1. IDENTIFICATION

Product Identifier
Product Name 1-Hexanesulfonate, sodium salt, monohydrate

Other means of identification
SDS # 403026d (RT-005)

Product Code 1-403026-200; 1-403026-500; 1-403056-200; 1-403126-200; 1-403226-200; 1-403326-200; 1-403426-200

Recommended use of the chemical and restrictions on use
Recommended Use Analytical Reagent: Ion Pairing for Chromatography.

Details of the supplier of the safety data sheet
Supplier Address Regis Technologies, Inc.
8210 N. Austin Avenue
Morton Grove, IL 60053

Emergency Telephone Number
Company Phone Number 847-967-6000; 800-323-8144 (toll free)
Email: cservice@registech.com
www.registech.com

Emergency Telephone (24 hr) INFOTRAC 1-352-323-3500 (International)
1-800-535-5053 (North America)

2. HAZARDS IDENTIFICATION

Appearance White crystalline powder
Physical State Powder
Odor None

Classification

<table>
<thead>
<tr>
<th></th>
<th>Category</th>
<th>Hazard Statement</th>
</tr>
</thead>
<tbody>
<tr>
<td>Skin corrosion/irritation</td>
<td>2</td>
<td>H315 Causes skin irritation</td>
</tr>
<tr>
<td>Serious eye damage/eye irritation</td>
<td>2</td>
<td>H320 Causes eye irritation</td>
</tr>
<tr>
<td>Specific target organ toxicity (single exposure)</td>
<td>3</td>
<td>H335 May cause respiratory irritation</td>
</tr>
</tbody>
</table>

Signal Word Warning

Hazard Statements
Causes skin irritation
Causes eye irritation
May cause respiratory irritation
Precautionary Statements - Prevention
Wash face, hands and any exposed skin thoroughly after handling
Wear protective gloves/protective clothing/eye protection/face protection
Avoid breathing dust/fume/gas/mist/vapors/spray
Use only outdoors or in a well-ventilated area

Precautionary Statements - Response
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
IF ON SKIN: Wash with plenty of soap and water
If skin irritation occurs: Get medical advice/attention
Take off contaminated clothing and wash it before reuse
IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing
Call a poison center or doctor/physician if you feel unwell

Precautionary Statements - Storage
Store in a well-ventilated place. Keep container tightly closed
Store locked up

Precautionary Statements - Disposal
Dispose of contents/container to an approved waste disposal plant

3. COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS No</th>
<th>Weight-%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium 1-hexanesulfonate monohydrate</td>
<td>207300-91-2</td>
<td>98-100</td>
</tr>
</tbody>
</table>

**If Chemical Name/CAS No is "proprietary" and/or Weight-% is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret.**

4. FIRST-AID MEASURES

First Aid Measures

General Advice
Provide this SDS to medical personnel for treatment.

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.

Skin Contact
IF ON SKIN: Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash it before reuse.

Inhalation
IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a poison center or doctor/physician if you feel unwell.

Ingestion
Clean mouth with water and drink afterwards plenty of water. Get medical attention if you feel unwell.

Most important symptoms and effects

Symptoms
Causes skin irritation. Causes eye irritation. May cause respiratory irritation.

Indication of any immediate medical attention and special treatment needed

Notes to Physician
Symptomatic and supportive care. No specific antidote.
5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media
Water spray, carbon dioxide, dry chemical powder, or appropriate foam.

Unsuitable Extinguishing Media Not determined.

Specific Hazards Arising from the Chemical
Slight fire hazard--As with most organic compounds, fire is possible at elevated temperatures or from contact with an ignition source. Explosion potential unknown--If a substance is an organic solid, fine dust dispersed in air in sufficient concentrations in the presence of an ignition source is a potential for a dust explosion. Avoid inhalation of material or combustion by-products.

Hazardous Combustion Products May emit carbon monoxide, carbon dioxide, sulfur oxides.

Protective equipment and precautions for firefighters
As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal Precautions Eliminate all ignition sources/slight fire hazard. Evacuate unnecessary people from area. Isolate spilled material. Ventilate area. Wear protective clothing to prevent contact with skin and eyes (lab coat, gloves, safety glasses). Wear NIOSH/MSHA approved respirator for dust to prevent potential inhalation irritation.

Environmental Precautions See Section 12 for additional Ecological Information. Keep out of waterways.

Methods and material for containment and cleaning up

Methods for Containment Prevent further leakage or spillage if safe to do so.

Methods for Clean-Up If in solution, mix with sand or similar adsorbent material. Sweep up, seal in appropriate hazardous waste container, and hold for proper waste disposal. Avoid raising dust as it is a powdered material. Wash spill site after material pickup is complete. Dispose of contents/container to an approved waste disposal plant.

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on Safe Handling Handle in accordance with good industrial hygiene and safety practice. Wear protective gloves/protective clothing and eye/face protection. Avoid breathing dust/fume/gas/mist/vapors/spray. Use only outdoors or in a well-ventilated area. Wash face, hands, and any exposed skin thoroughly after handling.

Conditions for safe storage, including any incompatibilities

Storage Conditions Keep container tightly closed and store in a cool, dry and well-ventilated place. Store locked up. Store away from heat, sparks, open flame or any other ignition source.

Incompatible Materials Strong acids. Strong oxidizers.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.
Appropriate engineering controls

Engineering Controls

Individual protection measures, such as personal protective equipment

Eye/Face Protection
Chemical safety eyewear.

Skin and Body Protection
Compatible chemical-resistant gloves; Protective clothing (e.g., lab coat).

