

SAFETY DATA SHEET

Revision date 2026-Jun-22

Revision number 2

1. IDENTIFICATION

Product identifier

Product name Ammonium Stearate

Other means of identification

Product code 1400P
Synonyms Ammonium Stearate Dispersion

Recommended use of the chemical and restrictions on use

Recommended use [RU] No information available
Uses advised against None known

Details of the supplier of the safety data sheet

Supplier GEO Specialty Chemicals UK Ltd
Charleston Road, Hardley, Hythe
Southampton, Hampshire SO45 3ZG
United Kingdom
Phone: +44 (0)23 80894666
Fax No: +44 (0)23 80243113

Manufacturer Address GEO Specialty Chemicals UK Ltd
Charleston Road, Hardley, Hythe
Southampton, Hampshire SO45 3ZG
United Kingdom
Phone: +44 (0)23 80894666
Fax No: +44 (0)23 80243113

Contact Point safety-data-sheet-fp@geosc.com

Emergency telephone number

24 Hour Emergency Phone Number CHEMTREC: (800) 424-9300
Outside USA - +1 (703) 527-3887 collect calls accepted

2. HAZARDS IDENTIFICATION

Classification

OSHA Regulatory Status

This chemical is considered hazardous by the 2024 OSHA Hazard Communication Standard (29 CFR 1910.1200).

Serious eye damage/eye irritation	Category 2
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EMERGENCY OVERVIEW

Physical state liquid	Color off-white	Odor slight ammonia
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GHS Label elements, including precautionary statements**WARNING****Hazard statements**

Causes serious eye irritation.

Precautionary Statements - Prevention

Wash face, hands and any exposed skin thoroughly after handling. Wear eye/face protection.

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.

Other information

- Not applicable

Unknown acute toxicity

- 25 - 35% of the mixture consists of ingredient(s) of unknown toxicity

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical name	CAS No	Weight-%	TRADE SECRET
Water	7732-18-5	< 75%	*
Ammonium Stearate	1002-89-7	< 35%	*
Proprietary Glycol	PROPRIETARY	< 10%	*

If CAS number is "proprietary", the specific chemical identity and percentage of composition has been withheld as a trade secret.

*The exact percentage (concentration) of composition has been withheld as a trade secret While some substances are claimed as trade secret in accordance with the provision of OSHA 29 CFR 1910.1200(i), all known hazards are clearly communicated within this document

4. FIRST AID MEASURES

Description of first aid measures**Eye contact**

Remove contact lenses, if worn. Immediately flush with plenty of water for at least 15 minutes, holding eyelids apart to ensure flushing of the entire surface. Washing within one minute is essential to achieve maximum effectiveness. Get medical attention if irritation develops and persists.

Skin contact

Immediately flush skin with plenty of soap and water for at least 15 minutes. Remove contaminated clothing and shoes. Wash

contaminated clothing before reuse. If skin irritation occurs: Get medical advice/attention.

Ingestion

Do NOT induce vomiting. If vomiting should occur spontaneously, keep airway clear. Never give anything by mouth to an unconscious person. Get medical attention.

Inhalation

Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Call a physician immediately.

Most important symptoms and effects, both acute and delayed**Acute effects**

Skin, eye and respiratory tract irritation.

Chronic effects

Dermatitis. May aggravate existing skin, eye and lung conditions.

Indication of any immediate medical attention and special treatment needed**Note to physicians**

Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Extinguishing media**Suitable extinguishing media**

Water fog, carbon dioxide, foam, dry chemical.

Extinguishing media which must not be used for safety reasons

No information available.

Special hazards arising from the substance or mixture**Special Hazard**

Slippery, can cause falls if walked on.

Advice for firefighters**Firefighting measures**

Use self-contained breathing apparatus in confined areas. Cool exposed containers with water spray after extinguishing fire.

Special protective equipment for firefighters

Full protective clothing and approved self-contained breathing apparatus required for firefighting personnel.

Explosion data**Sensitivity to Mechanical Impact**

None.

Sensitivity to Static Discharge

None.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal precautions

Wear suitable protective clothing and gloves.

Environmental precautions**Environmental precautions**

Do not permit run-off to get into sewers or surface waterways.

