
1. PRODUCT AND COMPANY IDENTIFICATION

Product name	Ammonium Acetate
Synonyms	Salmiac
Grade	ACS, HPLC, Pesticide, Anapremium, LCMS, Trace Metal, Trace Metal Plus
Company	Anaqua Chemicals Supply 1510 Eldridge Parkway, Suite 110-268 Houston, TX 77077, USA
Telephone	(281) 668-0032
Fax	(281) 668-0033

2. COMPOSITION/ INFORMATION ON INGREDIENTS

Formula	H ₄ CIN
CAS-No.	12125-02-9
Index-No.	017-014-00-8
Ec-No.	235-186-4
Concentration	> 95 %

3. HAZARDS IDENTIFICATION**GHS Classification**

Acute toxicity, Oral	Category 4
Eye irritation	Category 2

Classification according to EU Directives 67/548/EEC or 1999/45/EC

Harmful if swallowed. Irritating to eyes..

4. FIRST AID MEASURES

Inhalation	If breathed in, move to fresh air. If not breathing, give artificial respiration. Consult a physician.
Ingestion	Rinse mouth with water. Consult a physician immediately.
Skin Contact	Immediately wash off with plenty of water for at least 15 minutes. Consult a physician.
Eye Contact	Rinse through with plenty of water for at least 15 minutes. Consult a physician.
Note to Physician	Treat symptomatically

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Special protective equipment	Wear self contained breathing apparatus for fire fighting if necessary.
Special hazards arising from the mixture	No available information The product itself does not burn.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions	Use personal protective equipment. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas.
Environmental precautions	Do not let product enter drains
Methods for cleaning up	Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers for disposal.

7. HANDLING AND STORAGE

Handling	Avoid contact with skin and eyes. Avoid formation of dust and aerosols. Provide appropriate exhaust ventilation at places where dust is formed.
Storage	Store in cool place. Keep container tightly closed in a dry and well-ventilated place. Hygroscopic.

8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

Occupational exposure controls

Engineering Measures	Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.
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Personal protective Equipment

Respiratory protection	Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU)
Hand protection	Wear appropriate protective gloves.
Eye protection	Tightly fitting safety glasses.
Skin and body protection	Protective clothes should be selected specifically for the work place according to concentration and quantity of the chemical handled.
Hygiene Measures	Handle in accordance with good industrial hygiene and safety practice. Wash hands and face before breaks and at the end of working day.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form	Powder
Color	No data available
pH	4.5 – 5.5 at 50.00000 g/l at 20 °C
Oxidizing properties	No data available
Melting point	340 °C
Boiling point	No data available
Flash point	Not applicable
Lower explosion limit	No data available
Upper explosion limit	No data available
Vapor pressure	1.3 hPa at 160.4 °C
Density	No data available

Water solubility	Soluble
Bulk density	500 kg/m ³
Molecular weight	53.49

10. STABILITY AND REACTIVITY

Storage stability	No information available
Conditions to avoid	Exposure to moisture.
Materials to avoid	Strong oxidizing agents, Strong acids
Hazardous decomposition products	No information available

11. TOXICOLOGICAL INFORMATION

Acute toxicity	LD50 Oral - rat – 1,650 mg/kg
Skin irritation	Skin - rabbit - No skin irritation
Eye irritation	Eyes - rabbit - Eye irritation
Sensitization	No information available
Carcinogenicity	IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.
Potential health effects	Inhalation May be harmful if inhaled. Causes respiratory tract irritation. Ingestion May be harmful if swallowed. Skin May be harmful if absorbed through skin. Causes skin irritation. Eyes Causes serious eye burns
Symptoms of Exposure	To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.
Additional Information	RTECS: BP4550000

12. ECOLOGICAL INFORMATION

Persistence and degradability	No information available
Ecotoxicity	No information available
Toxicity to fish	LC50 - Cyprinus carpio (Carp) - 209,00 mg/l - 96 h LC50 - Oncorhynchus mykiss (rainbow trout) - 3,98 mg/l - 96 h NOEC - Oncorhynchus mykiss (rainbow trout) - 57 mg/l - 96 h
Toxicity to daphnia and other aquatic invertebrates	LC50 - Daphnia magna (Water flea) - 161 mg/l - 48 h Growth inhibition NOEC - Daphnia magna (Water flea) - 0,1 mg/l - 216 h
Bioaccumulative potential	No information available
Other adverse effects	Toxic to aquatic life.

13. DISPOSAL CONSIDERATIONS

Product	Offer surplus and non-recyclable solutions to a licensed disposal company
Packaging	Dispose of as unused product.

14. TRANSPORT INFORMATION

IATA

UN-Number: - Class: - Packing group: -

Proper shipping name: Not dangerous goods

IMDG

UN-Number: - Class: - Packing group: -

Proper shipping name: Not dangerous goods

DOT (US)

UN-Number: - Class: - Packing group: -

Proper shipping name: Not dangerous goods

Marine pollution: No

15. REGULATORY INFORMATION

Hazard statements

H302 Harmful if swallowed.

H319 Causes serious eye irritation.

Precautionary statements

P305 + P351 + P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

GHS-Labeling

Pictogram



Signal word *Warning*

R-phrase(s): 22-36

Harmful if swallowed. Irritating to eyes.

S-phrase(s): 22

Do not breathe dust.

16. OTHER INFORMATION

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