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

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
Glover Way
Leeds
West Yorkshire
LS11 5JP
T+44 (0) 113 271 5245
F+44 (0) 113 271 5779
sales@arctic-hayes.com

1.4. Emergency telephone number
Emergency telephone
+44 (0)113 271 5245

SECTION 2: Hazards Identification

2.1. Classification of the substance or mixture
Classification
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
Pictogram

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

Classification (67/548/EEC or 1999/45/EC)
T;R23. Xi;R38,R41.

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

Classification (67/548/EEC or 1999/45/EC)
Xn;R21/22 Xi;R37/38,R41 N;R50

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
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.

4.3. Indication of any immediate medical attention and special treatment needed
Notes for the doctor Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media
Suitable extinguishing media Use fire-extinguishing media suitable for the surrounding fire.

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.

5.3. Advice for firefighters
Leak Detector Fluid

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
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
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 hands 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.
Leak Detector Fluid

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.

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) 5.08

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.
Leak Detector Fluid

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  Not available.

12.2. Persistence and degradability
Persistence and degradability  Not available.

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.
Leak Detector Fluid

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

SECTION 15: Regulatory information

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

National regulations

EU legislation

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

Revision comments
Supplemental information added.

Revision date
18/01/2016

Revision
2

SDS number
20665

SDS status
Approved.

Risk phrases in full
Not classified.
R22 Harmful if swallowed.
R41 Risk of serious damage to eyes.

Hazard statements in full
H302 Harmful if swallowed.
H312 Harmful in contact with skin.
H315 Causes skin irritation.
H330 Fatal if inhaled.
H335 May cause respiratory irritation.
H318 Causes serious eye damage.
H319 Causes serious eye 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.