

# Safety Data Sheet

according to UK REACH Regulation

## DINITROL SIM Cleaner Spray

Revision date: 15.04.2025

Product code: 21709

Page 1 of 14

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

#### 1.1. Product identifier

DINITROL SIM Cleaner Spray

UFI: 877D-TMFQ-U001-YJ7V

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

Use of the substance/mixture

detergent

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

##### Manufacturer

Company name: DINOL GmbH  
Street: Pyrmonter Strasse 76  
Place: D-32676 Luegde  
Telephone: + 49 (0) 5281 982980  
E-mail: msds@dinol.com  
Contact person: Labor  
Responsible Department: msds@dinol.com

Telefax: + 49 (0) 5281 9829860

##### Supplier

Company name: Leading Solvent Supplies Limited  
Street: Marston Business Park, Rudgate  
Place: GB Tockwith, York YO26 7QF  
E-mail: enquiries@leading-solvents.co.uk  
Internet: www.leading-solvents.co.uk

#### 1.4. Emergency telephone number:

Giftnotruf Berlin: +49 30 30686 700 (Beratung in Deutsch und Englisch)

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

##### GB CLP Regulation

Aerosol 1; H222-H229  
Eye Irrit. 2; H319  
STOT SE 3; H336  
Aquatic Chronic 2; H411

Full text of hazard statements: see SECTION 16.

#### 2.2. Label elements

##### GB CLP Regulation

##### Hazard components for labelling

Hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics  
acetone; propan-2-one; propanone  
isopropanol (isopropyl alcohol)

Signal word: Danger

Pictograms:



##### Hazard statements

H222 Extremely flammable aerosol.

# Safety Data Sheet

according to UK REACH Regulation

## DINITROL SIM Cleaner Spray

Revision date: 15.04.2025

Product code: 21709

Page 2 of 14

|      |  |
|------|--|
| H229 | Pressurised container: May burst if heated.      |
| H319 | Causes serious eye irritation.                   |
| H336 | May cause drowsiness or dizziness.               |
| H411 | Toxic to aquatic life with long lasting effects. |

### Precautionary statements

|           |  |
|-----------|--|
| 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.   |
| P273      | Avoid release to the environment.  |
| P391      | Collect spillage.  |
| P410+P412 | Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.                   |

### Special labelling of certain mixtures

|        |  |
|--------|--|
| EUH066 | Repeated exposure may cause skin dryness or cracking.<br>Restricted to professional users. |
|--------|--|

### Additional advice on labelling

The classification of the aerosol was carried out according to EC 1272/2008, Annex 1, point 1.1.3.7.

### Labelling of packages where the contents do not exceed 125 ml

Signal word: Danger

Pictograms:



### Hazard statements

H222-H229

### Precautionary statements

P210-P211-P251-P410+P412

### 2.3. Other hazards

No information available.

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

# Safety Data Sheet

according to UK REACH Regulation

## DINITROL SIM Cleaner Spray

Revision date: 15.04.2025

Product code: 21709

Page 3 of 14

### Relevant ingredients

| CAS No   | Chemical name  |              |                  | Quantity      |
|----------|--|--------------|------------------|---------------|
|          | EC No  | Index No     | REACH No         |               |
|          | Classification (GB CLP Regulation)   |              |                  |               |
|          | Hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics                          |              |                  | 50 - < 75 %   |
|          | 920-750-0  |              | 01-2119473851-33 |               |
|          | Flam. Liq. 2, STOT SE 3, Asp. Tox. 1, Aquatic Chronic 2; H225 H336 H304 H411 |              |                  |               |
| 67-64-1  | acetone; propan-2-one; propanone   |              |                  | 10 - < 12,5 % |
|          | 200-662-2  | 606-001-00-8 | 01-2119471330-49 |               |
|          | Flam. Liq. 2, Eye Irrit. 2, STOT SE 3; H225 H319 H336 EUH066                 |              |                  |               |
| 67-63-0  | isopropanol (isopropyl alcohol)  |              |                  | 10 - < 12,5 % |
|          | 200-661-7  | 603-117-00-0 | 01-2119457558-25 |               |
|          | Flam. Liq. 2, Eye Irrit. 2, STOT SE 3; H225 H319 H336                        |              |                  |               |
| 106-97-8 | butane (<0,1 % butadiene)  |              |                  | 5 - < 10 %    |
|          | 203-448-7  | 601-004-00-0 | 01-2119474691-32 |               |
|          | Flam. Gas 1, Compressed gas; H220 H280                                       |              |                  |               |
| 74-98-6  | propane  |              |                  | 5 - < 10 %    |
|          | 200-827-9  |              | 01-2119486944-21 |               |
|          | Flam. Gas 1A, Compressed gas; H220 H280                                      |              |                  |               |
| 75-28-5  | isobutane  |              |                  | 5 - < 10 %    |
|          | 200-857-2  | 601-004-00-0 | 01-2119485395-27 |               |
|          | Flam. Gas 1, Compressed gas; H220 H280                                       |              |                  |               |

