1. CORRECTIVE RESPONSE ACTIONS

Dilute and disperse

Stop discharge

2. CHEMICAL DESIGNATIONS

2.1 CG Compatibility Group: Not listed.
2.2 Formula: C_{18}H_{35}O_3SNa
2.3 IMO UN Designation: Not listed
2.4 DOT ID No.: Not listed
2.5 CAS Registry No.: Not available
2.6 NAERG Guide No.: Not listed
2.7 Standard Industrial Trade Classification: 51849

3. HEALTH HAZARDS

3.1 Personal Protective Equipment: Rubber gloves, safety glasses.
3.2 Symptoms Following Exposure: Minor skin and eye irritation. INGESTION: May cause vomiting, diarrhea, and intestinal distension.
3.3 Treatment of Exposure: Call a physician. EYES: Flush skin and eyes with copious amounts of water. INGESTION: Give fluids. Induce vomiting.
3.4 TLV-TWA: Not listed.
3.5 TLV-STEL: Not listed.
3.6 TLV-Ceiling: Not listed.
3.7 Toxicity by Ingestion: Grade 2; LD_50 > 5 ml/kg
3.8 Toxicity by Inhalation: Currently not available.
3.9 Chronic Toxicity: Possible teratogenic effects. May cause skin rash after prolonged exposure.
3.10 Vapor (Gas) Irritant Characteristics: Not pertinent. Non-volatile (vapor is water).
3.11 Liquid or Solid Characteristics: Minimum hazard. If spilled on clothing and allowed to remain, may cause smearing and reddening of skin.
3.12 Odor Threshold: Currently not available.
3.13 IDLH Value: Not listed.
3.14 OSHA PEL-TWA: Not listed.
3.15 OSHA PEL-STEL: Not listed.
3.16 OSHA PEL-Ceiling: Not listed.
3.17 EPA AEGL: Not listed

4. FIRE HAZARDS

4.1 Flash Point: Not pertinent
4.2 Flammable Limits in Air: Not flammable
4.3 Fire Extinguishing Agents: Water
4.4 Fire Extinguishing Agents Not to Be Used: Not pertinent
4.5 Special Hazards of Combustion Products: Extinguish fire. For equipment enclosure, use carbon dioxide.
4.6 Behavior in Fire: Currently not available
4.7 Auto Ignition Temperature: Not pertinent
4.8 Electrical Hazards: Not pertinent
4.9 Buring Rate: Not pertinent
4.10 Abiadiable Flame Temperature: Currently not available
4.11 Stoichiomertic Air to Fuel Ratio: Not pertinent
4.12 Flame Temperature: Currently not available
4.13 Combustion Molar Ratio (Reactant to Product): Not pertinent
4.14 Minimum Oxygen Concentration for Combustion: Not available

5. CHEMICAL REACTIVITY

5.1 Reactivity with Water: No reaction
5.2 Reactivity with Common Materials: No reaction
5.3 Stability During Transport: Stable
5.4 Neutralizing Agents for Acids and Caustics: Not pertinent
5.5 Polymerization: Will not occur.
5.6 Inhibitor of Polymerization: Not pertinent

6. WATER POLLUTION

6.1 Aquatic Toxicity: 4 to 6 ppm/15 days/carp and trout/toxic threshold <5.6 ppm/silver salmon/critical level in aerated lake water.
6.2 Waterfowl Toxicity: Currently not available
6.3 Biological Oxygen Demand (BOD): 4% 5 days (NACCANOL NR) 9% 5 days
6.4 Food Chain Concentration Potential: None
6.5 GESAMP Hazard Profile: Bioaccumulation: 0
6.6 Pollution Category: Currently not available
6.7 Specific Gravity: 1.0 at 20°C for 60% slurry
6.8 Liquid Surface Tension: Not pertinent
6.9 Liquid Water Interfacial Tension: Not pertinent
6.10 Vapor (Gas) Specific Gravity: Vapor is water
6.11 Ratio of Specific Heats of Vapor (Gas): Not pertinent
6.12 Latent Heat of Vaporization: Not pertinent
6.13 Heat of Combustion: Not pertinent
6.14 Heat of Decomposition: Not pertinent
6.15 Heat of Solution: Not pertinent
6.16 Heat of Polymerization: Not pertinent
6.17 Heat of Fusion: Currently not available
6.18 Limiting Values: Currently not available
6.19 Reid Vapor Pressure: Currently not available

NOTES

7. SHIPPING INFORMATION

7.1 Grades of Purity: 40% H_2O. Varies with manufacturer and use.
7.2 Storage Temperature: Temperature above 32°F
7.3 Inert Atmosphere: Not required.
7.4 Venting: Open
7.5 IMO Pollution Category: Currently not available
7.6 Ship Type: Currently not available
7.7 Barge Hull Type: Currently not available

8. HAZARD CLASSIFICATIONS

8.1 49 CFR Category: Not listed.
8.2 49 CFR Class: Not pertinent
8.3 49 CFR Package Group: Not listed
8.4 Marine Pollutant: No
8.5 NPPA Hazard Classification: Not listed
8.6 EPA Reportable Quantity: Not listed
8.7 EPA Pollution Category: Not listed
8.8 RCRA Waste Number: Not listed
8.9 EPA FWPCA List: Not listed

9. PHYSICAL & CHEMICAL PROPERTIES

9.1 Physical State at 15° C and 1 atm: Solid or liquid
9.2 Molecular Weight: 348.49
9.3 Boiling Point at 1 atm: Foams as water boils
9.4 Freezing Point: Not pertinent
9.5 Critical Temperature: Not pertinent
9.6 Critical Pressure: Not pertinent
9.7 Specific Gravity: 1.0 at 20°C for 60% slurry
9.8 Liquid Surface Tension: Not pertinent
9.9 Liquid Water Interfacial Tension: Not pertinent
9.10 Vapor (Gas) Specific Gravity: Vapor is water
9.11 Ratio of Specific Heats of Vapor (Gas): Not pertinent
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<th>S.20</th>
<th>Saturated Liquid Density</th>
<th>S.21</th>
<th>Liquid Heat Capacity</th>
<th>S.22</th>
<th>Liquid Thermal Conductivity</th>
<th>S.23</th>
<th>Liquid Viscosity</th>
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<td>Temperature (degrees F)</td>
<td>Pounds per cubic foot</td>
<td>Temperature (degrees F)</td>
<td>British thermal unit per pound°F</td>
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<th>Solubility in Water</th>
<th>S.25</th>
<th>Saturated Vapor Pressure</th>
<th>S.26</th>
<th>Saturated Vapor Density</th>
<th>S.27</th>
<th>Ideal Gas Heat Capacity</th>
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