

SAFETY DATA SHEET

Manometer Fluid

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

1.1. Product identifier

Product name Manometer Fluid

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

Identified uses Leak Detector

1.3. Details of the supplier of the safety data sheet

Supplier
Rothenberger UK Ltd
2 Kingsthorpe Park
Henson Way
Kettering,
Northants, NN16 8PX
T: +44 (0) 1536 310300
F: +44 (0) 1536 310600
info@rothenberger.co.uk

1.4. Emergency telephone number

Emergency telephone 44 (0)1536 310300 (Monday to Friday 08.00am-5.30pm)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (EC 1272/2008)

Physical hazards Not Classified

Health hazards Not Classified

Environmental hazards Not Classified

Environmental The product is not expected to be hazardous to the environment.

2.2. Label elements

Hazard statements NC Not Classified

Precautionary statements P102 Keep out of reach of children.
P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P501 Dispose of contents/ container in accordance with local regulations.

Supplemental label information EUH210 Safety data sheet available on request.

2.3. Other hazards

This product does not contain any substances classified as PBT or vPvB.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Manometer Fluid

| | | |
|---|---|---|
| PROPYLENE GLYCOL | | 10-30% |
| CAS number: 57-55-6 | EC number: 200-338-0 | REACH registration number: 01-2119456809-23 |
| Classification Not Classified | Classification (67/548/EEC or 1999/45/EC) - | |

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

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| Inhalation | Consult a physician for specific advice. |
| Ingestion | Rinse mouth thoroughly with water. |
| Skin contact | Wash skin thoroughly with soap and water. |
| Eye contact | Rinse immediately with plenty of water. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues. |

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

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| General information | The severity of the symptoms described will vary dependent on the concentration and the length of exposure. |
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4.3. Indication of any immediate medical attention and special treatment needed

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| Notes for the doctor | Treat symptomatically. |
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SECTION 5: Firefighting measures

5.1. Extinguishing media

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| Suitable extinguishing media | Use fire-extinguishing media suitable for the surrounding fire. |
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5.2. Special hazards arising from the substance or mixture

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| Specific hazards | Thermal decomposition or combustion products may include the following substances: Toxic gases or vapours. |
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5.3. Advice for firefighters

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| Protective actions during firefighting | Cool containers exposed to heat with water spray and remove them from the fire area if it can be done without risk. |
| Special protective equipment for firefighters | Use air-supplied respirator, gloves and protective goggles. Wear chemical protective suit. |

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

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| Personal precautions | Wear protective clothing as described in Section 8 of this safety data sheet. |
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6.2. Environmental precautions

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| Environmental precautions | Do not discharge into drains or watercourses or onto the ground. Contain spillage with sand, earth or other suitable non-combustible material. To prevent release, place container with damaged side up. |
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6.3. Methods and material for containment and cleaning up

Manometer Fluid

Methods for cleaning up Absorb spillage with sand or other inert absorbent. Collect and place in suitable waste disposal containers and seal securely.

6.4. Reference to other sections

Reference to other sections For personal protection, see Section 8. For waste disposal, see Section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions Read and follow manufacturer's recommendations.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions Store in tightly-closed, original container in a dry, cool and well-ventilated place.

7.3. Specific end use(s)

Specific end use(s) The identified uses for this product are detailed in Section 1.2.

SECTION 8: Exposure Controls/personal protection

8.1. Control parameters

Occupational exposure limits

PROPYLENE GLYCOL

Long-term exposure limit (8-hour TWA): WEL 150 ppm 474 mg/m³

WEL = Workplace Exposure Limit

PROPYLENE GLYCOL (CAS: 57-55-6)

| | |
|-------------|---|
| DNEL | Industry - Inhalation; Long term systemic effects: 168 mg/m ³ Industry - Inhalation; Long term local effects: 10 mg/m ³ Consumer - Inhalation; Long term systemic effects: 50 mg/m ³ Consumer - Inhalation; Long term local effects: 10 mg/m ³ |
|-------------|---|

| | |
|-------------|---|
| PNEC | - Fresh water; 260 mg/l - Marine water; 26 mg/l - STP; 20000 mg/l - Sediment (Freshwater); 572 mg/kg - Sediment (Marinewater); 57.2 mg/kg - Soil; 50 mg/kg - Intermittent release; 183 mg/l |
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2-PHENOXYETHANOL (CAS: 122-99-6)

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|-------------|---|
| DNEL | Workers - Dermal; Long term systemic effects: 34.72 mg/kg/day Workers - Inhalation; Long term systemic effects: 8.07 mg/m ³ Workers - Inhalation; Long term local effects: 8.07 mg/m ³ Consumer - Oral; Short term systemic effects: 17.43 mg/kg/day Workers - Inhalation; Long term local effects: 8.07 mg/m ³ Consumer - Dermal; Long term systemic effects: 20.83 mg/kg/day Consumer - Inhalation; Long term systemic effects: 2.5 mg/m ³ Consumer - Oral; Long term systemic effects: 17.43 mg/kg/day Consumer - Inhalation; Long term local effects: 2.5 mg/m ³ |
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PNEC

- Fresh water; 0.943 mg/l
- Water, Intermittent release; 3.44 mg/l
- Marine water; 0.094 mg/l
- STP; 24.8 mg/l
- Sediment (Freshwater); 7.2366 mg/kg
- Sediment (Marinewater); 0.7237 mg/kg
- Soil; 1.26 mg/kg

Methyl 4-Hydroxybenzoate (CAS: 99-76-3)

DNEL

Workers - Dermal; Long term systemic effects: 2.45 mg/kg/day
 Workers - Inhalation; Long term systemic effects: 14.7 mg/m³
 General population - Dermal; Long term systemic effects: 1.23 mg/kg/day
 General population - Oral; Long term systemic effects: 3.62 mg/m³
 General population - Oral; Long term systemic effects: 1.04 mg/kg/day

PNEC

- Fresh water; 0.004 mg/l
- Marine water; 0.0004 mg/l
- STP; 2 mg/l
- Intermittent release; 0.112 mg/l
- Sediment (Freshwater); 0.1264 mg/kg
- Sediment (Marinewater); 0.0126 mg/kg/day
- Soil; 0.0229 mg/kg

8.2. Exposure controls

Personal protection

When using do not smoke

Eye/face protection

Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. The following protection should be worn: Chemical splash goggles.

Hand protection

Use protective gloves.

Other skin and body protection

Provide eyewash station. Wear apron or protective clothing in case of contact.

Hygiene measures

Wash at the end of each work shift and before eating, smoking and using the toilet.

Respiratory protection

Respiratory protection not required.

SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

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| Appearance | Liquid. |
| Colour | Yellow. |
| Odour | Characteristic. |
| pH | 7-8 |
| Flash point | Not applicable. |
| Relative density | ~ 1 |
| Solubility(ies) | Soluble in water. |
| Comments | Information given is applicable to the major ingredient. |

9.2. Other information

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|-------------------|----------------|
| Other information | Not available. |
|-------------------|----------------|

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Volatile organic compound This product contains a maximum VOC content of 0 g/l.

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity Stable at normal ambient temperatures and when used as recommended.

10.2. Chemical stability

Stability Stable at normal ambient temperatures and when used as recommended.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions Does not decompose when used and stored as recommended.

10.4. Conditions to avoid

Conditions to avoid Avoid heat.

10.5. Incompatible materials

Materials to avoid Keep away from oxidising materials, heat and flames.

10.6. Hazardous decomposition products

Hazardous decomposition products Does not decompose when used and stored as recommended. Thermal decomposition or combustion products may include the following substances: Toxic and corrosive gases or vapours.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Inhalation No specific health hazards known.

Ingestion May cause irritation. Symptoms following overexposure may include the following: Stomach pain. Nausea, vomiting. Diarrhoea.

Skin contact Slightly irritating.

Eye contact Irritating to eyes. Symptoms following overexposure may include the following: Redness. Pain.

Acute and chronic health hazards Because of the product's quantity and composition, the health hazard is regarded as low.

Route of entry Skin and/or eye contact

Target organs Eyes Skin

SECTION 12: Ecological Information

Ecotoxicity The product is not expected to be hazardous to the environment.

12.1. Toxicity

Toxicity Not available.

12.2. Persistence and degradability

Persistence and degradability Not available.

12.3. Bioaccumulative potential

Bioaccumulative potential Not available.

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12.4. Mobility in soil

Mobility Not known.

12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB assessment Not available.

12.6. Other adverse effects

Other adverse effects Not available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal methods Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

SECTION 14: Transport information

General The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).

14.1. UN number

Not applicable.

14.2. UN proper shipping name

Not applicable.

14.3. Transport hazard class(es)

No transport warning sign required.

14.4. Packing group

Not applicable.

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant
No.

14.6. Special precautions for user

Not applicable.

14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not applicable.

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

National regulations The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (SI 2009 No. 716).

EU legislation Commission Regulation (EU) No 453/2010 of 20 May 2010.

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Guidance

Workplace Exposure Limits EH40.
CHIP for everyone HSG228.
Safety Data Sheets for Substances and Preparations.
Approved Classification and Labelling Guide (Sixth edition) L131.

15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

SECTION 16: Other information

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|-----------------------------|---|
| Revision comments | Supplemental information added. |
| Revision date | 05/06/2017 |
| Revision | 2 |
| SDS number | 20664 |
| SDS status | Approved. |
| Risk phrases in full | Not classified. R22 Harmful if swallowed. R41 Risk of serious damage to eyes. |

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