonylphenoxyacetic acid. May produce an allergic reaction. |

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.

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