Respiratory Protection
NIOSH/MSHA approved respirator with appropriate protections to prevent dust inhalation.

General Hygiene Considerations
Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Avoid prolonged or repeated exposure. Wash thoroughly after handling.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Values</th>
<th>Remarks • Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical State</td>
<td>Powder</td>
<td></td>
</tr>
<tr>
<td>Appearance</td>
<td>White crystalline powder</td>
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</tr>
<tr>
<td>Color</td>
<td>White</td>
<td></td>
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<tr>
<td>Odor</td>
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<td></td>
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<tr>
<td>Odor Threshold</td>
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<tr>
<td>pH</td>
<td>5.5-7.5 (10g/L)</td>
<td>@ 20°C</td>
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<tr>
<td>Melting Point/Freezing Point</td>
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<tr>
<td>Boiling Point/Boiling Range</td>
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</tr>
<tr>
<td>Flash Point</td>
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<td></td>
</tr>
<tr>
<td>Evaporation Rate</td>
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<td></td>
</tr>
<tr>
<td>Flammability (Solid, Gas)</td>
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<td></td>
</tr>
<tr>
<td>Upper Flammability Limits</td>
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<td></td>
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<tr>
<td>Lower Flammability Limit</td>
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<tr>
<td>Vapor Pressure</td>
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<tr>
<td>Vapor Density</td>
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<tr>
<td>Specific Gravity</td>
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<tr>
<td>Water Solubility</td>
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<td>Solubility in other solvents</td>
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<tr>
<td>Partition Coefficient</td>
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<tr>
<td>Auto-ignition Temperature</td>
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<tr>
<td>Decomposition Temperature</td>
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<td></td>
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<tr>
<td>Kinematic Viscosity</td>
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<td></td>
</tr>
<tr>
<td>Dynamic Viscosity</td>
<td>Not determined</td>
<td></td>
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<tr>
<td>Explosive Properties</td>
<td>Not an explosive</td>
<td></td>
</tr>
<tr>
<td>Oxidizing Properties</td>
<td>Not determined</td>
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</table>

10. STABILITY AND REACTIVITY

Reactivity
Not reactive under normal conditions.

Chemical Stability
Stable under recommended storage conditions.

Possibility of Hazardous Reactions
None under normal processing.

Hazardous Polymerization
Hazardous polymerization does not occur.
Conditions to Avoid
Incompatible Materials. Dust formation.

Incompatible Materials
Strong acids. Strong oxidizers.

Hazardous Decomposition Products
May emit carbon oxides, sulfur oxides.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information

Eye Contact Causes eye irritation.
Skin Contact Causes skin irritation.
Inhalation Avoid inhalation of dust.
Ingestion Do not ingest.

Component Information

Information on physical, chemical and toxicological effects

Symptoms Please see section 4 of this SDS for symptoms.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Carcinogenicity Based on the information provided, this product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.

Numerical measures of toxicity
Product level testing not available

12. ECOLOGICAL INFORMATION

Ecotoxicity
This product as a whole has not been tested for ecotoxicity.

Persistence/Degradability
Not determined.

Bioaccumulation
Not determined

Mobility
Not determined

Other Adverse Effects
Not determined
13. DISPOSAL CONSIDERATIONS

Waste Treatment Methods

Disposal of Wastes
Disposal should be in accordance with applicable regional, national and local laws and regulations.

Contaminated Packaging
Disposal should be in accordance with applicable regional, national and local laws and regulations.

14. TRANSPORT INFORMATION

Note
Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.

DOT
Not regulated

IATA
Not regulated

IMDG
Not regulated

15. REGULATORY INFORMATION

International Inventories

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>TSCA</th>
<th>DSL</th>
<th>NDSL</th>
<th>EINECS</th>
<th>ELINCS</th>
<th>ENCS</th>
<th>IECSC</th>
<th>KECL</th>
<th>PICCS</th>
<th>AICS</th>
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</thead>
<tbody>
<tr>
<td>Sodium 1-hexanesulfonate monohydrate</td>
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<td>Present</td>
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<td></td>
<td></td>
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</table>

Legend:
- TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
- DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List
- EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances
- ENCS - Japan Existing and New Chemical Substances
- IECSC - China Inventory of Existing Chemical Substances
- KECL - Korean Existing and Evaluated Chemical Substances
- PICCS - Philippines Inventory of Chemicals and Chemical Substances
- AICS - Australian Inventory of Chemical Substances

US Federal Regulations

CERCLA
This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355).

SARA 313
Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

CWA (Clean Water Act)
This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

US State Regulations
California Proposition 65
This product does not contain any Proposition 65 chemicals.

U.S. State Right-to-Know Regulations
This product does not contain any substances regulated under applicable state right-to-know regulations

16. OTHER INFORMATION

<table>
<thead>
<tr>
<th>NFPA</th>
<th>Health Hazards</th>
<th>Flammability</th>
<th>Instability</th>
<th>Special Hazards</th>
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<tbody>
<tr>
<td></td>
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<td>0</td>
<td>0</td>
<td>Not Applicable</td>
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</table>

<table>
<thead>
<tr>
<th>HMIS</th>
<th>Health Hazards</th>
<th>Flammability</th>
<th>Physical Hazards</th>
<th>Personal Protection</th>
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<tbody>
<tr>
<td>1</td>
<td></td>
<td>0</td>
<td></td>
<td>B</td>
</tr>
</tbody>
</table>

Issue Date: 22-Mar-2015  
Revision Date: 04-Jun-2015  
Revision Note: New format

Disclaimer
The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet