



ALUMINUM STEARATE 200F

Safety Data Sheet

1. IDENTIFICATION

Product identifier

Product Name ALUMINUM STEARATE 200 F

Other means of identification

Product Code 075200

Synonyms None

Recommended use of the chemical and restrictions on use

Recommended Use Gelling agent. Antistatic agent. Waterproofer. Defoamer.

Uses advised against For industrial use only

Supplier:

Prairie Mud Service

738 6th Street

Estevan, SK

S4A 1A4

306-634-3411

Emergency Phone: 1-306-634-3411

2. HAZARDS IDENTIFICATION

Classification

OSHA Regulatory Status

This product is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Combustible dust

Yes

Label elements

Emergency Overview

Warning

Hazard statements

May form combustible dust concentrations in air

Appearance powder

Physical state solid

Odor slight

Precautionary Statements - Prevention

Minimize dust generation and accumulation

Hazards not otherwise classified (HNOC)

Not applicable

Other Information

Not applicable



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3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance

Common name

Aluminum stearate.

Chemical nature

Aluminum salt of fatty acid.

Chemical Name	CAS No.	Weight-%
Aluminum hydroxydistearate	300-92-5	95 - 100
Stearic acid	57-11-4	1 - <3

4. FIRST AID MEASURES

Description of first aid measures

Eye contact

Rinse thoroughly with plenty of water, also under the eyelids. If symptoms persist, call a physician.

Skin contact

Wash off immediately with plenty of water for at least 15 minutes. If skin irritation persists, call a physician.

Inhalation

Remove to fresh air. If breathing is difficult, give oxygen. If symptoms persist, call a physician.

Ingestion

Not an expected route of exposure. Drink 1 or 2 glasses of water. Do not induce vomiting without medical advice. Call a physician.

Most important symptoms and effects, both acute and delayed

Symptoms

Product dust may be irritating to eyes, skin and respiratory system.

Indication of any immediate medical attention and special treatment needed

Note to physicians

Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media

Dry chemical, CO2, alcohol-resistant foam or water spray. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable extinguishing media Use water spray or fog; do not use straight streams.

Specific hazards arising from the chemical

May form explosive mixtures with air.

Hazardous combustion products Carbon oxides. oxides of non-toxic metals.

Explosion data

Sensitivity to Mechanical Impact None.

Sensitivity to Static Discharge Fine dust dispersed in air, in sufficient concentrations, and in the presence of an ignition source is a potential dust explosion hazard.

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



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Personal precautions Avoid creating dust. Avoid contact with skin, eyes or clothing. Use personal protective equipment as required. Ensure adequate ventilation, especially in confined areas.

Environmental precautions

Environmental precautions Do not flush into surface water or sanitary sewer system.

Methods and material for containment and cleaning up

Methods for containment Prevent dust cloud.

Methods for cleaning up Take up mechanically, placing in appropriate containers for reuse / disposal.

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on safe handling Avoid generation of dust. In case of insufficient ventilation, wear suitable respiratory equipment. Avoid contact with skin and eyes. Use personal protective equipment as required. Wash thoroughly after handling.

Conditions for safe storage, including any incompatibilities

Storage Conditions Keep container tightly closed in a dry and well-ventilated place.

Incompatible materials Strong oxidizing agents.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Guidelines

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Aluminum hydroxydistearate 300-92-5	TWA: 10 mg/m ³ except stearates of toxic metals	-	-
Stearic acid 57-11-4	10 mg/m ³	-	-

Appropriate engineering controls

Engineering Controls Showers
Eyewash stations
Ventilation systems.

Individual protection measures, such as personal protective equipment

Eye/face protection Wear safety glasses with side shields (or goggles).

Skin and body protection Wear protective gloves and protective clothing.

Respiratory protection None under normal use conditions. A dust mask is recommended when processing creates dust.

