# Trade name: SHERLOCK LEAK DETECTOR TYPE 1

## SECTION 1: Identification

**Product identifier used on the label:**
**Product Name:** **Sherlock Leak Detector Type 1**

**Other means of identification:**
**Synonyms:** Type 1
**Product Code Number:** T1

**Recommended use of the chemical and restrictions on use:**
**Recommended use:** Leak Testing.
Recommended Temperature Range: 33 ˚F to 160 ˚F depending on dilution ratio.
Recommended Shelf Life: 2 years from date of manufacture.
**Recommended restrictions:** Uses other than those described above

**Name, address, and telephone number of the chemical manufacturer, importer, or other responsible party:**

**Company Name:** Winton Products Company Inc.
**Company Address:** P.O. Box 36332.
Charlotte, NC, 28236
United States of America

**Company Telephone:** 704-399-5151
**Company Email:** wintonprod@aol.com
**Company Website:** http://www.wintonproducts.com

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

## SECTION 2: Hazard(s) identification

**Classification of the chemical in accordance with paragraph (d) of §1910.1200:**
Not classified as hazardous

**GHS Signal word:** None required

**GHS Hazard statement(s):** None required

**GHS Hazard symbol(s):** None required

**GHS Precautionary statement(s):** None required

**Hazard(s) not otherwise Classified (HNOC):** None known

**Percentage of ingredient(s) of unknown acute toxicity:**
Not applicable

## SECTION 3: Composition/information on ingredients

**Mixture:**

| Chemical name | CAS# | Concentration (weight %) |
|---|---|---|
| No hazardous ingredients to report at concentration level relative to mixture classification | Not applicable | Not applicable |

## SECTION 4: First-aid measures

**Description of necessary measures, subdivided according to the different routes of exposure, i.e., inhalation, skin and eye contact, and ingestion:**

**Inhalation:** Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Oxygen should only be administered by qualified personnel. Seek medical advice.

**Skin contact:** Remove contaminated clothing. Wash with water and soap and rinse thoroughly. Seek medical advice if irritation or pain develops.

**Eye contact:** In case of contact with eyes, flush with copious amounts of water for at least 15 minutes. Assure adequate flushing by separating the eyelids with fingers. Call a physician.

**Ingestion:** Do NOT induce vomiting. If swallowed, wash mouth out with water provided the person is conscious. Follow with plenty of water. NEVER GIVE LIQUIDS TO AN UNCONCIOUS PERSON. Call a physician.

**Most important symptoms/effects, acute and delayed:**
None expected.

**Effects of Chronic Exposure**:
None expected.

**Indication of immediate medical attention and special treatment needed:**
If any symptoms are observed, contact a physician and give them this SDS sheet.

**Notes to Physician**
Treat symptomatically

## SECTION 5: Fire-fighting measures

**Suitable (and unsuitable) extinguishing media:**
**Suitable extinguishing media:** Not combustible. Use water spray, carbon dioxide, dry chemical powder, or appropriate foam as suitable for the surrounding area.
**Unsuitable extinguishing media:** Do not use water jet as an extinguisher, as this will spread the fire.

**Specific hazards arising from the chemical (e.g., nature of any hazardous combustion products):**
Hazardous combustion products may include the following substances: Carbon monoxide, carbon dioxide, irritating or toxic substances.

**Special protective equipment and precautions for fire-fighters:**
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 substances may be released during a fire including carbon oxides and nitrogen oxides. In addition, wear other appropriate protective equipment as conditions warrant (see Section 8).

## SECTION 6: Accidental release measures

**Personal precautions, protective equipment and emergency procedures:**
No action shall be taken involving any personal risk or without suitable training. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through the spilled material. Avoid breathing vapor or mist. Minimize contact with skin or eyes. Provide adequate ventilation. Wear appropriate protective equipment, as conditions warrant (see Section 8).
See Sections 2 and 7 for additional information on hazards and precautionary measures.

**Environmental Precautions:**
Stop spill/release if it can be done safely. Prevent spilled material from entering sewers, storm drains, other unauthorized drainage systems, and natural waterways. If spill occurs on water notify appropriate authorities.

**Methods and material for containment and cleaning up:**
Stop leak if without risk. Move containers from spill area. Prevent entry into sewers, water courses, basements or confined areas.
Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations. Thoroughly decontaminate area after spill cleanup. Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product.
See Section 1 for emergency contact information and Section 13 for waste disposal.