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            |               |
|         | 920-750-0  | Hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics | 50 - < 75 %   |
|         | inhalation: LC50 = 23,3 mg/l (vapours); dermal: LD50 = 2800-3100 mg/kg                         |   |               |
| 67-64-1 | 200-662-2  | acetone; propan-2-one; propanone                    | 10 - < 12,5 % |
|         | inhalation: LC50 = 76 mg/l (vapours); dermal: LD50 = 7426-15800 mg/kg; oral: LD50 = 5800 mg/kg |   |               |
| 67-63-0 | 200-661-7  | isopropanol (isopropyl alcohol)                     | 10 - < 12,5 % |
|         | inhalation: LC50 = 30 mg/l (vapours); dermal: LD50 = 13400 mg/kg; oral: LD50 = 4570 mg/kg      |   |               |

### Further Information

Hydrocarbons meet the requirements for not being classified as carcinogenic (<0,1% benzene alt<3% (w/w) DMSO extract (IP 346)).

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

#### General information

In all cases of doubt, or when symptoms persist, seek medical advice.  
Never give anything by mouth to an unconscious person or a person with cramps.  
If unconscious but breathing normally, place in recovery position and seek medical advice.

#### After inhalation

If unconscious but breathing normally, place in recovery position and seek medical advice.

**Safety Data Sheet**

according to UK REACH Regulation

**DINITROL SIM Cleaner Spray**

Revision date: 15.04.2025

Product code: 21709

Page 4 of 14

**After contact with skin**

After contact with skin, wash immediately with plenty of water and soap.

**After contact with eyes**

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.

Continue rinsing. In case of eye irritation consult an ophthalmologist.

**After ingestion**

Rinse mouth immediately and drink plenty of water. Call a physician immediately.

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

No information available.

**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 fog.**Unsuitable extinguishing media**

High power water jet.

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

Extremely flammable aerosol. Vapours can form explosive mixtures with air.

**5.3. Advice for firefighters**

Use water spray jet to protect personnel and to cool endangered containers.

**Additional information**

Suppress gases/vapours/mists with water spray jet. Collect contaminated fire extinguishing water separately.

Do not allow entering drains or surface water.

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

Remove all sources of ignition. Provide adequate ventilation. Do not breathe gas/fumes/vapour/spray. Avoid contact with skin, eyes and clothes. Use personal protection equipment.

**For emergency responders**

For further specification, refer to section 8 of the SDS.

**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.

**6.3. Methods and material for containment and cleaning up****For containment**

Prevent spread over a wide area (e.g. by containment or oil barriers).

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.

**For cleaning up**

Provide adequate ventilation.

Clear contaminated areas thoroughly.

Do not rinse down with water.

**Other information**

No information available.

**6.4. Reference to other sections**

Safe handling: see section 7

## DINITROL SIM Cleaner Spray

Revision date: 15.04.2025

Product code: 21709

Page 5 of 14

Personal protection equipment: see section 8

Disposal: see section 13

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

##### Advice on safe handling

Do not pierce or burn, even after use. If handled uncovered, arrangements with local exhaust ventilation have to be used. Do not breathe gas/fumes/vapour/spray.

##### Advice on protection against fire and explosion

Do not spray on naked flames or any incandescent material. Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F. Keep away from sources of ignition - No smoking. Take precautionary measures against static discharges. Vapours can form explosive mixtures with air.

##### Advice on general occupational hygiene

The usual precautionary measures are to be adhered to when handling chemicals.

Keep away from food, drink and animal feedingstuffs.

Remove contaminated, saturated clothing immediately. Draw up and observe skin protection programme.

Wash hands and face before breaks and after work and take a shower if necessary. When using do not eat or drink.

