

SAFETY DATA SHEET

Leak Detector Fluid



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

1.1. Product identifier

Product name Leak Detector Fluid

Product Codes: PH026, PH026A, PH026M, PH026A5, 664010-IBC, 664011-500

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 Arctic Hayes Ltd
Leeds
West Yorkshire
LS11 5JP
+44 (0) 113 271 5245
sales@arctic-hayes.com

1.4. Emergency telephone number

Emergency telephone +44 (0)113 271 5245 (Monday to Thur: 8:30am to 5pm) (Fri: 8:30am to 4pm)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (EC 1272/2008)

Physical hazards Not Classified
Health hazards Eye Irrit. 2 - H319
Environmental hazards Not Classified

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

2.2. Label elements

Hazard pictograms



Signal word Warning

Hazard statements H319 Causes serious eye irritation.

Precautionary statements P102 Keep out of reach of children.
P501 Dispose of contents/ container in accordance with local regulations.
P301 IF SWALLOWED:
P314 Get medical advice/ attention if you feel unwell.

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

Leak Detector Fluid

SODIUM LAURYL SARCOSINATE			1-5%
CAS number: 137-16-6	EC number: 205-281-5	REACH registration number: 01-2119527780-39	
Classification Acute Tox. 2 - H330 Skin Irrit. 2 - H315 Eye Dam. 1 - H318			

BRONOPOL (INN)			<1%
CAS number: 52-51-7	EC number: 200-143-0	M factor (Acute) = 10	
Classification Acute Tox. 4 - H302 Acute Tox. 4 - H312 Skin Irrit. 2 - H315 Eye Dam. 1 - H318 STOT SE 3 - H335 Aquatic Acute 1 - H400			

The full text for all hazard statements is displayed in Section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

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

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

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

5.1. Extinguishing media

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

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

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.
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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

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

6.2. Environmental precautions

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.

6.3. Methods and material for containment and cleaning up

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

SODIUM LAURYL SARCOSINATE (CAS: 137-16-6)

DNEL General population - Oral; systemic effects: 0.15 mg/kg
General population - Inhalation; : 5 mg/m³

PNEC Fresh water; 29.7 µg/l
marine water; 3 µg/l

2-PHENOXYETHANOL (CAS: 122-99-6)

DNEL Workers - Dermal; Long term systemic effects: 34.72 mg/kg/day
Workers - Inhalation; Long term systemic effects: 8.07 mg/m³
Workers - Inhalation; Long term local effects: 8.07 mg/m³
Consumer - Oral; Short term systemic effects: 17.43 mg/kg/day
Workers - Inhalation; Long term local effects: 8.07 mg/m³
Consumer - Dermal; Long term systemic effects: 20.83 mg/kg/day
Consumer - Inhalation; Long term systemic effects: 2.5 mg/m³
Consumer - Oral; Long term systemic effects: 17.43 mg/kg/day
Consumer - Inhalation; Long term local effects: 2.5 mg/m³

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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

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

Other information	Not available.
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Leak Detector Fluid

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

Acute toxicity - inhalation

ATE inhalation (dusts/mists mg/l) 5.65

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 exposure 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.

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12.3. Bioaccumulative potential

Bioaccumulative potential Not available.

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 EH40/2005 Workplace exposure limits.
The Aerosol Dispensers Regulations 2009 (SI 2009 No. 2824).
The Carriage of Dangerous Goods and Use of Transportable Pressure Equipment Regulations 2009 (SI 2009 No. 1348) (as amended) ["CDG 2009"].

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EU legislation	Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended). Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended). Commission Regulation (EU) No 2015/830 of 28 May 2015.
Guidance	Workplace Exposure Limits EH40. Safety Data Sheets for Substances and Preparations. British Aerosol Manufacturers Code of Practice 7th. Edition 1999 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

Revision comments	Supplemental information added.
Revision date	03/01/2020
Revision	4
SDS number	20665
SDS status	Approved.
Hazard statements in full	H302 Harmful if swallowed. H312 Harmful in contact with skin. H315 Causes skin irritation. H318 Causes serious eye damage. H319 Causes serious eye irritation. H330 Fatal if inhaled. H335 May cause respiratory irritation. H400 Very toxic to aquatic life.

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.