

Winton Products Co., Inc.	SAFETY DATA SHEET	
SHERLOCK LEAK DETECTOR TYPE 1	11th Oct 2022	Page 1 of 9

Complying with Regulation (EC) No 1272/2008 (CLP) as amended by Commission Regulation (EU) 2020/878

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

1.1 Product identifier

Product name: **SHERLOCK LEAK DETECTOR TYPE 1**

Other means of identification:

Synonyms: Type 1

Product Codes: T1

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

Relevant identified uses: Industrial leak testing product. For Professional use only.

Uses advised against: Uses other than those described above.

1.3 Details of the supplier of the safety data sheet

Company Name: Winton Products Company Inc.
 Company Address: 2500 West Blvd., 28236 Charlotte
 United States.
 Company Tel: 704-399-5151
 Company Fax: 704-392-5389
 Website: www.wintonproducts.com

Supplied by:
Sil-Mid Limited
 Roman Park, Roman Way
 Coleshill, West Midlands
 B46 1HG, UK
 T: 01675 432850
 E: info@silmid.com
Emergency Telephone No. +44 (0)1675 432850
 (Monday to Friday, 08:00 – 17:30 – GMT)

1.4 Emergency telephone number

Emergency telephone number (including hours of operation): 1-704-399-5151
 8am-5pm (Monday-Thursday), 8am-4pm (Friday) (Eastern Time)

Poison Centre Information (FRANCE):

Numéro ORFILA (INRS) : + 33 (0)1 45 42 59 59

Ces centres anti-poison et de toxicovigilance fournissent une aide médicale gratuite (hors coût d'appel), 24 heures sur 24 et 7 jours sur 7.

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Classification in accordance to Regulation (EC) No. 1272/2008 (CLP/GHS)

Product name	GHS Classification
SHERLOCK LEAK DETECTOR TYPE 1	Not classified as hazardous

2.2 Label elements

Labelling in accordance with Regulation 1272/2008

Hazard pictograms: None required

Signal word: Not applicable

Hazard statements: None required

Precautionary Statements: None required

Supplemental Hazard Statements: None required

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2.3 Other hazards

This substance/mixture does not contain any components at concentrations of > 0.1%, which are considered to be an endocrine-disrupting substance.

No components are classified as persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances :

Not applicable

3.2 Mixture :

There are no ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

Nanoforms present in product: Not applicable

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures

Eye contact: In case of eye contact, remove any contact lenses and flush for at least 15 minutes. If eye irritation develops, consult a specialist.

Skin contact: Wash off with warm water and soap, Get medical attention if irritation develops and persists, Remove and wash contaminated clothing before re-use.

Inhalation: Move to fresh air, Get medical attention immediately if symptoms occur.

Ingestion: Clean mouth with water and afterwards drink plenty of water. Do NOT induce vomiting.

4.2 Most important symptoms and effects, both acute and delayed

None expected.

4.3 Indication of any immediate medical attention and special treatment needed

If any symptoms are observed, contact a physician and give them this SDS sheet. Provide general supportive measures and treat symptomatically:

SECTION 5: FIREFIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media: In case of fire: Use water spray (fog), carbon dioxide (CO₂), dry chemical powder or foam to extinguish. Use an extinguishing agent suitable for the surrounding fire.

Unsuitable extinguishing media: None known.

5.2 Special hazards arising from the substance or mixture

Not expected to be flammable but may irritate fumes. In the case of a fire, take into account the surrounding area.

Hazardous combustion products:

Carbon dioxide, carbon monoxide, sulphur oxides.

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5.3 Advice for firefighters

Move containers from fire area if you can do it without risk. Cool containers with flooding quantities of water until well after fire is out. Isolate the hazard area and deny entry to unnecessary and unprotected personnel. Keep out of drains, sewers, ditches and waterways. Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Wear self-contained breathing apparatus and protective clothing. In addition, wear other appropriate protective equipment as conditions warrant (see Section 8).

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

No action shall be taken involving any personal risk or without suitable training. Keep unnecessary and unprotected personnel from entering.

For emergency responders

Avoid contact with the skin and the eyes. Avoid breathing vapours, mist or gas. Wear appropriate protective equipment, such as gloves, goggles and protective clothing, as conditions warrant (see Section 8).

6.2 Environmental precautions

Avoid disposal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air). Water polluting material. May be harmful to the environment if released in large quantities. Collect spillage.

