

**DINITROL MS 40 Spray**

Revision: 19.01.2026

Product code: 30040

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

**1.1. Product identifier**

DINITROL MS 40 Spray

UFI: S26P-H25S-M00N-XDQ2

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

**Use of the substance/mixture**

Schmiermittel und Schmiermittelzusatz  
Rostlöser

**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 | Telefax: + 49 (0) 5281 9829860 |
| E-mail:                 | msds@dinol.com       |                                |
| Contact person:         | Labor                |                                |
| Internet:               | www.dinol.com        |                                |
| Responsible Department: | msds@dinol.com       |                                |

**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**

**Regulation (EC) No 1272/2008**

Aerosol 1; H222-H229  
STOT SE 3; H336

Full text of hazard statements: see SECTION 16.

**2.2. Label elements**

**Regulation (EC) No 1272/2008**

**Hazard components for labelling**

Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics

**Signal word:** Danger

**Pictograms:**



**Hazard statements**

|      |   |
|------|---|
| H222 | Extremely flammable aerosol.                |
| H229 | Pressurised container: May burst if heated. |
| H336 | May cause drowsiness or dizziness.          |

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**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.
- P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
- 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.

**Special labelling**

Restricted to professional users.

**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**
**Relevant ingredients**

| CAS No     | Chemical name   |              |                  | Quantity      |
|------------|---|--------------|------------------|---------------|
|            | EC No   | Index No     | REACH No         |               |
|            | Classification (Regulation (EC) No 1272/2008)                                 |              |                  |               |
|            | Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics           |              |                  | 50 - < 75 %   |
|            | 919-857-5   |              | 01-2119463258-33 |               |
|            | Flam. Liq. 3, STOT SE 3, Asp. Tox. 1; H226 H336 H304 EUH066                   |              |                  |               |
| 64742-55-8 | Baseoil - unspecified, Distillates (petroleum), hydrotreated light paraffinic |              |                  | 12,5 - < 20 % |
|            | 265-158-7   | 649-468-00-3 | 01-2119487077-29 |               |
|            | Asp. Tox. 1; H304   |              |                  |               |
| 124-38-9   | Carbon dioxide  |              |                  | < 2,5 %       |
|            | 204-696-9   |              |                  |               |
|            | Press. Gas (Comp.); H280  |              |                  |               |
|            | calcium bis (di C8-C10, branched, C9 rich, alkylnaphthalenesulphonate)        |              |                  | < 2,5 %       |
|            | 939-717-7   |              | 01-2119980985-16 |               |
|            | Skin Irrit. 2, Eye Irrit. 2; H315 H319  |              |                  |               |

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

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

| CAS No     | EC No     | Chemical name  | Quantity      |
|------------|-----------|--|---------------|
|            |           | Specific Conc. Limits, M-factors and ATE   |               |
|            | 919-857-5 | Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics                              | 50 - < 75 %   |
|            |           | inhalation: LC50 = > 5000 mg/l (vapours); dermal: LD50 = > 5000 mg/kg; oral: LD50 = > 5000 mg/kg |               |
| 64742-55-8 | 265-158-7 | Baseoil - unspecified, Distillates (petroleum), hydrotreated light paraffinic                    | 12,5 - < 20 % |
|            |           | inhalation: LC50 = 5,53 mg/l (vapours); dermal: LD50 = >3000 mg/kg; oral: LD50 = >5000 mg/kg     |               |
|            | 939-717-7 | calcium bis (di C8-C10, branched, C9 rich, alkylnaphthalenesulphonate)                           | < 2,5 %       |
|            |           | inhalation: LC50 = > 18 mg/l (vapours); dermal: LD50 = > 20000 mg/kg; oral: LD50 = >5000 mg/kg   |               |

**Further Information**

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

**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**

Provide fresh air. In case of troubles or persistent symptoms, consult an ophthalmologist.

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

**After contact with skin**

Wash with plenty of water. Take off contaminated clothing and wash it before reuse.

If skin irritation occurs: Get medical advice/attention.

**After contact with eyes**

After contact with the eyes, rinse with water with the eyelids open for a sufficient length of time, then consult an ophthalmologist immediately.

**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**

No information available.

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

 alcohol resistant foam, Carbon dioxide (CO<sub>2</sub>), Extinguishing powder, Water fog.

**Unsuitable extinguishing media**

High power water jet.

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

Flammable. 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.

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Do not allow entering drains or surface water.

**SECTION 6: Accidental release measures**

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

**General advice**

- Provide adequate ventilation.
- Wear personal protection equipment.
- Avoid contact with skin, eyes and clothes.
- Avoid breathing dust/fume/gas/mist/vapours/spray.

**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
- 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**

- Handle and open container with care.
- If handled uncovered, arrangements with local exhaust ventilation have to be used.
- If local exhaust ventilation is not possible or not sufficient, the entire working area should be ventilated by technical means.