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

##### Requirements for storage rooms and vessels

Keep container tightly closed. Keep in a cool, well-ventilated place. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

##### Hints on joint storage

Do not store together with: Oxidising agent. Pyrophoric or self-heating substances.

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

detergent

### 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 |
|----------|-------------|------|-------------------|-----------|---------------|--------|
| 67-64-1  | Acetone     | 500  | 1210              |           | TWA (8 h)     | WEL    |
|          |             | 1500 | 3620              |           | STEL (15 min) | WEL    |
| 106-97-8 | Butane      | 600  | 1450              |           | TWA (8 h)     | WEL    |
|          |             | 750  | 1810              |           | STEL (15 min) | WEL    |
| 67-63-0  | Propan-2-ol | 400  | 999               |           | TWA (8 h)     | WEL    |
|          |             | 500  | 1250              |           | STEL (15 min) | WEL    |

## Safety Data Sheet

according to UK REACH Regulation

### DINITROL SIM Cleaner Spray

Revision date: 15.04.2025

Product code: 21709

Page 6 of 14

#### DNEL/DMEL values

| CAS No                   | Substance   |                |          |                  |
|--------------------------|---|----------------|----------|------------------|
| DNEL type                |   | Exposure route | Effect   | Value            |
|                          | Hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics |                |          |                  |
| Worker DNEL, long-term   |   | dermal         | systemic | 773 mg/kg bw/day |
| Consumer DNEL, long-term |   | dermal         | systemic | 699 mg/kg bw/day |
| Consumer DNEL, long-term |   | oral           | systemic | 699 mg/kg bw/day |
| Worker DNEL, long-term   |   | inhalation     | systemic | 2035 mg/m³       |
| Consumer DNEL, long-term |   | inhalation     | systemic | 608 mg/m³        |
| 67-64-1                  | acetone; propan-2-one; propanone                    |                |          |                  |
| Worker DNEL, long-term   |   | inhalation     | systemic | 1210 mg/m³       |
| Worker DNEL, acute       |   | inhalation     | local    | 2420 mg/m³       |
| Worker DNEL, long-term   |   | dermal         | systemic | 186 mg/kg bw/day |
| Consumer DNEL, long-term |   | inhalation     | systemic | 200 mg/m³        |
| Consumer DNEL, long-term |   | dermal         | systemic | 62 mg/kg bw/day  |
| Consumer DNEL, long-term |   | oral           | systemic | 62 mg/kg bw/day  |
| ,                        |   |                |          |                  |
| 67-63-0                  | isopropanol (isopropyl alcohol)                     |                |          |                  |
| Consumer DNEL, long-term |   | inhalation     | systemic | 89 mg/m³         |
| Consumer DNEL, long-term |   | dermal         | systemic | 319 mg/kg bw/day |
| Consumer DNEL, long-term |   | oral           | systemic | 26 mg/kg bw/day  |
| Worker DNEL, long-term   |   | dermal         | systemic | 888 mg/kg bw/day |
| Worker DNEL, long-term   |   | inhalation     | systemic | 500 mg/m³        |

#### PNEC values

| CAS No   | Substance                        |  |  |
|--|----------------------------------|--|--|
| Environmental compartment                        | Value                            |  |  |
| 67-64-1  | acetone; propan-2-one; propanone |  |  |
| Freshwater                                       | 10,6 mg/l                        |  |  |
| Marine water                                     | 1,06 mg/l                        |  |  |
| Freshwater sediment                              | 30,4 mg/kg                       |  |  |
| Marine sediment                                  | 3,04 mg/kg                       |  |  |
| Micro-organisms in sewage treatment plants (STP) | 100 mg/l                         |  |  |
| Soil   | 29,5 mg/kg                       |  |  |
| 67-63-0  | isopropanol (isopropyl alcohol)  |  |  |
| Freshwater                                       | 140,9 mg/l                       |  |  |
| Marine water                                     | 140,9 mg/l                       |  |  |
| Freshwater sediment                              | 552 mg/kg                        |  |  |
| Marine sediment                                  | 552 mg/kg                        |  |  |
| Secondary poisoning                              | 160 mg/kg                        |  |  |
| Micro-organisms in sewage treatment plants (STP) | 2251 mg/l                        |  |  |
| Soil   | 28 mg/kg                         |  |  |

#### 8.2. Exposure controls

# Safety Data Sheet

according to UK REACH Regulation

## DINITROL SIM Cleaner Spray

Revision date: 15.04.2025

Product code: 21709

Page 7 of 14



### Appropriate engineering controls

Provide adequate ventilation.

