Winton Products Co., Inc.

Sherlock Leak Detector Regular

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 22, 2018 Supersedes: 090615 Version: 2.0

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

1.1. Product identifier

Product Name:	Sherlock Leak Detector Regular
Product Code:	REG
Other means of identification:	Regular
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)

Classification of the substance/mixture in accordance with US OSHA Hazard Communication Standard (HCS) (HAZCOM 2012) and Canadian Hazardous Products Regulations (HPR) Workplace Hazardous Materials Information System (WHMIS 2015).

Physical Hazards:

None

Health Hazards:

Eye Irritation – Category 2

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:

D2B (WHMIS 1998)

2.2. Label elements

Hazard pictograms:

GHS07

Signal Word: Warning

Hazard Statements: H319 - Causes serious eye irritation.

Precautionary statements:

Prevention: P264 – Wash thoroughly after handling.
P280 – Wear protective gloves/protective clothing/eye protection/face protection.

Response: P305+P351+P338 - IF IN EYES: Rinse with water for several minutes. Remove contact lenses if present and easy to do - continue rinsing.
P337+P313 – If eye irritation persists: Get medical advice/attention.

Storage: No GHS Storage Statements

Disposal: No GHS Disposal Statements

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
Sodium dodecylbenzene sulfonate	25155-30-0	<1.5	Acute Tox. Oral 4:H302 Skin Irrit. 2:H315 Eye Dam. 1:H318
COCAMIDE DEA	68603-42-9	< 0.4	Eye Dam. 1, H318 Skin Irrit. 2 :H315
2,2'-iminodiethanol, diethanolamine	111-42-2	< 0.4	Acute Tox. Oral 4:H302 Skin Irrit. 2, H315 Eye Dam. 1:H318 STOT RE 2:H373

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 persists: 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:	May cause skin irritation. Symptoms include: redness, itching, inflammation and rash.
Eye Contact:	Causes eye irritation. Symptoms include: redness, tearing, inflammation, burning and itching.
Ingestion:	No significant effects or symptoms expected.
Effects of Chronic Exposure:	This product contains diethanolamine at a very low concentration (<0.4%). Chronic, prolonged or repeated exposure to diethanolamine causes damage to organs (kidneys, liver, blood).
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.

5.2. Special hazards arising from the substance or mixture

Hazardous Combustion products:	Irritating substances may be released during a fire including: Carbon Oxides.

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 substances may be released during a fire including: Carbon Oxides and Nitrogen Oxides.

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. Avoid breathing mist/vapors/gases/spray. 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 breathing dust/fume/gas/mist/vapors/spray. 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. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse.

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. Make sure containers are properly labeled. Store above 35 ˚F (2 C˚).

Incompatible materials: Strong bases. strong acids, oxidizing and reducing agents, isocyanates, nitrosating agents.

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Sodium dodecylbenzene sulfonate (25155-30-0)	
ACGIH TLV	Established Limits for Occupational Exposure.
OSHA PEL	Established Limits for Occupational Exposure.
NIOSH PEL	No Established Limits for Occupational Exposure.

Diethanolamine (111-42-2)		
ACGIH TLV	TWA	1 mg/m3 (inhalable fraction and vapor)
OSHA PEL	California OSHA PEL - TWA	0.46 PPM (2 mg/m3)
NIOSH REL	TWA	3 ppm (15 mg/m3)

COCAMIDE DEA (68603-42-9)	
ACGIH TLV	No Established Limits for Occupational Exposure.
OSHA PEL	No Established Limits for Occupational Exposure.
NIOSH REL	No Established Limits for Occupational Exposure.

8.2. Exposure controls

Appropriate engineering controls: Not necessary with adequate ventilation.

Personal protective equipment: Protective clothing should be selected specifically for the workplace, depending on concentration and quantity of the hazardous substances handled. The chemical resistance of the protective equipment should be inquired at the respective supplier.

Hand protection: Chemical-resistant 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.

Skin and Body protection: 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.

Eye protection: Wear eye/face protection. Wear as appropriate: Safety glasses, safety glasses with side shields, safety goggles.

Respiratory protection: Based on the hazard and 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).

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state: Liquid

Appearance: Clear

Color: Green

Odor: Characteristic

Odor threshold:	Not available
PH:	Not available
Relative evaporation rate (butyl acetate=1):	Not available
Relative evaporation rate (water=1:)	3.1
Melting point:	Not available
Freezing point:	Not available
Boiling point:	215°F, 102 °C
Flash point:	>100°C
Auto-ignition temperature:	Not available
Decomposition temperature:	Not available
Flammability (solid, gas):	Not applicable
Vapor pressure:	17.5 mm Hg
Relative vapor density at 20 °C:	1.18 (air=1)
Relative density:	1.014 (water = 1)
Density:	Not available
Solubility:	Water: 100 %
Log Pow:	No data available
Log Kow:	No data available
Viscosity, kinematic:	No data available
Viscosity, dynamic:	No data available
Explosive properties:	No data available.
Oxidizing properties:	No data available.
Explosion limits:	No data 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 and toxic substances will be released including: Carbon Oxides and Nitrogen Oxides.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

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

11.2 Symptoms related to the physical, chemical and toxicological characteristics

Acute Effects/Symptoms:

Inhalation: No significant effects or symptoms expected.

