1. Product and Company Identification

Product Code: J-647
Product Name: Jorvet Manual & Ultrasonic Neutral pH Instrument Detergent
Company Name: Jorgensen Laboratories
Phone Number: 1 (800) 525-5614

Emergency Contact: Chemtrec 1 (800) 424-9300

2. Hazards Identification

Serious Eye Damage/Eye Irritation, Category 2B

GHS Signal Word: Warning
GHS Hazard Phrases: Causes eye irritation.
GHS Precaution Phrases: Keep out of reach of children.
Read label before use.
Do not get in eyes.
Wash hands thoroughly after handling.

GHS Response Phrases: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing for 15 minutes. Get medical advice/attention.
IF ON SKIN: Wash any sensitive areas. If skin irritation occurs, get medical advice/attention.
IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Get immediate medical advice/attention.
IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. If experiencing respiratory symptoms: Get medical advice/attention.

Medical and Transportation Emergencies contact Chemtrec 1-800-424-9300

GHS Storage and Disposal Phrases: Dispose of contents/container in accordance to local, state and federal regulations.

Hazard Rating System:

<table>
<thead>
<tr>
<th>Category</th>
<th>Rating</th>
</tr>
</thead>
<tbody>
<tr>
<td>Health</td>
<td>1</td>
</tr>
<tr>
<td>Flammability</td>
<td>0</td>
</tr>
<tr>
<td>Physical</td>
<td>0</td>
</tr>
</tbody>
</table>

PPE: B

GHS format
3.Composition/Information on Ingredients

<table>
<thead>
<tr>
<th>CAS #</th>
<th>Hazardous Components (Chemical Name)</th>
<th>Concentration</th>
</tr>
</thead>
<tbody>
<tr>
<td>85536-14-7</td>
<td>Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs.</td>
<td>10.0-20.0 %</td>
</tr>
</tbody>
</table>

4. First Aid Measures

Emergency and First Aid
Procedures: No data available.

In Case of Inhalation: If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing. If experiencing respiratory symptoms: Get medical advice/attention.

In Case of Skin Contact: Wash thoroughly with fresh, tepid water for 15 minutes. Discard contaminated clothing and footwear or wash before reuse. If skin irritation occurs: Get medical advice/attention.

In Case of Eye Contact: Immediately flush eyes with large amounts of fresh, tepid water for at least 15 minutes. Hold eyelids open to ensure complete irrigation of eye and lid tissues. Tilt head to the side and irrigate the eye from the bridge of the nose to the outside of the face. Keep run-off from entering the other eye, mouth or ear. Washing eye within the first few seconds is essential to achieve maximum effectiveness. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical advice/attention.

In Case of Ingestion: Do not induce vomiting. Rinse mouth with fresh, tepid water, then immediately drink 4-8 oz. of milk or water. Never give anything by mouth to an unconscious person. If vomiting occurs, keep airways open. Keep head lower than hips to prevent aspiration into the lungs. Get medical advice/attention.

5. Fire Fighting Measures

Flash Pt: No data.
Explosive Limits: LEL: No data. UEL: No data.
Auto ignition Pt: No data.
Suitable Extinguishing Media: Dry chemical, CO2, sand, earth, water spray or regular foam.

Fire Fighting Instructions: As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear.

Flammable Properties and Hazards: No data available.

6. Accidental Release Measures

Protective Precautions, Protective Equipment and Emergency Procedures: Rubber or neoprene gloves, safety glasses. Wear chemical protective clothing. Do not get in eyes, on skin, or on clothing. Wash hands thoroughly after handling. Provide mechanical ventilation to disperse or ventilate the area with fresh air.
SAFETY DATA SHEET

Steps To Be Taken in Case
Absorb spill with inert material (e.g. dry sand or earth), and dispose of in accordance with applicable regulations.

Spilled:

7. Handling and Storage

Precautions To Be Taken
For industrial or institutional use only. Avoid contact with eyes and prolonged or repeated skin contact.

In Handling:
Precautions To Be Taken
Keep container closed when not in use. Keep from freezing. Store away from incompatible material.