Methods and material for containment and cleaning up**Methods for containment**

Prevent further leakage or spillage if safe to do so.

Methods for cleaning up

Clear spills immediately. Contain large spill and remove using a vacuum truck. Soak up small spills with inert absorbent material and place in a labeled waste container for disposal. Provide adequate ventilation to spill area. Spills of solution are extremely slippery so all residue must be removed promptly.

7. HANDLING AND STORAGE

Precautions for safe handling**Advice on safe handling**

Keep container closed when not in use

Mix well before using.

Avoid contact with eyes, skin and clothing. Wear chemical splash goggles, gloves, and protective clothing when handling. Wash thoroughly after handling

Avoid breathing vapors or mists

Use with adequate ventilation and employ respiratory protection where mist or vapors may be generated.

Do not take internally

FOR INDUSTRIAL USE ONLY.

Conditions for safe storage, including any incompatibilities**Technical measures and storage conditions**

Store at 40 - 90° F in original closed containers.

Ammonia soaps have an appreciable ammonia vapor pressure and decompose on continued atmospheric exposure to a fatty acid residue.

Protect from freezing in storage and transit.

Incompatible products

Oxidizing agents.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters**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**

Local exhaust ventilation as necessary to maintain exposures to within applicable limits. Please refer to the ACGIH document,

"Industrial Ventilation, A Manual of Recommended Practices", most recent edition, for details. If there are no applicable or established exposure limit requirements or guidelines, general ventilation should be sufficient.

Individual protection measures, such as personal protective equipment

Eye/face Protection

Wear chemical splash goggles and face shield (when eye and face contact is possible due to splashing or spraying of material).

Hand Protection

Appropriate chemical resistant gloves should be worn

Skin and body protection

Standard work clothing and work shoes.

Respiratory protection

NIOSH/MSHA approved respirator if necessary. Follow manufacturer's recommendations.

Other personal protection data

Safety showers and eyewash located in immediate area. Standard work clothing and work shoes.

Hygiene measures

Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical state	liquid
Color	off-white
Appearance	opaque
Odor	slight ammonia
Odor threshold	No information available

<u>Property</u>	<u>Values</u>	<u>Remarks Method</u>
pH	10.5	as is
Melting / freezing point	No information available	No information available
Boiling point / boiling range	Decomposes No information available Decomposes	No information available
Flash point	> 93 °C / > 200 °F	Pensky-Martens Closed Cup (PMCC)
Evaporation rate	No information available	No information available
Flammability (solid, gas)	Not applicable	No information available
Flammability Limit in Air		
Upper flammability limit	No information available	No information available
Lower flammability limit	No information available	No information available
Vapor pressure	Slight No information available	No information available
Relative vapor density	1	No information available
Specific gravity	No information available 1.00	No information available
Solubility (water)	dispersible	No information available

Solubility in other solvents	No information available	No information available
Partition coefficient: n-octanol/water	No information available	No information available
Autoignition temperature	No information available	No information available
Decomposition temperature	No information available	No information available
Kinematic viscosity	No information available	No information available
Dynamic viscosity	No information available	400 cps max @ Brookfield, as is 25 °C

Other information

Particle characteristics Not applicable

Density	No information available	8.3 lb/gal @ 20 °C
Bulk Density	No information available	
Molecular weight	No information available	
Volatile Organic Compound (VOC) content, wt.%	No information available	
Percent Volatile, wt.%	69 %	

10. STABILITY AND REACTIVITY

Reactivity**Reactivity**

No data available.

Chemical stability**Chemical stability**

Stable.

Possibility of hazardous reactions**Possibility of hazardous reactions**

None under normal processing.

Hazardous polymerization

Hazardous polymerization does not occur.

Conditions to avoid**Conditions to avoid**

Avoid freezing.

Incompatible materials**Materials to avoid**

Oxidizing agents.

Hazardous decomposition products

Hazardous decomposition products

Oxides of carbon and nitrogen, ammonia.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Eye contact

Can cause moderate to severe irritation.

Skin contact

May cause irritation, especially on prolonged or repeated contact.

Ingestion

Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Inhalation

Inhalation of mist or vapor may cause respiratory tract irritation.

