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

1.1. Product identity

Product form : Mixture
Product name : Sherlock Leak Detector Regular
Product code : REG
Other means of identification : Regular

1.2. Use of the substance/mixture : Leak testing

1.3. Details of the supplier of the safety data sheet

Winton Products Company Inc.
2500 West Blvd.
Charlotte, NC, 28236
United States of America
T 704-399-5151 - F 704-392-5389
wintonprod@aol.com - 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)
Eye Irrit. 2A : H319 -
Skin Sens. 1 : H317 -
Carc. 2 : H351 -

Full text of H-phrases: see section 16

WHMIS Classification
D1B, D2A - Carcinogen, D2B - Skin and Eye irritant, Skin Sensitizer (WHMIS 1988)

2.2. Label elements

GHS-US and GHS-CA labeling
Hazard pictograms (GHS-US, GHS-CA) :

! GHS07

GHS08

Signal word (GHS-US, GHS-CA) : Warning
Hazard statements (GHS-US, GHS-CA) :
H317 - May cause an allergic skin reaction
H319 - Causes serious eye irritation
H351 - Suspected of causing cancer

Precautionary statements (GHS-US, GHS-CA) :
P201 - Obtain special instructions before use
P202 - Do not handle until all safety precautions have been read and understood
P260 - Do not breathe dust/fume/gas/mist/vapors/spray
P264 - Wash clothing, hands, forearms and face thoroughly after handling
P272 - Contaminated work clothing must not be allowed out of the workplace
P280 - Wear protective gloves/protective clothing/eye protection/face protection
P302+P352 - If on skin: Wash with plenty of water
P305+P351+P338 - If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
P308+P313 - If exposed or concerned: Get medical advice/attention
P333+P313 - If skin irritation or rash occurs: Get medical advice/attention
P337+P313 - If eye irritation persists: Get medical advice/attention
P363 - Wash contaminated clothing before reuse
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P405 - Store locked up
P501 - Dispose of contents/container to an approved waste disposal plant

2.3 Other hazards
No additional information available

2.6 Unknown acute toxicity (GHS-US/CA)
Not applicable

SECTION 3: Composition/information on ingredients
3.1 Substance
Not applicable

3.2 Mixture

<table>
<thead>
<tr>
<th>Name</th>
<th>Product Identifier</th>
<th>%</th>
<th>Classification (GHS-US/CA)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium dodecybenzenesulfonate</td>
<td>(CAS No) 25155-30-0</td>
<td>&lt;1.5</td>
<td>Acute Tox. 4 (Oral), H302</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Acute Tox. 2 (Inhalation: dust, mist), H330</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Skin Irrit. 2, H315</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Eye Dam. 1, H318</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>STOT SE 3, H335</td>
</tr>
<tr>
<td>COCAMIDE DEA</td>
<td>(CAS No) 88603-42-9</td>
<td>&lt; 0.4</td>
<td>Skin Irrit. 2, H315</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Eye Dam. 1, H318</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Skin Sens. 1, H317</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Carc. 2, H351</td>
</tr>
<tr>
<td>2,2'-iminodiethanol, diethanolamine</td>
<td>(CAS No) 111-42-2</td>
<td>&lt; 0.4</td>
<td>Acute Tox. 4 (Oral), H302</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Skin Irrit. 2, H315</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Eye Dam. 1, H318</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Carc. 2, H351</td>
</tr>
</tbody>
</table>

Full text of H-phrases: see section 16

SECTION 4: First aid measures

4.1 Description of first aid measures

First-aid measures general
IF exposed or concerned: Get medical advice/attention.

First-aid measures after inhalation
Remove victim to fresh air and keep at rest in a position comfortable for breathing.

First-aid measures after skin contact
Remove contaminated clothing and shoes. Gently wash with plenty of mild soap and water. If skin irritation or rash occurs: Get medical advice/attention.

First-aid measures after eye contact
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

First-aid measures after ingestion
Rinse mouth. Do NOT induce vomiting. Call a poison center or a doctor if you feel unwell.

