

Sherlock Leak Detector Type 1

Safety Data Sheet

USA – According to the OSHA Hazard Communications Standard (HCS) (HAZCOM 2012).

Canada – According to the Hazardous Products Regulations (HPR) (WHMIS 2015).

Date of issue: August 23, 2018 Supersedes: Aug. 10, 2015 Version: 2.0

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

1.1. Product identifier

Product Name: Sherlock Leak Detector Type 1
Product Code: T1
Other means of identification: Type 1
Synonyms: None Known

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

Recommended Use: Leak testing
Recommended Temperature Range: 33 °F to 160 °F
Recommended Shelf Life: 2 years from date of manufacture.

Recommended Use Restrictions: Other than those identified above.

1.3. Details of the supplier of the safety data sheet

Company Name: Winton Products Company Inc.
Company Address: 2500 West Blvd.
Charlotte, NC, 28236
United States of America

Company Telephone Number: 704-399-5151
Company Fax Number: 704-392-5389
Company Email: wintonprod@aol.com
Company Website: <http://www.wintonproducts.com>

1.4. Emergency telephone number

Emergency number: CHEMTREC - 1-800-424-9300 (24h)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (GHS-US, GHS-CA)

This product is not hazardous under the classification criteria established under the US OSHA Hazard Communication Standard (HCS) (HAZCOM2012).
This product is not hazardous under the classification criteria established under Canadian Hazardous Products Regulations (HPR) Workplace Hazardous Materials Information System (WHMIS 2015).
This product is not hazardous under the criteria for Classification established under GHS (Global Harmonization System).

Physical Hazards:

None

Health Hazards:

None

Environmental Hazards:

Not adopted by OSHA (HAZCOM 2012).

Not adopted by WHMIS 2015.

PHNOC (Physical Hazards Not Otherwise Classified): (Canada)

None Known

HHNOC (Health Hazards Not Otherwise Classified): (Canada)

None Known

HNOC (Hazards Not Otherwise Classified): (USA)

None Known

WHMIS Classification:

Not Hazardous under the criteria set forth by WHMIS 1998.

2.2. Label elements

Hazard pictograms: Not Applicable
Signal Word: Not Applicable

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Hazard Statements: Not Applicable

Precautionary statements:

Prevention: Not Applicable

Response: Not Applicable

Storage: Not Applicable

Disposal: Not Applicable

2.3. Other hazards

No additional information available

2.4. Unknown acute toxicity (GHS-US/CA)

Not Applicable

SECTION 3: Composition/information on ingredients

3.1. Substance

Not applicable

3.2. Mixture

Name	CAS Number	Concentration (Wt.%)	Hazard Classification
No hazardous ingredients to report at concentration level relative to mixture classification.	Not Applicable	Not Applicable	Not Applicable

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general:

If in doubt, seek medical advice/attention.

First-aid measures after inhalation:

Remove victim to fresh air and keep at rest in a position comfortable for breathing. If respiratory symptoms or other adverse effects develop after inhalation: get medical advice/attention.

First-aid measures after skin contact:

IF ON SKIN: Wash with plenty of water. If irritation or rash occurs: get medical advice/attention.

First-aid measures after eye contact:

IF IN EYES: Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 15 minutes. If eye irritation occurs: get medical advice/attention.

First-aid measures after ingestion:

IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Call a POISON CENTER or doctor/physician if you feel unwell.

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

Adverse Effects Acute/Delayed:

Inhalation:

No significant effects or symptoms expected.

Skin Contact:

No significant effects or symptoms expected.

Eye Contact:

No significant effects or symptoms expected.

Ingestion:

No significant effects or symptoms expected.

Effects of Chronic Exposure:

No significant effects or symptoms expected.

Medical Conditions Aggravated by Exposure:

No additional information.

4.3. Indication of any immediate medical attention and special treatment needed

Treat Symptomatically.

Notes to Physician

No additional information.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media:

Use extinguishing media appropriate for surrounding fire.

Unsuitable extinguishing media:

Direct water streams.

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5.2. Special hazards arising from the substance or mixture

Hazardous Combustion products: Irritating or Toxic fumes may form during the heat of combustion.