6.3 Methods and materials for containment and cleaning up

Use appropriate containment (of product and firefighting water) to avoid environmental contamination. Absorb spill with inert material and place in suitable container for disposal.

6.4 Reference to other sections

See Section 1 for emergency contact information.
 See Section 7 for information on safe handling.
 See Section 8 for information on personal protection equipment.
 See Section 13 for disposal information.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling

Use only with adequate ventilation. Wear appropriate personal protective equipment and use exposure controls as indicated in Section 8. Avoid contact with skin and eyes. Remove contaminated clothing. Wash with soap and water after working with this product.
 Handling temperature: >1.6 °C

7.2 Conditions for safe storage, including any incompatibilities

Keep only in the original container in a cool, well ventilated place away from direct sunlight. Keep container closed when not in use. Store away from strong bases, strong acids and sources of ignition.
 Storage temperature: >1.6 °C

7.3 Specific end use(s):

Apart from the uses mentioned in section 1.2 no other specific uses are stipulated.

SECTION 8: EXPOSURE CONTROL / PERSONAL PROTECTION

8.1 Control parameters

Occupational exposure limit values:

None known

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Monitoring procedures: Use methods described in European Standards.

Derived No Effect Level (DNEL):

Not applicable

Predicted No Effect Concentration (PNEC):

Not applicable

8.2 Exposure controls

Appropriate Engineering Measures

In case of a hazardous material with no controlled concentration limit it is the employer's duty to keep concentration levels down to a minimum achievable by existing scientific and technological means, where the hazardous substance poses no harm to workers. Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Ensure adequate ventilation to keep airborne concentrations low. Do not empty waste into water drains.

Individual protection measures, such as personal protective equipment:

Eye and face protection: Wear safety glasses, safety glasses with side shields or safety goggles. Use equipment for eye protection tested and approved under EN 166.

Skin protection:

Hand protection: Wear appropriate chemical resistant gloves. The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material cannot be calculated in advance and has therefore to be checked prior to the application.

Penetration time of glove material: The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

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. The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.

Other skin protection: Not required under normal conditions of use. Wash hands after use.

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).

Thermal hazards: None known.

Environmental exposure controls: Prevent further leakage or spillage if safe to do so. Prevent product from entering drains or water systems.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES
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9.1 Information on basic physical and chemical properties

Physical State: Liquid.

Colour: Clear, yellow

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Odour and odour threshold:	Odourless
Melting point/Freezing point:	0 °C
Boiling point or initial boiling point and boiling range:	100 °C
Flammability:	Not flammable
Lower and upper explosion limit::	
Lower (%):	Not Determined
Upper (%):	Not Determined
Flash point:	Not Determined
Auto-ignition temperature:	Not Determined
Decomposition temperature:	Not Determined
Evaporation rate:	1 (water = 1)
pH:	6.9 – 7.5.
Kinematic viscosity:	Not Determined
Solubility:	in water: 100 %
Partition coefficient	
n-octanol/water (log value):	Not Determined
Vapour pressure:	17.54 mm Hg
Density and/or relative density:	1.006 (water = 1)
Relative vapour density:	1.1832 (20 °C, air = 1)
Decomposition temperature:	Not Determined
Particle characteristics:	Not Determined

9.2 Other information:

Information with Regard to	
Physical Hazard Classes:	None known
Other Safety Characteristics:	None known

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity

This product is not expected to be reactive under recommended handling and storage conditions.

10.2 Chemical stability

Material is 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

10.6 Hazardous Decomposition products:

During a fire, irritating or toxic fumes may be formed, such as carbon oxides and sulphur oxides

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity: Based on available data, the classification criteria are not met.

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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

Skin corrosion/irritation:	Based on available data, the classification criteria are not met.
Serious eye damage/eye irritation:	Based on available data, the classification criteria are not met.
Respiratory or skin sensitization:	Based on available data, the classification criteria are not met.
Germ cell mutagenicity:	Based on available data, the classification criteria are not met.
Carcinogenicity:	Based on available data, the classification criteria are not met.
Reproductive toxicity:	Based on available data, the classification criteria are not met.
STOT – Single exposure:	Based on available data, the classification criteria are not met.
STOT – Repeat exposure:	Based on available data, the classification criteria are not met.
Aspiration hazard:	Based on available data, the classification criteria are not met.
11.2 Information on other hazards:	
Endocrine disrupting properties:	None of the components have endocrine disrupting properties
Information on other hazards:	None known

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity:

Based on available data, the classification criteria are not met.