If handled uncovered, arrangements with local exhaust ventilation should be used if possible.

If technical exhaust or ventilation measures are not possible or insufficient, respiratory protection must be worn.

### Individual protection measures, such as personal protective equipment

#### Eye/face protection

Eye glasses with side protection (EN 166)

#### Hand protection

Recommended glove articles :

FKM (fluoro rubber), Breakthrough time:: 480 min.

NBR (Nitrile rubber), Breakthrough time:: 480 min.

For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

Protective gloves have to be replaced at the first sign of deterioration.

Protect skin by using skin protective cream.

#### Skin protection

Wear anti-static footwear and clothing

#### Respiratory protection

Work in well-ventilated zones or use proper respiratory protection.

gas filtering equipment (EN 141)., Filter material/medium: A2/P3

## SECTION 9: Physical and chemical properties

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

|                  |                |
|------------------|----------------|
| Physical state:  | Aerosol        |
| Colour:          | transparent    |
| Odour:           | like: Solvent  |
| Odour threshold: | not determined |

|   |  |
|---|--|
| Melting point/freezing point:                             | not determined   |
| Boiling point or initial boiling point and boiling range: | -44 °C   |
| Flammability:   | not applicable   |
| Lower explosion limits:                                   | 0,6 vol. %   |
| Upper explosion limits:                                   | 13,0 vol. %  |
| Flash point:  | not applicable   |
| Auto-ignition temperature:                                | > 200 °C   |
| Decomposition temperature:                                | not determined   |
| pH-Value:   | not determined   |
| Viscosity / kinematic:                                    | not determined   |
| Water solubility:   | The study does not need to be conducted because the substance is known to be insoluble in water. |
| Solubility in other solvents                              |  |
| not determined  |  |
| Partition coefficient n-octanol/water:                    | not determined   |

#### Test method

## Safety Data Sheet

according to UK REACH Regulation

### DINITROL SIM Cleaner Spray

Revision date: 15.04.2025

Product code: 21709

Page 8 of 14

|                          |                                 |
|--------------------------|---------------------------------|
| Vapour pressure:         | 3500 hPa                        |
| (at 20 °C)               |                                 |
| Density (at 20 °C):      | 0,7 g/cm <sup>3</sup> DIN 51757 |
| Relative vapour density: | not determined                  |

#### 9.2. Other information

##### Information with regard to physical hazard classes

|                           |                   |
|---------------------------|-------------------|
| Explosive properties      |                   |
| not determined            |                   |
| Sustained combustibility: | No data available |
| Self-ignition temperature |                   |
| Solid:                    | not applicable    |
| Gas:                      | not applicable    |
| Oxidizing properties      |                   |
| not determined            |                   |

##### Other safety characteristics

|                      |                |
|----------------------|----------------|
| Evaporation rate:    | not determined |
| Solvent content:     | 100 %          |
| Viscosity / dynamic: | not determined |

##### Further Information

No information available.

### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

Extremely flammable aerosol.

#### 10.2. Chemical stability

The product is stable under storage at normal ambient temperatures.

#### 10.3. Possibility of hazardous reactions

No known hazardous reactions.

#### 10.4. Conditions to avoid

Keep away from heat. Ignition hazard.

#### 10.5. Incompatible materials

No information available.

#### 10.6. Hazardous decomposition products

Carbon monoxide

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



# Safety Data Sheet

according to UK REACH Regulation

## DINITROL SIM Cleaner Spray

Revision date: 15.04.2025

Product code: 21709

Page 9 of 14

| CAS No  | Chemical name                                       |                       |         |        |        |
|---------|---|-----------------------|---------|--------|--------|
|         | Exposure route                                      | Dose                  | Species | Source | Method |
|         | Hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics |                       |         |        |        |
|         | dermal  | LD50 2800-3100 mg/kg  | Rat     |        |        |
|         | inhalation (4 h) vapour                             | LC50 23,3 mg/l        | Rat     |        |        |
| 67-64-1 | acetone; propan-2-one; propanone                    |                       |         |        |        |
|         | oral  | LD50 5800 mg/kg       | Rat     | RTECS  |        |
|         | dermal  | LD50 7426-15800 mg/kg | Rabbit  | IUCLID |        |
|         | inhalation (4 h) vapour                             | LC50 76 mg/l          | Rat     |        |        |
| 67-63-0 | isopropanol (isopropyl alcohol)                     |                       |         |        |        |
|         | oral  | LD50 4570 mg/kg       | Rat     |        |        |
|         | dermal  | LD50 13400 mg/kg      | Rabbit  |        |        |
|         | inhalation (4 h) vapour                             | LC50 30 mg/l          | Rat     |        |        |

### 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.

Repeated exposure may cause skin dryness or cracking.

