

**Safety Data Sheet**  
according to 1907/2006/EC, Article 31

Printing date 27.01.2009

Revision: 27.01.2009

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

- **Product details**
- **Trade name:** DINITROL 40
- **Application of the substance / the preparation** Surface protection
- **Manufacturer/Supplier:**  
EFTEC Ltd. Rhigos, Aberdare, Mid-Glamorgan CF44 9UE, United Kingdom  
EFTEC Aftermarket GmbH Pyrmonterstr. 76 D-32676 Lügde
- **Further information obtainable from:** +44(0)16 85 81 54 00 Q&E Plasticsols
- **Information in case of emergency:** +44(0)16 85 81 54 00

### 2 Hazards identification

- **Hazard description:** Not applicable.
- **Information concerning particular hazards for human and environment:**  
The product does not have to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.
- **Classification system:**  
The classification is according to the latest editions of the EU-lists, and extended by company and literature data.
- **Additional information:**  
The petroleum naphtha / petroleum distillate / lubricating oil meet the requirements for not being classified as carcinogenic (<0,1% benzene alt<3% (w/w) DMSO extract (IP 346)).

### 3 Composition/information on ingredients

- **Chemical characterization**
- **Description:** Oil based rust preventive.

- **Dangerous components:**

CAS: 64742-52-5	Distillates (petroleum), hydrotreated heavy naphthenic	50-100%
EINECS: 265-155-0		

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

### 4 First-aid measures

- **General information:** No special measures required.
- **After inhalation:** Supply fresh air.
- **After skin contact:** Immediately wash with water and soap and rinse thoroughly.
- **After eye contact:** Rinse opened eye for several minutes under running water.
- **After swallowing:** Seek medical treatment.

### 5 Fire-fighting measures

- **Suitable extinguishing agents:**  
Fire-extinguishing powder  
Foam

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Carbon dioxide

Water haze

- **For safety reasons unsuitable extinguishing agents:** Water with full jet
- **Protective equipment:** No special measures required.
- **Additional information:** Cool endangered receptacles with water spray.

## \* 6 Accidental release measures

- **Person-related safety precautions:**
  - Ensure adequate ventilation
  - Avoid contact with skin, eyes and clothes.
- **Measures for environmental protection:** Do not allow to enter sewers/ surface or ground water.
- **Measures for cleaning/collecting:**
  - Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
  - Dispose of the material collected according to regulations.
- **Additional information:** No dangerous substances are released.

## \* 7 Handling and storage

- **Handling:**
  - **Information for safe handling:** Ensure good ventilation/exhaustion at the workplace.
  - **Information about fire - and explosion protection:** Keep ignition sources away - Do not smoke.
- **Storage:**
  - **Requirements to be met by storerooms and receptacles:** No special requirements.
  - **Information about storage in one common storage facility:** Not required.
  - **Further information about storage conditions:**
    - Store receptacle in a well ventilated area.
    - Protect from heat and direct sunlight.
  - **Maximum storage temperature:** < 30°C
  - **Minimum storage temperature:** > 5°C

## \* 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:**

**64742-52-5 Distillates (petroleum), hydrotreated heavy naphthenic**

OEL	Short-term value: 10 mg/m <sup>3</sup>
	Long-term value: 5 mg/m <sup>3</sup>
	Mineral Oil Mist

- **Additional information:** The lists valid during the making were used as basis.
- **Personal protective equipment:**
  - **General protective and hygienic measures:**
    - The usual precautionary measures are to be adhered to when handling chemicals.
  - **Respiratory protection:** Suitable respiratory protective device recommended.
  - **Protection of hands:**



Protective gloves

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- **Material of gloves**

- PVC gloves

- Chloroprene rubber, CR

- Nitrile rubber, NBR

- 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. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.*

- **Penetration time of glove material**

- The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.*

- **Eye protection:** Goggles recommended during refilling

- **Body protection:** Protective work clothing

## \* 9 Physical and chemical properties

- **General Information**

<b>Form:</b>	Fluid
<b>Colour:</b>	Light brown
<b>Odour:</b>	Mineral-oil-like

- **Change in condition**

- Melting point/Melting range:** Undetermined.

- Boiling point/Boiling range:** Undetermined.

- **Flash point:** 170°C (ISO 2719)

- **Self-igniting:** Product is not selfigniting.

- **Danger of explosion:** Product does not present an explosion hazard.

- **Density at 20°C:** 0.91 g/cm<sup>3</sup>

- **Solubility in / Miscibility with water:** Emulsifiable.

- **Viscosity:**

- Dynamic at 20°C:** 65 s (DIN 3)

- **Solvent content:**

- Organic solvents:** 0.0 %

- **Solids content:** 100.0 %

## \* 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:** Prolonged or repeated contact with skin may cause slight irritation and/or reddening.

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- **on the eye:** Irritation to eyes possible after a long exposure time.
- **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

- **Information about elimination (persistence and degradability):**
- **Other information:** There is no data available for the product.
- **Ecotoxicological effects:**
- **Remark:** There is no data available for the product.
- **General notes:**  
Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water  
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

## \* 13 Disposal considerations

- **Product:**
- **Recommendation** Dispose of in accordance with Local Authority requirements

- **European waste catalogue**

08 00 00	WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS
08 01 00	wastes from MFSU and removal of paint and varnish
08 01 12	waste paint and varnish other than those mentioned in 08 01 11

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

## \* 14 Transport information

- **Land transport ADR/RID (cross-border)**
- **ADR/RID class:** -

- **Maritime transport IMDG:**
- **IMDG Class:** -
- **Marine pollutant:** No

- **Air transport ICAO-TI and IATA-DGR:**
- **ICAO/IATA Class:** -

- **Transport/Additional information:** Not dangerous according to the above specifications.

## \* 15 Regulatory information

- **Labelling according to EU guidelines:**  
Observe the general safety regulations when handling chemicals.  
The product is not subject to identification regulations under EU Directives and the Ordinance on Hazardous Materials (German GefStoffV).

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· **Special labelling of certain preparations:**  
Safety data sheet available for professional user on request.

· **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 1 (Self-assessment): slightly hazardous for water.

· **EU-VOC:** 0.00 %

\* **16 Other information**

The information is based on our current level of knowledge and relates to the product in the state in which it is delivered. It is intended to describe our product from the point of view of safety requirements and is not intended to guarantee any particular property.

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

· **Contact:**

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· \* **Data compared to the previous version altered.**

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