Material Safety Data Sheet

Aluminum Stearate

I. PRODUCT AND COMPANY IDENTIFICATION

<table>
<thead>
<tr>
<th>Product Name:</th>
<th>Aluminum Stearate</th>
<th>Date Revised:</th>
<th>7/2010</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chemical Family:</td>
<td>Stearates, Metallic</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Chemical Formula:</td>
<td>C_{56}H_{105}AlO_{6}</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Synonyms:</td>
<td>N/A</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CAS Number:</td>
<td>68442-97-7</td>
<td></td>
<td></td>
</tr>
<tr>
<td>NFPA Properties:</td>
<td>Health: 1  Flammability: 1  Reactivity: 0</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Supplier:

NOV FluidControl
4310 N. Sam Houston Parkway E
Houston, TX 77032
Office: (713) 482-0500
Fax: (713) 482-0695
Company website: [www.nov.com](http://www.nov.com)

Emergency Telephone Number:
CHEMTREC: 1-800-424-9300 or International +1-703-527-3887

II. HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

<table>
<thead>
<tr>
<th>Hazardous Components</th>
<th>TWAPPM</th>
<th>TWA MG/M³</th>
<th>STEL PPM</th>
<th>STEL MG/M³</th>
<th>CAS#</th>
<th>OTHER LIMITS</th>
</tr>
</thead>
<tbody>
<tr>
<td>%</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1.</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>2.</td>
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<tr>
<td>3.</td>
<td></td>
<td></td>
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<td></td>
</tr>
</tbody>
</table>

III. PHYSICAL/CHEMICAL CHARACTERISTICS

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Boiling Point °F:</td>
<td>NDA</td>
<td>Color:</td>
<td>WHITE</td>
</tr>
<tr>
<td>Specific Gravity:</td>
<td>1.07</td>
<td>Odor:</td>
<td>SLIGHT, FATTY ACID</td>
</tr>
<tr>
<td>Vapor Pressure:</td>
<td>N/A</td>
<td>Appearance:</td>
<td>POWDER</td>
</tr>
<tr>
<td>Percent Volatility:</td>
<td>NDA</td>
<td>pH:</td>
<td>N/A</td>
</tr>
<tr>
<td>Vapor Density:</td>
<td>N/A</td>
<td>Viscosity:</td>
<td>N/A</td>
</tr>
<tr>
<td>Evaporation Rate:</td>
<td>N/A</td>
<td>Activity:</td>
<td>N/A</td>
</tr>
<tr>
<td>Solubility In Water:</td>
<td>VERY LOW</td>
<td>LC50:</td>
<td>NDA</td>
</tr>
<tr>
<td>Melting Point °F:</td>
<td>230-334</td>
<td>LD50:</td>
<td>NDA</td>
</tr>
</tbody>
</table>
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IV. FIRE & EXPLOSION HAZARD DATA

Extinguishing Agents: DRYCHEMICAL OR WATERSPRAY OR WATERFOG OR CO2 OR FOAM OR SAND & EARTH
Flash Point: 400°C
Flammable Limits: N/A
LEL: N/A UEL: N/A

Special Firefighting Procedures: FIREFIGHTERS MUST BE EQUIPPED TO PREVENT BREATHING OF VAPORS OR PRODUCTS OF COMBUSTION. WEAR AN APPROVED SELF-CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING.

Unusual Fire & Explosion Hazards: NONE

V. HEALTH HAZARD DATA

Routes of Entry:
Inhalation: YES
Skin: YES
Ingestion: YES

Effects of Overexposure: NDA
Toxicological Properties: NDA

Chronic & Acute Effects of Overexposure:
Carcinogenicity:
NTP: NO
IARC Monographs: NO
OSHA Regulated:

Emergency First Aid Procedures

Eyes: IMMEDIATELY FLUSH WITH LARGE QUANTITIES OF WATER FOR AT LEAST 15 MINUTES. IF IRRITATION PERSISTS, CONTACT A PHYSICIAN.

Skin Contact: FLUSH WITH LARGE AMOUNTS OF WATER FOR 15 MINUTES.

Inhalation: REMOVE TO FRESH AIR, IF BREATHING IS DIFFICULT, GIVE OXYGEN AND CALL A PHYSICIAN.

Ingestion: CALL A PHYSICIAN.

VI. REACTIVITY DATA

Stability: STABLE  Hazardous Polymerization: WILL NOT OCCUR

Hazardous Decomposition Products: SMOKE, FUMES, CARBON MONOXIDE, CARBON DIOXIDE
Conditions to Avoid:
Incompatibility and Materials to Avoid: STRONG OXIDIZERS
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VII. SPILL & DISPOSAL PROCEDURES

Steps To Be Taken in Case Material is Released or Spilled --- Procedures For Clean – Up:
SWEEP UP AND DISPOSE OF IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL
REGULATIONS.

Waste Disposal Method: DISPOSE OF IN ACCORDANCE WITH ALL APPLICABLE FEDERAL,
STATE AND LOCAL REGULATIONS.

Precautions To Be Taken In Handling & Storage: STORE BETWEEN 40°F AND 120°F.

VIII. PROTECTIVE EQUIPMENT

Ventilation Type Required: MECHANICAL
Protective Gloves: RUBBER OR PLASTIC
Eye Protection: USE NIOSH/OSHA APPROVED RESPIRATOR WITH ORGANIC VAPOR
CARTRIDGE IF VAPOR CONCENTRATION EXCEEDS PERMISSIBLE EXPOSURE LIMIT.
Other Protective Equipment:

IX. REGULATORY & TRANSPORTATION INFORMATION

US DOT Proper Shipping Name: “OIL – WELL TREATING COMPOUND”
US DOT Hazard Class:  
ID Number:  
Unregulated By DOT:  
Special Transportation Note:  
Labels Required:

DOT ID Number: NDA
Freight Classification:  
Regulated by DOT: NO

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For further information contact:

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