

Material Safety Data Sheet According to 91/155 EC

Printing date 14.03.2003

Reviewed on 23.10.2002

1 Identification of the substance/preparation and of the company/undertaking

- **Product details**
- **Trade name:** *DINITROL 7300 AEROSOL*
- **Application of the substance / the preparation** *Interior vehicle cleaner*
- **Manufacturer/Supplier:** *DINOL AB Spangatan 3 Box 149 S-28122 Hässleholm*
- **Further information obtainable from:** *Tel. +46 451 880 00, FAX +46 451 880 44*
- **Information in case of emergency:** *020-996000 (ECR Nr. Nat.) +46 8 337 043 (ERC Nr. Int.)*

2 Composition/information on ingredients

- **Chemical characterization**
- **Description:** *Cleansing agent*

· **Dangerous components:**

CAS: 68476-85-7	Petroleum gases, liquefied		F+; R 12	20%
EINECS: 270-704-2				

- **Additional information:** *For the wording of the listed risk phrases refer to section 16.*

3 Hazards identification

- **Hazard description:**
F+ Extremely flammable
- **Information concerning particular hazards for human and environment:**
The product has to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.
Warning! Pressurized container.
R 12 Extremely flammable.
- **Classification system:**
The classification is according to the latest editions of the EU-lists, and extended by company and literature data.

4 First-aid measures

- **General information:** *Contact physician if discomfort continues.*
- **After inhalation:**
Take affected persons into fresh air and keep quiet.
Supply fresh air; consult doctor in case of complaints.
- **After skin contact:**
Immediately rinse with water.
Generally the product does not irritate the skin.
- **After eye contact:** *Rinse opened eye for several minutes under running water.*
- **After swallowing:** *If symptoms persist consult doctor.*

5 Fire-fighting measures

- **Suitable extinguishing agents:** *Water*
- **For safety reasons unsuitable extinguishing agents:** *Extinguishing powder*

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- **Protective equipment:** Wear self-contained respiratory protective device.

6 Accidental release measures

- **Person-related safety precautions:** Wear protective equipment. Keep unprotected persons away.
- **Measures for environmental protection:** Do not allow to enter sewers/ surface or ground water.
- **Measures for cleaning/collecting:** Ensure adequate ventilation.

7 Handling and storage

- **Handling:**
 - **Information for safe handling:** Keep away from heat and direct sunlight.
 - **Information about fire - and explosion protection:**
Keep ignition sources away - Do not smoke.
Protect against electrostatic charges.
- **Storage:**
 - **Requirements to be met by storerooms and receptacles:**
Store in a cool location.
Observe official regulations on storing packagings with pressurized containers.
 - **Information about storage in one common storage facility:** Not required.
 - **Further information about storage conditions:** Protect from heat and direct sunlight.

8 Exposure controls/personal protection

- **Additional information about design of technical facilities:** No further data; see item 7.

- **Ingredients with limit values that require monitoring at the workplace:**

68476-85-7 Petroleum gases, liquefied

OES	Short-term value: 2180 mg/m ³ , 1250 ppm
	Long-term value: 1750 mg/m ³ , 1000 ppm

- **Additional information:** The lists valid during the making were used as basis.
- **Personal protective equipment:**
 - **General protective and hygienic measures:** Wash hands before breaks and at the end of work.
 - **Respiratory protection:** Not required.
 - **Protection of hands:** Not required.
 - **Material of gloves**
The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.
 - **Penetration time of glove material**
The exact break trough time has to be found out by the manufacturer of the protective gloves and has to be observed.
 - **Eye protection:** Not required.

9 Physical and chemical properties

- **General Information**

Form:	Aerosol
Colour:	Colourless
Odour:	Pleasant

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· Change in condition Melting point/Melting range: Undetermined. Boiling point/Boiling range: Not applicable, as aerosol.
· Flash point: Not applicable, as aerosol.
· Self-igniting: Product is not selfigniting.
· Danger of explosion: Product does not present an explosion hazard.
· Vapour pressure at 20°C: 4100 hPa
· Density at 20°C: 0.88 g/cm ³
· Solubility in / Miscibility with water: Not miscible or difficult to mix.
· pH-value at 20°C: 9.4
· Solvent content: Organic solvents: 0 %

10 Stability and reactivity

- **Thermal decomposition / conditions to be avoided:**
No decomposition if used according to specifications.
- **Dangerous reactions** No dangerous reactions known.
- **Dangerous decomposition products:** No dangerous decomposition products known.

11 Toxicological information

- **Acute toxicity:**
- **Primary irritant effect:**
- **on the skin:** No irritant effect.
- **on the eye:** No irritating effect.
- **Sensitization:** No sensitizing effects known.
- **Additional toxicological information:**
When used and handled according to specifications, the product does not have any harmful effects to our experience and the information provided to us.

12 Ecological information

- **Ecotoxicological effects:**
- **Remark:** There is no data available for the product.
- **General notes:**
Water hazard class 3 (German Regulation) (Self-assessment): extremely hazardous for water
Do not allow product to reach ground water, water course or sewage system, even in small quantities.
Danger to drinking water if even extremely small quantities leak into the ground.

13 Disposal considerations

- **Product:**
- **Recommendation**
Must not be disposed together with household garbage. Do not allow product to reach sewage system.

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· **European waste catalogue**

07 00 00	WASTES FROM ORGANIC CHEMICAL PROCESSES
07 06 00	wastes from the MFSU of fats, grease, soaps, detergents, disinfectants and cosmetics
07 06 01	aqueous washing liquids and mother liquors

- **Uncleaned packaging:**
- **Recommendation:** Disposal must be made according to official regulations.

14 Transport information

- **Land transport ADR/RID (cross-border)**
- **ADR/RID class:** 2 5F Gases.
- **UN-Number:** 1950
- **Packaging group:** II
- **Description of goods:** 1950 AEROSOLS

- **Maritime transport IMDG:**
- **IMDG Class:** 2
- **UN Number:** 1950
- **Packaging group:** II
- **EMS Number:** F-D,S-U
- **Marine pollutant:** No
- **Proper shipping name:** AEROSOLS

- **Air transport ICAO-TI and IATA-DGR:**
- **ICAO/IATA Class:** 2
- **UN/ID Number:** 1950
- **Packaging group:** II
- **Proper shipping name:** AEROSOLS

15 Regulatory information

- **Labelling according to EU guidelines:**
The product has been classified and marked in accordance with EU Directives / Ordinance on Hazardous Materials.

- **Code letter and hazard designation of product:**



F+ Extremely flammable

- **Risk phrases:**
12 Extremely flammable.
- **Safety phrases:**
16 Keep away from sources of ignition - No smoking.
25 Avoid contact with eyes.
56 Dispose of this material and its container to hazardous or special waste collection point.

- **National regulations:**

The product is subject to be labeled according with the prevailing version of the regulations on hazardous substances.

- **Waterhazard class:** Water hazard class 3 (Self-assessment): extremely hazardous for water.

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· **EU-VOC:** 0.00 %**16 Other information**

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

· **Relevant R-phrases**

12 Extremely flammable.

· **Department issuing MSDS:** Q&E Department

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