**Advice on protection against fire and explosion**

- Take precautionary measures against static discharges.
- Do not spray on naked flames or any incandescent material.
- Keep away from sources of ignition - No smoking.
- Heating causes rise in pressure with risk of bursting.

**Advice on general occupational hygiene**

- Keep away from food, drink and animal feedingstuffs.
- When using do not eat or drink.
- Wash hands before breaks and after work.
- Avoid contact with skin and eyes.
- Remove contaminated, saturated clothing immediately.

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

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**Requirements for storage rooms and vessels**

Keep container tightly closed in a cool, well-ventilated place.  
Do not keep the container sealed. Keep container dry.  
Keep away from heat. Protect from direct sunlight.

**Hints on joint storage**

No information available.

**Further information on storage conditions**

No information available.

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

No information available.

**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 |
|----------|----------------|-------|-------------------|-----------|---------------|--------|
| 124-38-9 | Carbon dioxide | 5000  | 9150              |           | TWA (8 h)     | WEL    |
|          |                | 15000 | 27400             |           | STEL (15 min) | WEL    |

**DNEL/DMEL values**

| CAS No  | Substance | Exposure route | Effect   | Value                 |
|---|-----------|----------------|----------|-----------------------|
| Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics |           |                |          |                       |
| Consumer DNEL, long-term  |           | oral           | systemic | 125 mg/kg bw/day      |
| Worker DNEL, long-term  |           | dermal         | systemic | 208 mg/kg bw/day      |
| Consumer DNEL, long-term  |           | dermal         | systemic | 125 mg/kg bw/day      |
| Worker DNEL, long-term  |           | inhalation     | systemic | 871 mg/m <sup>3</sup> |
| Consumer DNEL, long-term  |           | inhalation     | systemic | 185 mg/m <sup>3</sup> |

**8.2. Exposure controls**



**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 (DIN EN 166)

**Hand protection**

Tested protective gloves must be worn (EN ISO 374):  
FKM (fluoro rubber) penetration time (maximum wearing period): 480 min.  
NBR (Nitrile rubber) penetration time (maximum wearing period): 480 min.  
Thickness of the glove material : > 0,12 mm  
For special purposes, it is recommended to check the resistance to chemicals of the protective gloves

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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:   | light brown  |                       |
| Odour:  | characteristic   |                       |
| Odour threshold:  | not determined   |                       |
| Melting point/freezing point:                             |  | not determined        |
| Boiling point or initial boiling point and boiling range: |  | not determined        |
| Flammability:   |  | not applicable        |
| Lower explosion limits:                                   |  | 0,6 vol. %            |
| Upper explosion limits:                                   |  | 7,0 vol. %            |
| Flash point:  |  | not applicable        |
| Auto-ignition temperature:                                |  | 240 °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        |
| Vapour pressure:<br>(at 20 °C)                            |  | 5500 hPa              |
| Density (at 20 °C):                                       |  | 0,8 g/cm <sup>3</sup> |
| Relative vapour density:                                  |  | not determined        |
| Particle characteristics:                                 |  | not applicable        |

**9.2. Other information**

**Information with regard to physical hazard classes**

|                           |                |
|---------------------------|----------------|
| Explosive properties      | not determined |
| Self-ignition temperature |                |
| Solid:                    | not applicable |
| Gas:                      | not applicable |
| Oxidizing properties      |                |
| Not oxidising.            |                |

**Other safety characteristics**

|                   |                |
|-------------------|----------------|
| Evaporation rate: | not determined |
| Solvent content:  | 73,0 %         |
| Solid content:    | 6,0 %          |
| Softening point:  | not determined |

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Viscosity / dynamic:

not determined

**Further Information**

No information available.

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

No hazardous reaction when handled and stored according to provisions.

**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 sources of heat (e.g. hot surfaces), sparks and open flames. Vapours can form explosive mixtures with air.

**10.5. Incompatible materials**

No information available.

**10.6. Hazardous decomposition products**

No known hazardous decomposition products.

**SECTION 11: Toxicological information**
**11.1. Information on hazard classes**
**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 |
|            | Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics           |                    |         |        |        |
|            | oral  | LD50 > 5000 mg/kg  | Rat     |        |        |
|            | dermal  | LD50 > 5000 mg/kg  | Rabbit  |        |        |
|            | inhalation (4 h) vapour   | LC50 > 5000 mg/l   | Rat     |        |        |
| 64742-55-8 | Baseoil - unspecified, Distillates (petroleum), hydrotreated light paraffinic |                    |         |        |        |
|            | oral  | LD50 >5000 mg/kg   | Rat     |        |        |
|            | dermal  | LD50 >3000 mg/kg   | Rabbit  |        |        |
|            | inhalation (4 h) vapour   | LC50 5,53 mg/l     | Rat     |        |        |
|            | calcium bis (di C8-C10, branched, C9 rich, alkyl)naphthalenesulphonate)       |                    |         |        |        |
|            | oral  | LD50 >5000 mg/kg   | Rat     |        |        |
|            | dermal  | LD50 > 20000 mg/kg | Rabbit  |        |        |
|            | inhalation (4 h) vapour   | LC50 > 18 mg/l     | Rat     |        |        |

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**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.