## SECTION 7: Handling and storage

**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.

Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse.

**Conditions for safe storage, including any incompatibles:**
Keep only in original container. Keep container closed when not in use. Make sure containers are properly labeled.
Recommended Temperature Range: 33 ˚F to 160 ˚F depending on dilution ratio.
Recommended Shelf Life: 2 years from date of manufacture
Incompatible materials: Strong bases, strong acids, oxidizing and reducing agents, isocyanates, nitrosating agents.

## SECTION 8: Exposure controls/personal protection

**OSHA permissible exposure limit (PEL), American Conference of Governmental Industrial Hygienists (ACGIH) Threshold Limit Value (TLV), and any other exposure limit used or recommended by the chemical manufacturer, importer, or employer preparing the safety data sheet, where available.**

| Substance | OSHA PEL | ACGIH TLV | NIOSH IDLH |
|---|---|---|---|
| This product contains no ingredients with established occupational exposure limits | Not applicable | Not applicable | Not applicable |

**Appropriate engineering controls:**
Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits.
If exposure limits have not been established, maintain airborne levels to an acceptable level.
Provide eyewash station. Eye wash fountain and emergency showers are recommended.
Concentrations should be monitored hazardous substances in the workplace in accordance with recognized test methods. Mode, method, type and frequency of testing and measurement of harmful factors in the working environment should meet the requirements of local/regional/national laws.

**Individual protection measures, such as personal protective equipment:**

**Eye/face protection:** Wear safety glasses, safety glasses with side shields or safety goggles. Use equipment for eye protection tested and approved under NIOSH standards.

**Skin and hand protection:** Wear appropriate protective gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices.
Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling

this product. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: Chemical resistant apron.

**Respiratory protection:** No protective equipment is needed under normal use conditions. If risk assessment shows potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use. Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multi-purpose combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

**General hygiene considerations:** Wear safety shoes. Wear rubber boots to clean up a spill. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace. Wash hands after use.

## SECTION 9: Physical and chemical properties

| | |
|---|---|
| **Appearance (physical state, color, etc.):** | |
| **Physical state:** | Liquid. |
| **Color:** | Yellow |
| **Odor:** | Odorless |
| **Odor threshold:** | Not determined |
| **pH:** | 6.9 – 7.5 |
| **Melting point/freezing point:** | 32 °F, 0 °C |
| **Initial boiling point and boiling range:** | 212 °F, 100 °C |
| **Flash point:** | Not flammable |
| **Evaporation rate:** | Not determined |
| **Flammability (solid, gas):** | Not applicable. |
| **Upper/lower flammability or explosive limits** | |
| **Flammability limit – lower %):** | Not determined |
| **Flammability limit – upper (%):** | Not determined |
| **Explosive limit – lower (%):** | Not determined |
| **Explosive limit – upper (%):** | Not determined |
| **Vapor pressure:** | 17.54 mm Hg |
| **Vapor density:** | 1.1832 (air=1) |
| **Relative density:** | 1.006 (water=1) |
| **Solubility (ies):** | 100% in water. |
| **Partition coefficient (n-octanol/water):** | Not determined |
| **Auto-ignition temperature:** | Not determined |
| **Decomposition temperature:** | Not determined |
| **Viscosity (dynamic):** | Not determined |

## SECTION 10: Stability and reactivity

| | |
|---|---|
| **Reactivity:** | Not reactive under recommended storage and handling conditions. |
| **Chemical stability:** | Stable under recommended storage and handling conditions. |
| **Possibility of hazardous reactions:** | Hazardous reactions not anticipated under recommended storage and handling conditions. |
| **Conditions to avoid:** | Direct sunlight. Extremely high or low temperatures. Incompatible Materials. |
| **Incompatible materials:** | Strong bases, strong acids, oxidizing and reducing agents, isocyanates, nitrosating agents. |
| **Hazardous decomposition Products:** | During a fire, irritating or toxic fumes may be formed. |

## SECTION 11: Toxicological information

**Information on likely routes of exposure:**

**Inhalation:** Expected to be a route of exposure
**Ingestion:** Expected to be a route of exposure
**Skin:** Expected to be a route of exposure
**Eyes:** Expected to be a route of exposure

