

Safety Data Sheet

acc. to OSHA HCS & WHMIS

Printing date 11/07/2019

Reviewed on 11/07/2019

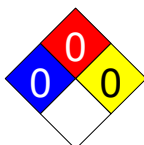
1 Identification

- **Product identifier:**
1LD-E/8OZ, 1LD-E/1G, 1LD-EF/230, 1LD-EF/4L, 1LD-G/230, 1LD-G/4L, 1LD-S/230, 1LD-S/4L, DL1-08, DL1-1G, DL1-5G, DL5-55G
- **Trade name:** HOKE LEAK DETECTIVE TYPE I
- **Item number(s):**
1LD-E/8OZ, 1LD-E/1G, 1LD-EF/230, 1LD-EF/4L, 1LD-G/230, 1LD-G/4L, 1LD-S/230, 1LD-S/4L, DL1-08, DL1-1G, DL1-5G, DL5-55G
- **SDS Number:** 227
- **Manufacturer/Supplier:**
ADDRESS :

HOKE, INC
405 CENTURA COURT
SPARTANBURG, SC 29303
- **Information department:**
PH (864) 574-7966
FAX (864) 574-0988

2 Hazard identification

- **Classification of the substance or mixture:**
The substance is not classified, according to the Globally Harmonized System (GHS).
- **Label elements**
- **GHS label elements** Not Available
- **Signal word:** Not Available
- **Hazard statements:** Not Available
- **NFPA ratings (scale 0 - 4):**



Health = 0
Fire = 0
Reactivity = 0

3 Composition/Information on ingredients

- **Chemical characterization:** Substances
- **CAS No. Description**
7732-18-5 water, distilled, conductivity or of similar purity
- **Identification number(s)**
- **EC number:** 231-791-2
- **Description:** Mixture of the substances listed below with nonhazardous additions.

· **Dangerous components:**

127087-87-0	Nonylphenol, ethoxylated	0.1-1% w/w *
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* Actual concentration ranges are withheld as a trade secret.

4 First aid measures

- **General information:** No special measures required.
- **After inhalation:** Supply fresh air; consult doctor in case of complaints.
- **After skin contact:** Immediately rinse with water.

(Contd. on page 2)

Safety Data Sheet

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Trade name: HOKE LEAK DETECTIVE TYPE I

(Contd. of page 1)

- **After eye contact:** Rinse opened eye for several minutes under running water.
- **After swallowing:** If symptoms persist consult doctor.
- **Most important symptoms and effects, both acute and delayed:**
No further relevant information available.
- **Indication of any immediate medical attention and special treatment needed:**
No further relevant information available.

5 Firefighting measures

- **Suitable extinguishing agents:**
CO₂, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **Special hazards arising from the substance or mixture:** No further relevant information available.
- **Protective equipment:** No special measures required.

6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures:** Not required.
- **Environmental precautions:** Do not allow to enter sewers/ surface or ground water.
- **Methods and material for containment and cleaning up:**
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
- **Reference to other sections:**
No dangerous substances are released.
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

7 Handling and storage

- **Handling**
- **Precautions for safe handling:** No special measures required.
- **Information about protection against explosions and fires:** No special measures required.
- **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:** None.
- **Specific end use(s):** Leak Detection Compound

8 Exposure controls/ Personal protection

- **Additional information about design of technical systems:** No further data; see item 7.
- **Components with limit values that require monitoring at the workplace:** Not required.
- **Additional information:** The lists that were valid during the creation were used as basis.
- **Personal protective equipment**
- **General protective and hygienic measures:**
The usual precautionary measures for handling chemicals should be followed.
- **Breathing equipment:** Not required.
- **Protection of hands:**
The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

(Contd. on page 3)

Safety Data Sheet

acc. to OSHA HCS & WHMIS

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Reviewed on 11/07/2019

Trade name: HOKE LEAK DETECTIVE TYPE I

(Contd. of page 2)

- **Material of gloves:**
Protective gloves not normally required. People with sensitive skin may prefer to wear water-proof gloves, such as rubber or neoprene, to avoid skin contact.
- **Eye protection:** Goggles recommended during refilling.

9 Physical and chemical properties

· Form:	Liquid
· Color:	Colorless
· Odor:	Odorless
· Odor threshold:	Not determined.
· pH-value:	Not determined.
· Change in condition	
Melting point/Melting range:	0 °C
Boiling point/Boiling range:	100 °C
· Flash point:	Not applicable.
· Flammability (solid, gaseous):	Not applicable.
· Decomposition temperature:	Not determined.
· Auto igniting:	Product is not selfigniting.
· Danger of explosion:	Product does not present an explosion hazard.
· Explosion limits	
Lower:	Not determined.
Upper:	Not determined.
· Vapor pressure at 20 °C:	23 hPa
· Density at 20 °C:	0.998 g/cm ³
· Relative density:	Not determined.
· Vapor density at 20 °C:	.610 (AIR=1)
· Evaporation rate at 20 °C:	1.0 (BA=1)
· Solubility in / Miscibility with Water:	Fully miscible.
· Partition coefficient (n-octanol/water):	Not determined.
· Viscosity:	
Dynamic at 20 °C:	0.952 mPas
Kinematic:	Not determined.
VOC content:	0.00 %
	0.0 g/l / 0.00 lb/gal
· Other information	No further relevant information available.