12.2 Persistence and Degradability:

No data available for this product

12.3 Bioaccumulative potential:

No data available for this product

12.4 Mobility in soil:

No data available for this product

12.5 Results of PBT and vPvB assessment:

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

12.6 Endocrine disrupting properties

None known.

12.7 Other adverse effects:

Avoid release to the environment.

SECTION 13: DISPOSAL CONSIDERATIONS

**13.1 Waste treatment methods:
Methods of disposal**

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The generation of waste should be avoided or minimised wherever possible. Disposal of this product, solutions and any by-products should comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction.

Hazardous Waste

The classification of the product may not meet the criteria for a hazardous waste.

Contaminated packaging – methods of disposal

The generation of waste should be avoided or minimised wherever possible. Waste packaging should be recycled. Incineration or landfill should only be considered where recycling is not feasible.

Special precautions

This material and its container must be disposed of in a safe way. Care should be taken when handling empty containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid disposal of spilt material and runoff and contact with soil, waterways, drains and sewers.

SECTION 14: TRANSPORT INFORMATION

International transport regulations

14.1 UN number:

ADR/RID/ADN: Not applicable IMDG: Not applicable IATA: Not applicable

14.2 Proper shipping name:

ADR/RID/ADN: Not regulated for transport

IMDG: Not regulated for transport

IATA: Not regulated for transport

14.3 Transport hazard class(es)

ADR/RID/ADN: Not applicable IMDG: Not applicable IATA: Not applicable

14.4 Packing group

ADR/RID/ADN: Not applicable IMDG: Not applicable IATA: Not applicable

14.5 Environmental hazard

Marine Pollutant: Not expected

Additional information:

ADR/RID/ADN: Not applicable

IATA: Not applicable

IMDG: Not applicable

14.6 Special precautions for user

Transport within user's premises: always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

14.7 Maritime transport in bulk according to IMO instruments

Not applicable

Section 15: REGULATORY INFORMATION

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

This safety datasheet complies with the requirements of:
 EU Commission Regulation (EU) 2020/878 (REACH)
 EU Regulation (EC) No 1272/2008 (CLP)

EINECS: All components in this product are listed on the European Inventory of Existing Chemical Substance

Annex XIV - List of substances subject to authorisation

None known

15.2 Chemical safety assessment

For this product a chemical safety assessment was not carried out on this product.

Section 16: OTHER INFORMATION

Full text of H and P-Statements referred to under sections 2 and 3.

Not applicable

Training advice: Before using/handling the product one must read carefully present SDS.

Procedure used to derive the classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]

Based on the calculation method carried out on the basis of the known hazards of the components, not considered as a hazardous mixture.

Abbreviations and acronyms:

ADR:	Accord européen sur le transport des marchandises dangereuses par Route (European)
CAS:	Chemical Abstracts Service (division of the American Chemical Society)
CLP:	Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures
DNEL:	Derived No Effect Level
EC50:	Half maximal effective concentration
EINECS:	European Inventory of Existing Commercial Chemical Substances
EU:	European Union
GHS:	Globally Harmonized System of Classification and Labeling of Chemicals
IATA:	International Air Transport Association
IBC:	International Bulk Code
IMDG:	International Maritime Code for Dangerous Goods
IOELV:	Indicative Occupational Exposure Limit Value
LC50:	Lethal concentration, 50 percent
LD50:	Lethal dose, 50 percent
MARPOL:	International Convention for the Prevention of Pollution from Ships
OEL:	Occupational Exposure Level
PBT:	Persistent, Bioaccumulative and Toxic
PNEC:	Predicted No Effect Level
REACH:	Registration, Evaluation, Authorisation and Restriction of Chemicals
SCBA:	Self Contained Breathing Apparatus
SCL:	Specific Concentration Limits
UN:	United Nations
VPvB:	Very Persistent and very Bioaccumulative
WEL:	Workplace Exposure Limit

Document history

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DISCLAIMER: This safety data sheet had been prepared on the basis of information provided by the manufacturer/supplier and conform to the relevant regulations. The information, data and recommendations contained herein are provided in good faith, obtained from reliable sources and believed to be true and accurate as of the date issued; however, no representation is made as to the comprehensiveness of the information. The SDS shall be used only as a guide for handling the product; in the course of handling and using the product other considerations may arise or be required. Users are cautioned to determine the appropriateness and applicability of the above information to their particular circumstances and purposes and assume all risk associated with the use of this product.

It is the responsibility of the user to fully comply with local, national and international regulations concerning the use of this product.