**Target Organs:** Not applicable

**Symptoms related to the physical, chemical, and toxicological characteristics:**
None expected.

**Delayed and immediate effects and chronic effects from short or long-term exposure:**
None expected.

**Numerical measures of toxicity (such as acute toxicity estimates):**
Does not meet the criteria for classification

| Substance | Test Type (species) | Value |
|---|---|---|
| Based on a similar product | $LD_{50}$ Oral (Rat) | > 10 ml/kg |
| | $LD_{50}$ Dermal (Rabbit) | > 21.5 ml/kg |
| | $LC_{50}$ Inhalation (Rat) | None known |

| | |
|---|---|
| **Acute toxicity:** | Does not meet the criteria for classification |
| **Skin corrosion/irritation:** | Does not meet the criteria for classification. |
| **Serious eye damage/eye irritation:** | Does not meet the criteria for classification. |
| **Respiratory sensitization:** | Does not meet the criteria for classification |
| **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. |
| **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-Repeat exposure:** | Does not meet the criteria for classification |
| **Aspiration hazard:** | Does not meet the criteria for classification |

**Whether the hazardous chemical is listed in the National Toxicology Program (NTP) Report on Carcinogens (latest edition) or has been found to be a potential carcinogen in the International Agency for Research on Cancer (IARC) Monographs (latest edition), or by OSHA:**

| Component | IARC | NTP | ACGIH | OSHA |
|---|---|---|---|---|
| Cocoamide DEA | Group 2B - Possibly Carcinogenic to Humans | Not Listed | A4 - Not classifiable as a human carcinogen | Not Listed |
| Diethanolamine | Group 2B - Possibly Carcinogenic to Humans | Not Listed | A3 - Animal Carcinogen | Not Listed |

### SECTION 12: Ecological information

**Ecotoxicity (aquatic and terrestrial, where available):**
No data on this product.

**Persistence and Degradability:**
No data available for this product

**Bioaccumulative Potential:**
No data available for this product

**Mobility in Soil:**
No data available for this product

**Other adverse effects (such as hazardous to the ozone layer):**
None known

### SECTION 13: Disposal considerations

**Description of waste residues and information on their safe handling and methods of disposal, including the disposal of any contaminated packaging.**

**Product**
Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. Chemical waste generators must also consult local, regional, and national hazardous waste regulations to ensure complete and accurate classification Dispose via a licensed waste disposal contractor. Observe all federal, state/provincial

and municipal regulations.

**Contaminated packaging**
Since emptied containers retain product residue, follow label warnings even after container is emptied. Empty containers should be properly labeled to supplier or everywhere there is a recovery program.

## SECTION 14: Transport Information

**US Department of Transportation Classification (49CFR)**
Not Regulated for Transport.

**IMDG (Transport by sea)**

Not Regulated for Transport

**IATA (Country variations may apply)**
Not Regulated for Transport

**Environmental hazards**
Marine pollutant: No

**Transport in bulk (according to Annex II of MARPOL 73/78 and the IBC Code)**
No additional information.

**Special precautions which a user needs to be aware of, or needs to comply with, in connection with transport or conveyance either within or outside their premises.**
No additional information

## SECTION 15: Regulatory Information

**USA:**

**United States Federal Regulations:** This SDS complies with the OSHA, 29 CFR 1910.1200. The product is not classified as hazardous under OSHA.

**Toxic Substances Control Act (TSCA)** – All substances in this product are listed, as required, or are exempt from the TSCA inventory.

**CERCLA RQ (lbs) Ingredients (> 0.1%):**
None listed

**SARA Superfund and Reauthorization Act of 1986 Title III sections 302, 311, 312 and 313:**
**Section 302 Extremely Hazardous Substance (40 CFR 355, Appendix A) (> 0.1%):**
None listed.

**Section 311/312 (40 CFR 370) (> 0.1%):**
None listed.

**Section 313 Toxic Release Inventory (40 CFR 372) (> 0.1%):**
None listed

**STATE REGULATIONS:**

This SDS contains specific health and safety data is applicable for state requirements. For details on your regulatory requirements you should contact the appropriate agency in your state.

**California Proposition 65 (California Safe Drinking Water and Toxic Enforcement Act of 1986:**
Diethanolamine (CAS-No. 111-42-2) (Carcinogen)
Coconut oil diethanolamine condensate (cocamide diethanolamine) (Carcinogen)

**Massachusetts Right to Know:**
None listed

**New Jersey Right to Know:**
None listed

**Pennsylvania Right to Know:**
None listed

## SECTION 16: Other Information

**Revision Date**: Jan 20th 2022

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