General Hygiene Considerations Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical state	solid	Odor	slight
Appearance	powder	Odor threshold	No information available
Color	white		



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<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	No information available	
Melting point / freezing point	No information available	
Boiling point / boiling range	No information available	
Flash point	260 °C	Estimated
Evaporation rate	No information available	
Flammability (solid, gas)	No information available	
Flammability Limit in Air		
Upper flammability limit:	No information available	
Lower flammability limit:	No information available	
Vapor pressure	-	negligible
Vapor density	No information available	
Relative density	> 1	
Water solubility	Insoluble in water	
Solubility in other solvents	No information available	
Partition coefficient	No information available	
Autoignition temperature	No information available	
Decomposition temperature	No information available	
Kinematic viscosity	-	Not applicable
Dynamic viscosity	-	Not applicable
Explosive properties	May form combustible dust concentrations in air	
Oxidizing properties	Not oxidizing	

Other Information

Softening point	No information available
Molecular weight	No information available
VOC Content (%)	0
Density	0.94 g/cm ³ (estimated)
Bulk density	No information available

10. STABILITY AND REACTIVITY

Reactivity

No data available

Chemical stability

Stable under recommended storage conditions.

Possibility of Hazardous Reactions

Hazardous polymerization does not occur.

Conditions to avoid

Dust formation.

Incompatible materials

Strong oxidizing agents.

Hazardous Decomposition Products

Thermal decomposition can lead to release of irritating and toxic gases and vapors.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information

Primary routes of exposure: inhalation, skin and eye contact

Inhalation

Inhalation of dust in high concentration may cause irritation of respiratory system.

Eye contact

Contact with eyes may cause irritation.



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Skin contact Not expected to be a skin irritant; prolonged skin contact may cause irritation.

Ingestion Not an expected route of exposure. May cause irritation.

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Aluminum hydroxydistearate 300-92-5	> 5,000 mg/kg (Rat)	> 5,000 mg/kg (Rat)	-
Stearic acid 57-11-4	-	> 5 g/kg (Rabbit)	-

Information on toxicological effects

Symptoms Product dust may be irritating to eyes, skin and respiratory system.

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

Sensitization Not expected.
Germ cell mutagenicity None known.
Carcinogenicity This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.
Reproductive toxicity This product does not contain any known or suspected reproductive hazards.
STOT - single exposure None known.
STOT - repeated exposure None known.
Aspiration hazard Not applicable.

Numerical measures of toxicity - based on similar materials

ATEmix (oral) > 5,000
ATEmix (dermal) > 5,000

12. ECOLOGICAL INFORMATION

Ecotoxicity

Based on available data, the classification criteria are not met

Persistence and degradability

No information available.

Bioaccumulation

No information available.

Other adverse effects

No information available

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Disposal of wastes This material, as supplied, is not a hazardous waste according to state and federal regulations (40 CFR 261). Dispose of in accordance with federal, state and local regulations.

Contaminated packaging Dispose of in accordance with federal, state and local regulations.

14. TRANSPORT INFORMATION

DOT Not regulated

TDG Not regulated



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<u>MEX</u>	Not regulated
<u>ICAO (air)</u>	Not regulated
<u>IATA</u>	Not regulated
<u>IMDG</u>	Not regulated
<u>ADR</u>	Not regulated

15. REGULATORY INFORMATION

International Inventories

TSCA	Complies
DSL/NDSL	Complies with DSL
EINECS/ELINCS	Complies
ENCS	Complies
IECSC	Complies
KECL	Complies
PICCS	Complies
AICS	Complies

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

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

SARA 311/312 Hazard Categories

Should this product meet EPCRA 311/312 Tier reporting criteria at 40 CFR 370, refer to Section 2 of this SDS for appropriate classifications. Under the amended regulations at 40 CFR 370, EPCRA 311/312 Tier II reporting for the 2017 calendar year will need to be consistent with updated hazard classifications.

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)

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). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

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 by state right-to-know regulations

U.S. EPA Label Information

EPA Pesticide Registration Number Not applicable



Prairie Mud Service

Fluid Solutions Thru Experience and Technology

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16. OTHER INFORMATION, INCLUDING DATE OF PREPARATION OF THE LAST REVISION

HMIS Health hazards 1 Flammability 1 Physical hazards 0 Personal protection E

Prepared By G. Seagrave

Issue Date 20-May-2015

Revision Date 15-May-2018

Revision Note

SDS sections updated: 2, 3, 9, 11.

Disclaimer

The information provided in this Material 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

Acute health hazard	No
Chronic Health Hazard	No
Fire hazard	No
Sudden release of pressure hazard	No
Reactive Hazard	No