4.2 Most important symptoms and effects, both acute and delayed
Symptoms/injuries after skin contact
May cause an allergic skin reaction.

Symptoms/injuries after eye contact
Causes eye irritation including burning, redness, tearing, etc.

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

SECTION 5: Firefighting measures

5.1 Extinguishing media
Suitable extinguishing media
Use extinguishing media appropriate for surrounding fire.

Unsuitable extinguishing media
Do not use a heavy water stream.

5.2 Special hazards arising from the substance or mixture
Fire hazard
Not flammable.

Explosion hazard
Not expected to be a fire/explosion hazard under normal conditions of use.

Reactivity
Stable under normal conditions.

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6.3. Advice for firefighters
Firefighting instructions: Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Avoid allowing fire-fighting water to enter environment.
Protection during firefighting: Do not enter fire area without proper protective equipment, including respiratory protection.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel
Emergency procedures: Evacuate unnecessary personnel.

6.1.2. For emergency responders
Protective equipment: Do not attempt to take action without suitable protective equipment. Equip cleanup crew with proper protection. Avoid breathing mist, spray, vapors. Avoid contact with skin and eyes. For further information refer to section 8 Exposure controls/personal protection.
Emergency procedures: Ventilate area.

6.2. Environmental precautions
Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

6.3. Methods and materials for containment and cleaning up
For containment: Contain and/or absorb spill with inert material (sand), then place in suitable container.
Methods for cleaning up: Wipe up with absorbent material (for example cloth). Collect spillage. Store away from other materials.

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: Provide good ventilation in process area to prevent formation of vapor. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear personal protective equipment. Avoid breathing mist, spray, vapors. Avoid contact with skin and eyes.
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 well-ventilated place. Keep container closed when not in use. Store above 35°F (2°C) in a dry place out of sunlight.
Incompatible products: Strong bases, strong acids, oxidizing and reducing agents, isocyanates, nitrosating agents.
Incompatible materials: None known.

7.3. Specific end u[es]
No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

<table>
<thead>
<tr>
<th>Material (141-42-2)</th>
<th>ACGIH</th>
<th>ACGIH TWA (mg/m³)</th>
<th>1 mg/m³ (Inhalable Fraction and Vapor)</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACGIH</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Remark (ACGIH)</td>
<td></td>
<td>Skin</td>
<td></td>
</tr>
<tr>
<td>OSHA</td>
<td></td>
<td>Not applicable</td>
<td></td>
</tr>
</tbody>
</table>

ACGIH: American Conference of Governmental Industrial Hygienists, TWA: Time Weighted Average, OSHA: Occupational Safety and Health Administration, URT: Upper Respiratory Tract, Irr: irritation.

8.2. Exposure controls
Appropriate engineering controls: Not necessary with sufficient ventilation.

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SECTION 9: Physical and chemical properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical state</td>
<td>Liquid</td>
</tr>
<tr>
<td>Appearance</td>
<td>Clear</td>
</tr>
<tr>
<td>Color</td>
<td>Green</td>
</tr>
<tr>
<td>Odor</td>
<td>Characteristic</td>
</tr>
<tr>
<td>Odor threshold</td>
<td>Not available</td>
</tr>
<tr>
<td>pH</td>
<td>Not available</td>
</tr>
<tr>
<td>Relative evaporation rate (butyl acetate=1)</td>
<td>Not available</td>
</tr>
<tr>
<td>Relative evaporation rate (water=1)</td>
<td>3.1</td>
</tr>
<tr>
<td>Melting point</td>
<td>Not available</td>
</tr>
<tr>
<td>Freezing point</td>
<td>32°F, 0°C</td>
</tr>
<tr>
<td>Boiling point</td>
<td>212°F, 100 °C</td>
</tr>
<tr>
<td>Flash point</td>
<td>&gt;100°C</td>
</tr>
<tr>
<td>Auto-ignition temperature</td>
<td>Not available</td>
</tr>
<tr>
<td>Decomposition temperature</td>
<td>Not available</td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Vapor pressure</td>
<td>17.5 mm Hg</td>
</tr>
<tr>
<td>Relative vapor density at 20 °C</td>
<td>1.18 (air=1)</td>
</tr>
<tr>
<td>Relative density</td>
<td>1.014 (water = 1)</td>
</tr>
<tr>
<td>Density</td>
<td>Not available</td>
</tr>
<tr>
<td>Solubility</td>
<td>Water: 100 %</td>
</tr>
<tr>
<td>Log Pow</td>
<td>No data available</td>
</tr>
<tr>
<td>Log Kow</td>
<td>No data available</td>
</tr>
<tr>
<td>Viscosity, kinematic</td>
<td>No data available</td>
</tr>
<tr>
<td>Viscosity, dynamic</td>
<td>No data available</td>
</tr>
<tr>
<td>Explosive properties</td>
<td>No data available</td>
</tr>
<tr>
<td>Oxidizing properties</td>
<td>No data available</td>
</tr>
<tr>
<td>Explosion limits</td>
<td>No data available</td>
</tr>
</tbody>
</table>

