

1: Identification of substance / mixture

1. Product Identifier

Substance

Product Name **Ammonium acetate**
Product Code A20600
CAS Number 631-61-8
Other Names
IUPAC
MFCN Number
EC/EINECS 211 - 162 - 9
REACH Number Index-No

2. Relevant identified uses of the substance or mixture and uses advised against

For laboratory research use

3. Details of the supplier of the safety data sheet

Melford Laboratories Ltd
Bildeston Road, Chelsworth
Ipswich
Suffolk
IP77LE
UK



Telephone: 01449 741178
Fax: 01449 741217
Email: support@melford.co.uk

4. Emergency telephone number

+44(0)1449 741178 -

2. Hazards Identification

1. Classification of the substance or mixture

Non Hazardous

2. Label elements

Non Hazardous

Hazard Statements

Non Hazardous

Precautionary Phrases

Non Hazardous

3. Other Hazards

Non Hazardous

3. Composition / Information on Ingredients

1. Substances

Product Name	Hazards	Concentration
Ammonium acetate		
CAS Number: 631-61-8 EC/EINECS: 211 - 162 - 9		<=100%

4. First Aid Measures

1. Description of first aid measures

Skin Contact Wash immediately with plenty of soap and water.
Consult a doctor.

Eye Contact

Rinse opened eye for several minutes under running water. Ensure adequate flushing by separating the eyelids with fingers
Consult a doctor.

Ingestion Never give anything by mouth to an unconscious person. Rinse mouth with water.
Consult a doctor.

Inhalation Remove casualty from exposure ensuring one's own safety whilst doing so.
If breathed in, move person into fresh air. If not breathing, give artificial respiration.

2. Most important symptoms and effects

The most important known symptoms and effects are described in section 11

3. Indication of any immediate medical attention

No data available

5. Firefighting measures

1. Extinguishing Media

Suitable Water spray. Carbon dioxide. Polymer foam. Dry chemical powder.

Unsuitable No data

2. Special Hazards arising from the substance or mixture

In combustion emits toxic fumes:
Carbon dioxide / carbon monoxide.

3. Advice for Fire Fighters

Wear self-contained breathing apparatus. Wear protective clothing to Prevent Contact with skin and eyes.

6. Accidental Release Measures

1. Personal Precautions

Refer to section 8 of SDS for personal protection details.
Avoid dust formation. Avoid breathing vapours, mist or gas

2. Environmental Precautions

Do not discharge into drains or rivers.

3. Methods & Materials

Transfer to a closable, labelled salvage container for disposal by an appropriate method.

4. Preventing the occurrence of secondary hazards.

Clean up all spills immediately. Wear suitable PPE.

7. Handling and Storage

1. Personal Precautions

Safe Handling Ensure there is exhaust ventilation of areas where dusts may form.

Protection against explosions and fires Normal measures for preventive fire protection.

2. Conditions for safe storage, including any incompatibilities

Managing Storage Risks Store cold 2-8 ° C.

Storage Controls No special requirements

Maintaining Integrity Store away from oxidising agents

Other advice No further information available.

3. Specific End Uses

The end use (s)-have-been not fully Determined. The substance is supplied for Research and Development in purposes by professionals only.

8. Exposure Controls/Personal Protection

1. Control Parameters

No Data Available

2. Exposure Controls

<i>General protective and hygiene measures</i>	The standard precautionary measures should be adhered to when handling
<i>Engineering measures</i>	Ensure there is exhaust ventilation of areas where dusts may form.
<i>Eye / Face Protection</i>	Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU)
<i>Hand protection</i>	Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands. The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it
<i>Respiratory protection</i>	Respiratory protection is not required. Where protection from nuisance levels of dusts are desired, use type N95 (US) or type P1 (EN 143) dust masks. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).
<i>Skin protection</i>	Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place., The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.
<i>Other personal protection advice</i>	No data.

9. Physical and Chemical Properties

1. Physical and Chemical Properties

Appearance	Colorless crystalline
Odour	Unpleasant and characteristic
Odour threshold	No Data Available
PH	6.5 - 7.5 at 77.1 g/l at 25 °C
Melting point / Freezing point	110 - 114 °C
Initial boiling point and boiling range	No Data Available
Flash point	No Data Available
Evaporation rate	No Data Available
Flammability(solid,gas)	No Data Available
Upper/lower flammability or explosive limits	No Data Available
Vapour pressure	No Data Available
Vapour density	No Data Available
Relative density	No Data Available
Solubility(ies):	Water: 77.1 g/l at 20 °C - completely soluble
Partition coefficient: n-octanol/water	No Data Available
Auto-ignition temperature	No Data Available
Decomposition temperature	No Data Available
Viscosity	No Data Available
Explosive properties	No Data Available
Oxidising properties	No Data Available

2. Other Information

No additional information available

10. Stability and Reactivity

1. Reactivity

No data available

2. Stability

Stable under recommended storage conditions.

3. Possibility of Hazardous Reactions

no data available

4. Conditions to Avoid

Exposure to moist air and water

5. Incompatible Materials

Strong oxidizing agents.
Strong acids.

6. Hazardous Decomposition Products

No data

11. Toxicology information

1. Information

<i>Acute Toxicity</i>	LD50 Intraperitoneal-mouse-736 mg/kg
<i>Skin corrosion/irritation</i>	No information available
<i>Serious eye Damage/irritation</i>	No information available
<i>Respiratory or skin sensitisation</i>	No information available
<i>Germ Cell mutagenicity</i>	Observed inhibition in rat livers at 1 mmol / L
<i>Carcinogenicity</i>	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.
<i>Reproductive toxicity</i>	No information available
<i>STOT-single exposure</i>	No information available
<i>STOT-repeated exposure</i>	No information available
<i>Aspiration hazard</i>	No information available

2. Additional

RTECS: AF3675000

Gastrointestinal disturbance, To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

12. Ecological Information

1. Toxicity

Toxicity to fish:
LC50-Cyprinus carpio (Carp)-56 mg/l-48 h

2. Persistence and degradability

No information available

3. Bio-Accumulative Potential

No information available

4. Mobility and Soil

No information available

5. Results of PBT & vPvB assessment

PBT/vPvB assessment not available as chemical safety assessment not required/not conducted

6. Other adverse effects

No information available

13. Disposal Considerations

1. Waste Treatment Methods

Disposal Operations Hand over to Authorised disposal company as hazardous waste.
Disposal of Packaging Disposal must be made official According To Act or the.

14. Transport Information

Air (ICAO)

Not classified as hazardous for transport

Road (ADR)

Not classified as hazardous for transport

Sea (IMDG)

Not classified as hazardous for transport

15. Safety, health, environmental and national regulations

1. Safety, health, environmental and national regulations:

Product is not subject to any additional regulations or reserves.

2. Safety Assessment

No Chemical Safety Assessment

16. Other Information

1. Other Information:

This safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006 ADR: European Agreement on the Transport of Dangerous Goods by Road (European Agreement Concerning the International Carriage of Dangerous Goods by Road) RID: Regulations concerning the International Transport of Dangerous Goods by Rail (Regulations Concerning the International Transport of Dangerous Goods by Rail) IMDG: International Maritime Code for Dangerous Goods IATA: International Air Transport Association I

3. Disclaimer

The information provided on this SDS is proper to the best of our knowledge, information and belief at the date of publication. Given the information is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the material designated and specific. May not be valid for use of such material in combination with other material or in any process.