Acute toxicity - Product Information

Oral LD50 No information available

Dermal LD50 No information available

Inhalation LC50 No information available

Acute toxicity - Component Information

Chemical name	Weight-%	Oral LD50	Dermal LD50	Inhalation LC50
Proprietary Glycol	< 10%	= 22 g/kg (Rat)	> 20 g/kg (Rabbit)	--

Symptoms related to the physical, chemical and toxicological characteristics

Symptoms

No information available.

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

Skin corrosion/irritation

Mild skin irritation

Serious eye damage/eye irritation

Irritating to eyes

Sensitization

No information available

Germ cell mutagenicity

No information available

Carcinogenicity

This product does not contain any components in concentrations greater than or equal to 0.1% that are listed as known or suspected carcinogens by NTP, IARC, ACGIH, or OSHA.

Reproductive toxicity

No information available

Specific target organ toxicity - Single exposure

No information available.

Specific target organ toxicity - Repeated exposure

No information available

Aspiration hazard

No information available.

Numerical measures of toxicity - Product Information

- 25 - 35% of the mixture consists of ingredient(s) of unknown toxicity

Interactive effects

No information available

Other information

Conclusions are drawn from sources other than direct testing.

12. ECOLOGICAL INFORMATION**Ecotoxicity****Acute aquatic toxicity - Product Information**

Fish	No information available
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Crustacea	No information available
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Algae/aquatic plants	-
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Acute aquatic toxicity - Component Information**Persistence and degradability****Persistence and degradability**

No information available

Bioaccumulative potential**Bioaccumulative potential**

No information available

Mobility**Mobility**

No information available

Results of PBT and vPvB assessment**PBT and vPvB assessment**

No information available

Other adverse effects

Other information

No other ecological studies have been carried out on this product.

13. DISPOSAL CONSIDERATIONS**Waste treatment methods****Disposal of wastes**

Avoid landfilling liquids. Dispose of product in an approved chemical waste landfill or incinerate in accordance with applicable Federal, state and local regulations.

Contaminated packaging

Since empty containers retain product residue, follow label warnings even after container is emptied.

14. TRANSPORT INFORMATION

DOT	Not regulated
ICAO/IATA	Regulated
UN number	UN3334
Proper shipping name	Aviation Regulated Liquid, N.O.S. (Ammonium Stearate)
Hazard class	9
ERG Code	9A
IMDG	Not regulated

15. REGULATORY INFORMATION**International Inventories****United States (TSCA)**

All ingredients are on the inventory or exempt from listing

Australia (AICS)

All ingredients are on the inventory or exempt from listing

Canada (DSL)

All ingredients are on the inventory or exempt from listing

Canada (NDSL)

None of the ingredients are on the inventory.

China (IECSC)

All ingredients are on the inventory or exempt from listing

European Union (EINECS)

All ingredients are on the inventory or exempt from listing

European Union (ELINCS)

None of the ingredients are on the inventory.

Japan (ENCS)

All ingredients are on the inventory or exempt from listing

KECL

All ingredients are on the inventory or exempt from listing

Philippines (PICCS)

Some ingredients are not on the inventory.

Legend

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

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

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).

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

Chemical name	Weight-%	SARA 313 - Threshold Values %
Ammonium Stearate 1002-89-7	< 35%	1.0 % de minimis concentration (10% of total aqueous Ammonia is reportable under this listing)

• As indicated above, this product contains an ingredient(s) subject to the reporting requirements of SARA Title III, Section 313 (40 CFR Part 372). This document constitutes the notification required by the SARA regulations and this notification statement must not be detached from the SDS. If the SDS is copied for any reason, including distribution, this notice must also be copied and accompany all redistributed SDS's. Failure to do so may subject you to penalties under law.

U.S. State Regulations

California Proposition 65

This product does not contain any Proposition 65 chemicals.

U.S. State Right-to-Know Regulations

Ammonium Stearate 1002-89-7	
Minnesota Hazardous Substance List	Present (including dust)
Polyethylene Glycol 25322-68-3	
Minnesota Hazardous Substance List	Present

16. OTHER INFORMATION

NFPA Rating	Health hazards - 2	Flammability - 1	Instability - 0	HMIS Rating
Health hazards - 2	Flammability - 1	Physical hazards - 0	Personal protection - B	

Product code 1400P
Revision date 2026-Jun-22
Revision number 2

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