SECTION 10: Stability and reactivity

10.1. Reactivity
Stable under normal conditions.

10.2. Chemical stability
Stable under normal conditions.

10.3. Possibility of hazardous reactions
Not applicable

10.4. Conditions to avoid
Direct sunlight. Extremely high or low temperatures.
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10.5. Incompatible material(s)/susceptible substances
Strong bases, strong acids, oxidizing and reducing agents, isocyanates, nitrosating agents.

10.8. Hazardous decomposition products
Carbon monoxide, Carbon dioxide, nitrogen oxides.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Likely routes of exposure
Ingestion; Inhalation; Skin and eye contact.

Acute toxicity
Oral: Harmful if swallowed. (Ethylene glycol can be more toxic in humans than in animals.)

<table>
<thead>
<tr>
<th>Compound</th>
<th>CAS No.</th>
<th>Description</th>
<th>LD50 Oral Rat</th>
<th>LD50 Dermal Rabbit</th>
<th>LC50 Inhalation Rat</th>
</tr>
</thead>
<tbody>
<tr>
<td>Diethanolamine (111-42-3)</td>
<td></td>
<td></td>
<td>680 mg/kg female</td>
<td>8180 mg/kg male</td>
<td>Not available</td>
</tr>
<tr>
<td>Cocamid DEA (8883-43-0)</td>
<td></td>
<td></td>
<td>12400 μg/kg</td>
<td>Not available</td>
<td>Not available</td>
</tr>
<tr>
<td>Sodium Dodecylbenzene Sulfonate (14165-30-0)</td>
<td></td>
<td></td>
<td>438 mg/kg</td>
<td>Not available</td>
<td>0.31 mg/l/4H</td>
</tr>
</tbody>
</table>

Skin corrosion/irritation
Not classified (Based on available data, the classification criteria are not met)

Serious eye damage/irritation
Causes serious eye irritation.

Respiratory or skin sensitization
May cause an allergic skin reaction.

Germ cell mutagenicity
Not classified (Based on available data, the classification criteria are not met)

Carcinogenicity
Suspected of causing cancer. (Diethanolamine and Cocamide DEA – IARC Group 2B – Possibly Carcinogenic to Humans)

Reproductive toxicity
Not classified (Based on available data, the classification criteria are not met)

Specific target organ toxicity (single exposure)
Not classified (Based on available data, the classification criteria are not met)

Specific target organ toxicity (repeated exposure)
Not classified (Based on available data, the classification criteria are not met)

Aspiration hazard
Not classified (Based on available data, the classification criteria are not met)

Potential Adverse human health effects and symptoms
Skin sensitization, eye irritation, potential cancer hazard.

Symptoms/injuries after inhalation
None known

Symptoms/injuries after skin contact
May cause an allergic skin reaction.

Symptoms/injuries after eye contact
Irritation to eyes which may include burning, redness, tearing, etc.

