

# Material Safety Data Sheet

## Aluminum Stearate

### I. PRODUCT AND COMPANY IDENTIFICATION

**Product Name:** Aluminum Stearate **Date Revised:** 7/2010  
**Chemical Family:** Stearates, Metallic  
**Chemical Formula:**  $C_{56}H_{105}AlO_6$   
**Synonyms:** N/A  
**CAS Number:** 68442-97-7  
**NFPA Properties:** Health: 1      Flammability: 1      Reactivity: 0

#### 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

Hazardous Components	TLV's (ACGIH)			OTHER	
	TWAPPM	TWA MG/M <sup>3</sup>	STEL PPM	STEL MG/M <sup>3</sup>	CAS# LIMITS
1.					
2.					
3.					

### III. PHYSICAL/CHEMICAL CHARACTERISTICS

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

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**Extinguishing Agents:**

DRYCHEMICAL OR WATERSPRAY OR WATERFOG OR CO<sub>2</sub> 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

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**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

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**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

**Aluminum Stearate****Material Safety Data Sheet****VII. SPILL & DISPOSAL PROCEDURES**

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**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**

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**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:**

**Comments:**

**IX. REGULATORY & TRANSPORTATION INFORMATION**

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**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

**DISCLAIMER:**

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