In Storing:

8. Exposure Controls/Personal Protection

<table>
<thead>
<tr>
<th>CAS #</th>
<th>Partial Chemical Name</th>
<th>OSHA TWA</th>
<th>ACGIH TWA</th>
<th>Other Limits</th>
</tr>
</thead>
<tbody>
<tr>
<td>85536-14-7</td>
<td>Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs.</td>
<td>No data.</td>
<td>No data.</td>
<td>No data.</td>
</tr>
</tbody>
</table>

Respiratory Equipment: A respirator is not needed under normal and intended conditions of product use.

(Specify Type):

Eye Protection: Safety glasses

Protective Gloves: Rubber or neoprene gloves

Other Protective Clothing: Wear chemical protective clothing.

Engineering Controls: Handle in accordance with good industrial hygiene and safety practice in a well ventilated area.

(Ventilation etc.): Wash hands before breaks and at the end of the workday.

9. Physical and Chemical Properties

Physical States: [ ] Gas [X] Liquid [ ] Solid

Appearance and Odor:
Appearance: Clear Yellow Liquid
Odor: Pleasant mint odor

Melting Point: No data.
Boiling Point: No data.
Autoignition Pt: No data.
Flash Pt: No data.

Explosive Limits: LEL: No data. UEL: No data.

Specific Gravity (Water = 1): 1.010 – 1.030

Vapor Pressure (vs. Air or mm Hg): No data.

Vapor Density (vs. Air = 1): No data.

Evaporation Rate: No data.

Solubility in Water: 100

GHS format
10. Stability and Reactivity

**Stability:** Unstable [ ] Stable [ X ]

**Conditions to Avoid:** Avoid handling conditions which may allow for leaks and spills of this material. Do not permit personnel to handle this product without proper training and/or protective equipment.

**Incompatibility – Materials to Avoid:** Avoid contact with strong acids, bleach bases or other.

**Hazardous Decomposition or Byproducts:** No data available.

**Possibility of Hazardous Reactions:** Will occur [ ] Will not occur [ X ]

**Conditions to Avoid – Hazardous Reactions:** No data available.

11. Toxicological Information

**Toxicological Information:** Inhalation, Eye contact, Skin contact, Ingestion

**Irritation or Corrosion:**
- **Eyes:** Causes serious eye irritation.
- **Skin:** No known effects.
- **Ingestion:** No known effects.
- **Inhalation:** No known effects.

**Symptoms Related to Toxicological Characteristics:**
- **Eyes:** Redness, pain, irritation
- **Skin:** No symptoms known.
- **Ingestion:** No symptoms known.
- **Inhalation:** No symptoms known.

**Chronic Toxicological Effects:** No known chronic toxicological effects.

**Carcinogenicity:**
- NTP? No
- IARC Monographs? No
- OSHA Regulated? No

12. Ecological Information

**General Ecological Information:** This product has no known ecotoxicological effects.
13. Disposal Considerations

Waste Disposal Method: Dispose of contents/container in accordance to local, state and federal regulations.

14. Transport Information

LAND TRANSPORT (US DOT):

DOT Proper Shipping Name: Compound Cleaner, Not Regulated
DOT Hazard Class: 
UN/NA Number: 

AIR TRANSPORT (ICAO/IATA):

ICAO/IATA Shipping Name: Not Regulated.

15. Regulatory Information

EPA SARA (Superfund Amendments and Reauthorization Act of 1986) Lists

<table>
<thead>
<tr>
<th>CAS #</th>
<th>Hazardous Components (Chemical Name)</th>
<th>S.302 (EHS)</th>
<th>S.304 RQ</th>
<th>S.313 (TRI)</th>
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16. Other Information

Revision Date: 04/30/2015

Additional Information About This Product:

Company's Disclaimer: While Jorgensen believes the statements set forth herein are accurate as of the date hereof, Jorgensen makes no warranty with respect thereto and expressly disclaims all liability for reliance thereon. Such data is offered solely for your consideration, investigation, and verification.