Symptoms/injuries after ingestion
None known

Chronic symptoms
None known

SECTION 12: Ecological information

12.1. Toxicity
Ecology - general
Not determined.

12.2. Persistence and degradability
Sherlock Leak Detector Regular
Persistence and degradability
Not established.
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12.3. Bioaccumulative potential

<table>
<thead>
<tr>
<th>Sherlock Leak Detector Regular</th>
<th>Bioaccumulative potential</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Not established.</td>
</tr>
</tbody>
</table>

12.4. Mobility (in soil)

<table>
<thead>
<tr>
<th>Sherlock Leak Detector Regular</th>
<th>Ecology - soil</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Not determined.</td>
</tr>
</tbody>
</table>

12.5. Other adverse effects

| Other information | Avoid release to the environment. |

SECTION 13: Disposal considerations

13.1. Waste treatment methods

| Waste disposal recommendations | Dispose in a safe manner in accordance with local/national regulations. |
| Ecology - waste materials      | Avoid release to the environment. |

SECTION 14: Transport information

US Department of Transportation (DOT)
Not a dangerous good for transport

Canadian Transportation of Dangerous Goods Act/Regulations (TDG)
Not a dangerous good for transport

Transport by sea
Not determined

Air transport
Not determined

SECTION 15: Regulatory information

15.1. US Federal regulations

USA

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>National Fire Protection Association® (NFPA®) Classification</td>
<td></td>
</tr>
</tbody>
</table>

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### 5.2. International regulations

**CANADA**

<table>
<thead>
<tr>
<th>Sherlock Leak Detector Regular</th>
<th>WHMIS 2015 – GHS</th>
<th>Classified as a hazardous product/ See Section 2 for details.</th>
</tr>
</thead>
<tbody>
<tr>
<td>WHMIS Classification 1998 (Controlled products Regulations)</td>
<td>Class D2A - Very Toxic Material causing other toxic effects - Carcinogenicity Class D2B - Toxic material causing other toxic effects – Eye irritant, Skin sensitizer</td>
<td></td>
</tr>
</tbody>
</table>

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations.

National regulations
No additional information available

### 5.3. US State regulations

No additional information available

### SECTION 16: Other information

- **Indication of changes**: New Safety Data Sheet (SDS).
- **Data sources**: GHS-US, GHS-CA classification parameters. References available upon request.
- **Other information**: None.
- **Date**: September 6, 2015

Full text of H-phrases:

<table>
<thead>
<tr>
<th>Acute Tox. 2 (Inhalation/dust,mist)</th>
<th>Acute toxicity (inhalation/dust,mist) Category 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute Tox. 4 (Oral)</td>
<td>Acute toxicity (oral) Category 4</td>
</tr>
<tr>
<td>Carc. 2</td>
<td>Carcinogenicity Category 2</td>
</tr>
<tr>
<td>Eye Dam. 1</td>
<td>Serious eye damage/eye irritation Category 1</td>
</tr>
<tr>
<td>Eye Irrit. 2A</td>
<td>Serious eye damage/eye irritation Category 2A</td>
</tr>
<tr>
<td>Skin Irrit. 2</td>
<td>Skin corrosion/irritation Category 2</td>
</tr>
<tr>
<td>Skin Sens. 1</td>
<td>Skin sensitization Category 1</td>
</tr>
<tr>
<td>STOT SE 3</td>
<td>Specific target organ toxicity (single exposure) Category 3</td>
</tr>
<tr>
<td>H302</td>
<td>Harmful if swallowed</td>
</tr>
<tr>
<td>H315</td>
<td>Causes skin irritation</td>
</tr>
<tr>
<td>H317</td>
<td>May cause an allergic skin reaction</td>
</tr>
<tr>
<td>H318</td>
<td>Causes serious eye damage</td>
</tr>
<tr>
<td>H319</td>
<td>Causes serious eye irritation</td>
</tr>
<tr>
<td>H330</td>
<td>Fatal if inhaled</td>
</tr>
<tr>
<td>H335</td>
<td>May cause respiratory irritation</td>
</tr>
<tr>
<td>H351</td>
<td>Suspected of causing cancer</td>
</tr>
</tbody>
</table>

SDS USA and SDS Canada (GHS)
This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.

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