5.3. Advice for firefighters

Firefighting instructions: Use water spray or fog for cooling exposed containers. As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear. Evacuate all non-emergency personnel from area. Irritating or Toxic fumes may form during the heat of combustion.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Evacuate unnecessary personnel. Ventilate area. Wear recommended personal protective equipment (See Section 8). Do not walk through spilled material. Avoid contact with skin, eyes and clothing. Stop leak if able to do so.

6.2. Environmental precautions

Prevent entry to drains, sewer and public waters.

6.3. Methods and material for containment and cleaning up

For containment : Soak up with inert absorbent material and place in a suitable, labeled container for later disposal.

Methods for cleaning up : Wipe up with absorbent material (for example cloth). Thoroughly decontaminate area after spill cleanup.

6.4. Reference to other sections

See Heading 8. Exposure controls and personal protection.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling: Wear recommended personal protective equipment (See Section 8). Provide adequate ventilation in process areas to prevent formation of vapor. Avoid contact with eyes, skin and clothing. Wash thoroughly after handling.

Hygiene measures: Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Keep only in original container. Store in a dry, well-ventilated place out of direct sunlight. Keep container closed when not in use. Try to reduce evaporation. Make sure containers are properly labeled.

Incompatible materials: Strong Bases, Strong Acids

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

This product contains no ingredients with established limits for occupational exposure.

8.2. Exposure controls

Appropriate engineering controls: Not necessary with adequate ventilation.

Personal protective equipment: Contact with any chemical should be avoided.

Hand protection: Wear protective gloves.

Eye protection: Chemical goggles or safety glasses.

Respiratory protection: Wear approved mask.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state: Liquid

Appearance: Clear

Color: Yellow

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Odor:	Odorless
Odor threshold:	Not available
PH:	6.9 – 7.5
Relative evaporation rate (butyl acetate=1):	Not available
Relative evaporation rate (water=1):	3.1
Melting point:	Not available
Freezing point:	32°F, 0°C
Boiling point:	212°F, 100 °C
Flash point:	Not flammable.
Auto-ignition temperature:	Not available
Decomposition temperature:	Not available
Flammability (solid, gas):	Not applicable
Vapor pressure:	17.54 mm Hg
Relative vapor density at 20 °C:	1.1832 (air=1)
Relative density:	1.006 (water=1)
Solubility:	Water: 100 %
Log Pow:	Not available
Log Kow:	Not available
Viscosity, kinematic:	Not available
Viscosity, dynamic:	Not available
Explosive properties:	Not available
Oxidizing properties:	Not available
Explosion limits:	Not available

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

Not reactive under recommended storage and handling conditions.

10.2. Chemical stability

Stable under recommended storage and handling conditions.

10.3. Possibility of hazardous reactions

Hazardous reactions not anticipated under recommended storage and handling conditions.

10.4. Conditions to avoid

Direct sunlight. Extremely high or low temperatures. Incompatible Materials

10.5. Incompatible materials

Strong Bases, Strong Acids, Oxidizing and Reducing Agents, Isocyanates, Nitrosating agents.

10.6. Hazardous decomposition products

During a fire irritating or toxic fumes may be formed.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Principle Routes of Exposure: Ingestion; Inhalation; Skin and eye contact.

Target Organs: Not Applicable

11.2 Symptoms related to the physical, chemical and toxicological characteristics

Acute Effects/Symptoms:

Inhalation: No significant effects or symptoms expected.

Skin Contact: No significant effects or symptoms expected.

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Eye Contact:	No significant effects or symptoms expected.
Ingestion:	No significant effects or symptoms expected.
Delayed Effects/Symptoms:	No significant effects or symptoms expected.

Delayed and immediate effects and chronic effects from short or long-term exposure:

Acute toxicity:	Does not meet the criteria for classification.
Skin corrosion/irritation:	Does not meet the criteria for classification.
Serious eye damage/irritation:	Does not meet the criteria for classification.
Respiratory or skin sensitization:	Does not meet the criteria for classification.
Germ cell mutagenicity:	Does not meet the criteria for classification.
Carcinogenicity:	Does not meet the criteria for classification. This product contains ingredients suspected of being or known to be a carcinogen under OSHA, NTP, IARC and/or NIOSH.
Reproductive toxicity:	Does not meet the criteria for classification.
Specific target organ toxicity (single exposure):	Does not meet the criteria for classification.
Specific target organ toxicity (repeated exposure):	Does not meet the criteria for classification.
Aspiration Hazard:	Does not meet the criteria for classification.