### 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

May cause drowsiness or dizziness. (Hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics)

### 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.

### Additional information on tests

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

## 11.2. Information on other hazards

### Endocrine disrupting properties

Endocrine disrupting potential No information available.

### Further information

There are no data available on the preparation/mixture itself.

## SECTION 12: Ecological information

### 12.1. Toxicity

Toxic to aquatic life with long lasting effects.

# Safety Data Sheet

according to UK REACH Regulation

## DINITROL SIM Cleaner Spray

Revision date: 15.04.2025

Product code: 21709

Page 10 of 14

| CAS No  | Chemical name                    |              |           |         |                           |        |
|---------|----------------------------------|--------------|-----------|---------|---------------------------|--------|
|         | Aquatic toxicity                 | Dose         | [h]   [d] | Species | Source                    | Method |
| 67-64-1 | acetone; propan-2-one; propanone |              |           |         |                           |        |
|         | Acute fish toxicity              | LC50<br>mg/l | 5540      | 96 h    | Onchorhynchus mykiss      |        |
|         | Acute crustacea toxicity         | EC50<br>mg/l | 8800      | 48 h    | Daphnia Magna             |        |
|         | Algae toxicity                   | NOEC<br>mg/l | 4740      | 2 d     | Selenastrum capricornutum |        |

### 12.2. Persistence and degradability

The product has not been tested.

| The product has not been tested. |   |       |    |        |
|----------------------------------|---|-------|----|--------|
| CAS No                           | Chemical name                                       |       |    |        |
|                                  | Method  | Value | d  | Source |
|                                  | Evaluation  |       |    |        |
| 67-64-1                          | acetone; propan-2-one; propanone                    |       |    |        |
|                                  | OECD 301 B  | 91%   | 28 |        |
|                                  | Readily biodegradable (according to OECD criteria). |       |    |        |

### 12.3. Bioaccumulative potential

The product has not been tested.

#### Partition coefficient n-octanol/water

| CAS No  | Chemical name                    | Log Pow |
|---------|----------------------------------|---------|
| 67-64-1 | acetone; propan-2-one; propanone | -0,24   |
| 67-63-0 | isopropanol (isopropyl alcohol)  | 0,05    |
| 74-98-6 | propane                          | 2,36    |
| 75-28-5 | isobutane                        | 2,8     |

#### BCF

| CAS No  | Chemical name                    | BCF | Species | Source |
|---------|----------------------------------|-----|---------|--------|
| 67-64-1 | acetone; propan-2-one; propanone | <10 |         |        |

### 12.4. Mobility in soil

The product has not been tested.

### 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.

### 12.7. Other adverse effects

No information available.

#### Further information

Do not allow to enter into surface water or drains. Do not allow to enter into soil/subsoil.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

#### Disposal recommendations

Dispose of waste according to applicable legislation. Do not mix with other wastes.

List of proposed waste codes/waste designations in accordance with EWC:

# Safety Data Sheet

according to UK REACH Regulation

## DINITROL SIM Cleaner Spray

Revision date: 15.04.2025

Product code: 21709

Page 11 of 14

### 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

### List of Wastes Code - contaminated packaging

150110 WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED; packaging (including separately collected municipal packaging waste); packaging containing residues of or contaminated by hazardous substances; hazardous waste

### Contaminated packaging

Remove according to the regulations.