10 Stability and reactivity

- **Thermal decomposition / conditions to be avoided:**
No decomposition if used according to specifications.
- **Possibility of hazardous reactions:** No dangerous reactions known.
- **Conditions to avoid:** No further relevant information available.

(Contd. on page 4)

Safety Data Sheet

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(Contd. of page 3)

- **Incompatible materials:** No further relevant information available.
- **Hazardous decomposition products:** No dangerous decomposition products known.

11 Toxicological information

- **Information on toxicological effects:** No further relevant information available.
- **Acute toxicity**
- **Specific symptoms in biological assay:** No further relevant information available.
- **Primary irritant effect**
- **on the skin:** No irritant effect.
- **on the eye:** No irritating effect.
- **Sensitization:** No sensitizing effects known.
- **Additional toxicological information:**
The product is not subject to classification according to internally approved calculation methods for preparations:
When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.

- **Carcinogenic categories**

- **IARC (International Agency for Research on Cancer)**

None of the ingredients is listed.

- **NTP (National Toxicology Program)**

None of the ingredients is listed.

12 Ecological information

- **Aquatic toxicity:** No further relevant information available.
- **Persistence and degradability:** No further relevant information available.
- **Behavior in environmental systems**
- **Bioaccumulative potential:** No further relevant information available.
- **Mobility in soil:** No further relevant information available.
- **Additional ecological information**
- **General notes:**
Water hazard class 1 (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.
- **Other adverse effects:** No further relevant information available.

13 Disposal considerations

- **Waste treatment methods**
- **Recommendation:** Smaller quantities can be disposed of with household waste.
- **Uncleaned packagings**
- **Recommendation:**
Place in a sealed container and label as waste. Place in a safe area, and comply with all federal, state, provincial and local regulations for disposal.

CA

(Contd. on page 5)

Safety Data Sheet

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Trade name: HOKE LEAK DETECTIVE TYPE I

(Contd. of page 4)

14 Transport information

· UN-Number	
· DOT/TDG, ADR, ADN, IMDG, IATA	Not regulated
· UN proper shipping name	
· DOT/TDG, ADR, ADN, IMDG, IATA	Not regulated
· Transport hazard class(es)	
· DOT, ADR, ADN, IMDG, IATA	
· Class	Not regulated
· Packing group	
· DOT/TDG, ADR, IMDG, IATA	Not regulated
· Environmental hazards:	
· Marine pollutant:	No
· Special precautions for user:	Not applicable.
· Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:	Not applicable.
· UN "Model Regulation":	Not regulated

15 Regulatory information

· Safety, health and environmental regulations/legislation specific for the substance or mixture
· Sara
· Section 355 (extremely hazardous substances):
None of the ingredients is listed.
· Section 313 (Specific toxic chemical listings):
127087-87-0 Nonylphenol, ethoxylated
3251-23-8 copper dinitrate
· TSCA (Toxic Substances Control Act):
All ingredients are listed or exempted
· Proposition 65
· Chemicals known to cause cancer:
None of the ingredients is listed.
· Chemicals known to cause reproductive toxicity for females:
None of the ingredients is listed.
· Chemicals known to cause reproductive toxicity for males:
None of the ingredients is listed.
· Chemicals known to cause developmental toxicity:
None of the ingredients is listed.
· Canadian substance listings
· Canadian Domestic Substances List (DSL/NDL):
All ingredients are listed.
· Canadian Ingredient Disclosure list (limit 0.1%):
None of the ingredients is listed.

(Contd. on page 6)

Safety Data Sheet

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Trade name: HOKE LEAK DETECTIVE TYPE I

(Contd. of page 5)

· Canadian Ingredient Disclosure list (limit 1%):

None of the ingredients is listed.

- **GHS label elements** Not Available
- **Hazard pictograms** Not Available
- **Signal word** Not Available
- **Hazard statements** Not Available

16 Other information

This SDS format meets ANSI Z400.1-1998, OSHA 1910.1200 and WHMIS requirements. Hoke provides the information contained herein in good faith but makes no representation as to its comprehensiveness or accuracy. This document is intended only as a guide to the appropriate precautionary handling of the material by a properly trained person using this product. Product use and conditions of use are beyond the control of Hoke. Warranty of materials is limited to test results of product performance as detailed in certificates of compliance. Interpretation of test results is the responsibility of end-user. No other warranties, expressed or implied, are made.

- **Department issuing SDS:** Product safety department
- **Contact:** Stephen Nowicki
- **Date of the latest revision of the safety data sheet** 11/07/2019 / 1
- **Abbreviations and acronyms:**
 - IMDG: International Maritime Code for Dangerous Goods
 - DOT: US Department of Transportation
 - IATA: International Air Transport Association
 - EINECS: European Inventory of Existing Commercial Chemical Substances
 - ELINCS: European List of Notified Chemical Substances
 - CAS: Chemical Abstracts Service (division of the American Chemical Society)
 - NFPA: National Fire Protection Association (USA)
 - VOC: Volatile Organic Compounds (USA, EU)

CA