Carcinogenicity				
Component	IARC	NTP	ACGIH	OSHA
Diethanolamine	Group 2B	Not Listed	A3	Not Listed
Cocamide DEA (Condensate)	Group 2B	Not Listed	A4	Not Listed

Toxicity Data (Numerical Values such as Acute Toxicity Data and Irritation Studies):

Based on similar product.

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LD50 oral rat	> 10 ml/kg (Results obtained on a similar product) (0 deaths)
LD50 dermal rabbit	> 21.5 ml/kg (Results obtained on a similar product) (0 deaths)

SECTION 12: Ecological information

12.1. Ecotoxicity (aquatic and terrestrial, where available)

No data on this product.

Ingredient data:

No data available

12.2. Persistence and degradability

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Persistence and degradability	No data available.

12.3. Bioaccumulative potential

Sherlock Leak Detector Type 1	
Bioaccumulative potential	No data available.

12.4. Mobility in soil

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Ecology - soil	No data available.

12.5. Results of PBT and vPvB assessment

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Results – PBT and vPvB	No data available.

12.6. Other adverse effects

None Known

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SECTION 13: Disposal considerations

13.1. Waste treatment methods

Handling for Disposal:	Handle in accordance with good industrial hygiene and safety practice. Refer to protective measures listed in sections 7 and 8.
Methods of Disposal:	Dispose of in accordance with all applicable federal, state, provincial and local regulations.
Empty Container Warning:	Contaminated packaging may contain traces of the product and therefore should be disposed of in the same way as product.

SECTION 14: Transport information

US Department of Transportation (DOT)

Not Regulated for Transport.

Canadian Transportation of Dangerous Goods Act/Regulations (TDG)

Not Regulated for Transport.

IMDG (Transport by sea)

Not Regulated for Transport.

IATA (Air transport)

Not Regulated for Transport.

Environmental Hazards

Marine Pollutant: NO

Special Precautions for User

No additional information.

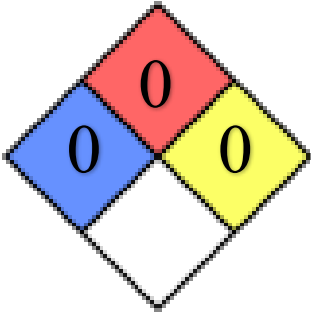
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

No additional information

SECTION 15: Regulatory information

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

The regulatory data in Section 15 is not intended to be all-inclusive, only selected regulations are represented.

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USA OSHA Hazard Communication Standard (According to Federal Register/ Vol. 77, No.58/ Mon Mar 26, 2012/Rules & Regulations)	Not hazardous according to OSHA HCS (HAZCOM 2012).
National Fire Protection Association® (NFPA®) Classification	

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American Coatings Association (ACA)
Hazardous Materials Identification System ®
(HMIS ®) III
Classification

Health	0
Flammability	0
Physical Hazard	0
Personal Protection	X

TSCA: All product ingredients are listed on or exempt from the TSCA inventory.

SARA (Superfund Amendments and Reauthorization Act):

CERCLA RQ (lbs.) Ingredients (>0.1%) No product ingredients listed.

EPCRA 302 Extremely Hazardous (>0.1%): No product ingredients listed.

EPCRA 313 Toxic Chemicals (>0.1%): No product ingredients listed.

USA State Regulation

California Proposition 65 (California Safe Drinking Water and Toxic Enforcement Act):

Prop. 65 Ingredients: Diethanolamine (CAS-No. 111-42-2) (Carcinogen)
Coconut oil diethanolamine condensate (cocamide diethanolamine) (Carcinogen)

State Right To Know Ingredients:

Massachusetts RTK: No product ingredients listed.

Pennsylvania RTK: No product ingredients listed.

New Jersey RTK: No product ingredients listed.

CANADA Federal Regulations

WHMIS 2015: Not hazardous according to WHMIS 2015.

DSL (Domestic Substances List): All product ingredients are released or listed on the Canadian DSL.

15.2. Chemical Safety Assessment

A chemical Safety Assessment has not been carried out on this product.

SECTION 16: Other information

Indication of changes : Revision
Data sources : GHS-US, GHS-CA classification parameters. References available upon request.
Date of Issue: : August 23, 2018

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