## SECTION 14: Transport information

### Land transport (ADR/RID)

**14.1. UN number or ID number:** UN 1950  
**14.2. UN proper shipping name:** AEROSOLS, ENVIRONMENTALLY HAZARDOUS  
**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

### Other applicable information (land transport)

E0

### Marine transport (IMDG)

**14.1. UN number or ID number:** UN 1950  
**14.2. UN proper shipping name:** AEROSOLS (Hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics), MARINE POLLUTANT  
**14.3. Transport hazard class(es):** 2.1  
**14.4. Packing group:** -  
Hazard label: 2.1



Marine pollutant: yes  
Special Provisions: 63, 190, 277, 327, 344, 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

# Safety Data Sheet

according to UK REACH Regulation

## DINITROL SIM Cleaner Spray

Revision date: 15.04.2025

Product code: 21709

Page 12 of 14



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

### Other applicable information (air transport)

E0

Passenger-LQ: Y203

### 14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: Yes



Danger releasing substance: Hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics

### 14.6. Special precautions for user

Warning: Gases under pressure

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

not applicable

### Other applicable information

Stowage Code:

SW1 Protected from sources of heat.

SW22 For AEROSOLS with a maximum capacity of 1 litre: Category A. For AEROSOLS with a capacity above 1 litre: Category B. For WASTE AEROSOLS: Category C, Clear of living quarters.

Segregation Code:

SG69 For AEROSOLS with a maximum capacity of 1 litre: Segregation as for class 9. Stow "separated from" class 1 except for division 1.4. For AEROSOLS with a capacity above 1 litre: Segregation as for the appropriate subdivision of class 2. For WASTE AEROSOLS: Segregation as for the appropriate subdivision of class 2.

## 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 28, Entry 40, Entry 75

Directive 2004/42/EC on VOC in  
 paints and varnishes: 100 %  
 701,0 g/l

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

Additional information: E2

Marketing and use of explosives precursors (Regulation (EU) 2019/1148):

This product is regulated by Regulation (EU) 2019/1148: all suspicious transactions, and significant disappearances and thefts should be reported to the relevant national contact point.

#### Additional information

Observe in addition any national regulations!

## Safety Data Sheet

according to UK REACH Regulation

### DINITROL SIM Cleaner Spray

Revision date: 15.04.2025

Product code: 21709

Page 13 of 14

Directive 98/24/EC of 7 April 1998 on the protection of the health and safety of workers from the risks related to chemical agents at work

#### National regulatory information

Employment restrictions:

Observe restrictions to employment for juveniles according to the 'juvenile work protection guideline' (94/33/EC). Observe employment restrictions under the Maternity Protection Directive (92/85/EEC) for expectant or nursing mothers.

Water hazard class (D):

2 - obviously hazardous to water

#### Additional information

This mixture contains the following substances of very high concern (SVHC) which are included in the Candidate List according to Article 59 of REACH: none

#### 15.2. Chemical safety assessment

For the following substances of this mixture a chemical safety assessment has been carried out:  
Hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics

### SECTION 16: Other information

#### Changes

This data sheet contains changes from the previous version in section(s): 2,8,9,11,15,16.

#### Abbreviations and acronyms

Flam. Gas: Flammable gases

Aerosol: Aerosols

Compressed gas

Flam. Liq: Flammable liquids

Asp. Tox: Aspiration hazard

Eye Irrit: Eye irritation

STOT SE: Specific target organ toxicity - single exposure

Aquatic Chronic: Chronic aquatic hazard

ADR: Accord européen sur le transport des marchandises dangereuses par Route  
(European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service

LC50: Lethal concentration, 50%

LD50: Lethal dose, 50%

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

| Classification          | Classification procedure      |
|-------------------------|-------------------------------|
| Aerosol 1; H222-H229    | On basis of test data         |
| Eye Irrit. 2; H319      | Bridging principle "Aerosols" |
| STOT SE 3; H336         | Bridging principle "Aerosols" |
| Aquatic Chronic 2; H411 | Calculation method            |

#### 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. |
| H304 | May be fatal if swallowed and enters airways.       |
| H319 | Causes serious eye irritation.                      |

**Safety Data Sheet**

according to UK REACH Regulation

**DINITROL SIM Cleaner Spray**

Revision date: 15.04.2025

Product code: 21709

Page 14 of 14

|        |   |
|--------|---|
| H336   | May cause drowsiness or dizziness.                    |
| H411   | Toxic to aquatic life with long lasting effects.      |
| EUH066 | Repeated exposure may cause skin dryness or cracking. |

**Further Information**

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.

This safety data sheet complies with Regulation (EC) No 1907/2006, Article 31 as amended by Regulation (EU) 2020/878.

---

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