Skin Contact:	May cause mild skin irritation. Symptoms include: redness, itching, inflammation and rash.
Eye Contact:	Causes eye irritation. Symptoms include: redness, tearing, inflammation, burning and itching.
Ingestion:	No significant effects or symptoms expected.
Delayed Effects/Symptoms:	This product contains diethanolamine. Chronic, prolonged or repeated exposure to diethanolamine causes damage to organs (kidneys, liver, blood).

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:	Causes serious eye irritation.
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 does contain 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 met 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):

Sodium dodecylbenzene sulfonate (25155-30-0)	
LD50 oral rat	438 mg/kg
LC50 inhalation	0.31 mg/L (4 hr.)
LD50 intravenous mouse	105 mg/kg

Diethanolamine (111-42-2)	
LD50 oral rat	620uL/kg
LD50 dermal rabbit	7640uL/kg
LC50 inhalation rat (mg/l)	Not available

Cocamide DEA (68603-42-9)	
LD50 oral rat	12400 µl/kg
LD50 dermal rabbit	Not available
LC50 inhalation rat (mg/l)	Not available

SECTION 12: Ecological information

12.1. Ecotoxicity (aquatic and terrestrial, where available)

No data on this product.

Ingredient data:

Sodium dodecylbenzene sulfonate (25155-30-0)	
LC50 fish	3.2 – 5.6 mg/L (96 hr.) Oncorhynchus mykiss (rainbow trout)
EC50 Daphnia	6.3 mg/L (48 hr.) Daphnia magna (water flea)

Diethanolamine (111-42-2)	
LC50 fish	>100 mg/L/96h (Static) – Oncorhynchus mykiss (rainbow trout)
EC50 Daphnia	> 10 - 100 mg/L/48h – Daphnia Magna (Water flea)
EC50 Algae	>1 - 10 mg/L/96h – Pseudokirchneriella subcapitata (green algae)
NOEC chronic Daphnia	1.05 mg/L/21d, (Semi-Static)

12.2. Persistence and degradability

Sherlock Leak Detector Regular	
Persistence and degradability	No data available.

12.3. Bioaccumulative potential

Sherlock Leak Detector Regular	
Bioaccumulative potential	No data available.

12.4. Mobility in soil

Sherlock Leak Detector Regular	
Ecology - soil	No data available.

12.5 Results of PBT and vPvB assessment

Sherlock Leak Detector Regular	
Results – PBT and vPvB	No data available.

12.6. Other adverse effects

None Known

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.

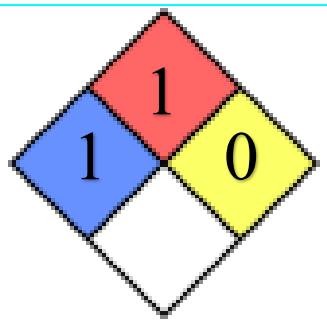
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

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.

Sherlock Leak Detector Regular	
USA OSHA Hazard Communication Standard (According to Federal Register/ Vol. 77, No.58/ Mon Mar 26, 2012/Rules & Regulations)	Classified as a hazardous product. See Section 2 for details.
National Fire Protection Association® (NFPA®) Classification	
American Coatings Association (ACA) Hazardous Materials Identification System ® (HMIS ®) III Classification	Health 1 Flammability 1 Physical Hazard 0 Personal Protection C

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%) Sodium dodecylbenzene sulfonate (CAS-No. 25155-30-0) RQ: 1000 lbs.
Diethanolamine (CAS-No. 111-42-2) RQ: 100 lbs.

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

EPCRA 313 Toxic Chemicals (>0.1%): Sodium dodecylbenzene sulfonate (CAS-No. 25155-30-0)
Diethanolamine (CAS-No. 111-42-2)

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: Sodium dodecylbenzenes sulfonate (CAS-No. 25155-30-0)
Diethanolamine (CAS-No. 111-42-2)

Pennsylvania RTK: Sodium dodecylbenzenes sulfonate (CAS-No. 25155-30-0)
Diethanolamine (CAS-No. 111-42-2)

New Jersey RTK: Sodium dodecylbenzenes sulfonate (CAS-No. 25155-30-0)
Diethanolamine (CAS-No. 111-42-2)

CANADA Federal Regulations

WHMIS 2015: 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 22, 2018

DISCLAIMER OF LIABILITY:
The information in this SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This SDS was prepared and is to be used only for this product. If the product is used as a component in another product, this SDS information may not be applicable.

Full text of H-phrases:

Acute Tox. 4 (Oral)	Acute toxicity (oral) Category 4
Eye Dam. 1	Serious eye damage/eye irritation Category 1
Eye Irrit. 2	Serious eye damage/eye irritation Category 2
Skin Irrit. 2	Skin corrosion/irritation Category 2
STOT RE 2	Specific target organ toxicity (repeated exposure) Category 2
STOT SE 2	Specific target organ toxicity (single exposure) Category 2
H302	Harmful if swallowed
H315	Causes skin irritation
H318	Causes serious eye damage
H319	Causes serious eye irritation
H320	Causes eye irritation
H373	May cause damage to organs through prolonged or repeated exposure