**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, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics)

**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.

**Information on likely routes of exposure**

No information available.

**Specific effects in experiment on an animal**

No information available.

**Additional information on tests**

No information available.

**Practical experience**

No information available.

**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**

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

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| CAS No     | Chemical name   |              |           |         |   |        |
|------------|---|--------------|-----------|---------|---|--------|
|            | Aquatic toxicity  | Dose         | [h]   [d] | Species | Source                                  | Method |
| 64742-55-8 | Baseoil - unspecified, Distillates (petroleum), hydrotreated light paraffinic |              |           |         |   |        |
|            | Acute fish toxicity   | LC50<br>mg/l | >100      | 96 h    | Pimephales promelas<br>(fathead minnow) |        |
|            | Acute crustacea toxicity  | EC50<br>mg/l | >10000    | 48 h    | Daphnia magna (Big<br>water flea)       |        |
|            | Algae toxicity  | NOEC<br>mg/l | >100      | 3 d     | Pseudokirchneriella<br>subcapitata      |        |
|            | Crustacea toxicity  | NOEC         | >10 mg/l  | 21 d    | Daphnia magna (Big<br>water flea)       |        |
|            | calcium bis (di C8-C10, branched, C9 rich, alkylnaphthalenesulphonate)        |              |           |         |   |        |
|            | Acute fish toxicity   | LC50<br>mg/l | > 0,28    | 96 h    | fish                                    |        |
|            | Acute crustacea toxicity  | EC50<br>mg/l | > 0,27    | 48 h    | Daphnia magna (Big<br>water flea)       |        |
|            | Algae toxicity  | NOEC<br>mg/l | > 0,27    | 3 d     |   |        |

**12.2. Persistence and degradability**

There are no data available on the mixture itself.

| CAS No | Chemical name   |       |   |        |
|--------|---|-------|---|--------|
|        | Method  | Value | d | Source |
|        | Evaluation  |       |   |        |
|        | Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics |       |   |        |
|        |   | 80%   |   |        |
|        | Readily biodegradable (according to OECD criteria).                 |       |   |        |

**12.3. Bioaccumulative potential**

There are no data available on the mixture itself.

**Partition coefficient n-octanol/water**

| CAS No     | Chemical name   | Log Pow |
|------------|---|---------|
| 64742-55-8 | Baseoil - unspecified, Distillates (petroleum), hydrotreated light paraffinic | >3,5    |
| 124-38-9   | Carbon dioxide  | 0,83    |

**12.4. Mobility in soil**

There are no data available on the mixture itself.

**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**

Avoid release to the environment.

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

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**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:

**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  
**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

**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, 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  
**14.3. Transport hazard class(es):** 2.1  
**14.4. Packing group:** -  
 Hazard label: 2.1

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|  |                |        |
|--|----------------|--------|
| 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**

No information available.

**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 40, Entry 75

|   |                        |
|---|------------------------|
| Directive 2004/42/EC on VOC in paints and varnishes:        | 73,00 %<br>556,3 g/l   |
| Information according to Directive 2012/18/EU (SEVESO III): | P3b FLAMMABLE AEROSOLS |

**Additional information**

Observe in addition any national regulations!

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): 1 - slightly hazardous to water

**Additional information**

This mixture contains the following substances of very high concern (SVHC) which are included in the

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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, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics

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

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

**Abbreviations and acronyms**

Aerosol 1: Aerosols, hazard category 1  
 Press. Gas (Comp.): Gases under pressure: Compressed gas  
 Flam. Liq. 3: Flammable liquids, hazard category 3  
 Asp. Tox. 1: Aspiration hazard, hazard category 1  
 Skin Irrit. 2: Skin irritation, hazard category 2  
 Eye Irrit. 2: Eye irritation, hazard category 2  
 STOT SE 3: Specific target organ toxicity - single exposure, hazard category 3  
 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**

| Classification       | Classification procedure      |
|----------------------|-------------------------------|
| Aerosol 1; H222-H229 | On basis of test data         |
| STOT SE 3; H336      | Bridging principle "Aerosols" |

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

|        |   |
|--------|---|
| 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.   |
| H304   | May be fatal if swallowed and enters airways.         |
| H315   | Causes skin irritation.                               |
| H319   | Causes serious eye irritation.                        |
| H336   | May cause drowsiness or dizziness.                    |
| 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 contains only safety-related information and does not replace product information or product specifications.

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

**DINITROL MS 40 Spray**

Revision: 19.01.2026

Product code: 30040

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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.)*