Ammonium Actetate



Section 1 Product Description

Product Name: Ammonium Actetate

Recommended Use: Science education applications **Synonyms:** Acetic Acid, Ammonium salt

Distributor: Carolina Biological Supply Company

2700 York Road, Burlington, NC 27215

1-800-227-1150

Chemical Information: 800-227-1150 (8am-5pm (ET) M-F)

Chemtrec: 800-424-9300 (Transportation Spill Response 24 hours)

Section 2 Hazard Identification

Classification of the chemical in accordance with paragraph (d) of §1910.1200;

Toxic to aquatic life.

GHS Classification:

Hazardous to the aquatic environment - Acute Category 2

Section 3 Composition / Information on Ingredients

 Chemical Name
 CAS #
 %

 Ammonium Acetate
 631-61-8
 100

Section 4 First Aid Measures

Emergency and First Aid Procedures

Inhalation: In case of accident by inhalation: remove casualty to fresh air and keep at rest.

Eyes: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

Skin Contact: After contact with skin, wash immediately with plenty of water.

Ingestion: If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.

Section 5 Firefighting Procedures

Extinguishing Media: Water spray. Dry chemical Alcohol foam Carbon dioxide

Fire Fighting Methods and Protection: Firefighters should wear full protective equipment and NIOSH approved self-contained

breathing apparatus.

Fire and/or Explosion Hazards: Fire or excessive heat may produce hazardous decomposition products.

Hazardous Combustion Products: Carbon dioxide, Carbon monoxide

Section 6 Spill or Leak Procedures

Steps to Take in Case Material Is Released or Spilled:

No health affects expected from the clean-up of this material if contact can be avoided. Follow personal protective equipment recommendations found in Section 8 of this (M)SDS

Avoid the generation of dusts during clean-up.

Prevent the spread of any spill to minimize harm to human health and the environment if safe to do so. Wear complete and proper personal protective equipment following the recommendation of Section 8 at a minimum. Dike with suitable absorbent material like granulated clay. Gather and store in a sealed container pending a waste disposal evaluation. Do not allow the spilled product to enter public drainage system or open waterways.

Section 7 Handling and Storage

Handling: Avoid release to the environment. Avoid contact with skin and eyes. Avoid creating and inhaling dust.

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Storage: Keep container tightly closed in a cool, well-ventilated place.

Suitable for any general chemical storage.

Storage Code: Green - general chemical storage

Protection Information Section 8

OSHA PEL ACGIH

Chemical Name (TWA) (TWA) (STEL) (STEL) No data available N/A N/A N/A N/A

Control Parameters

Engineering Measures: No exposure limits exist for the constituents of this product. General room ventilation

might be required to maintain operator comfort under normal conditions of use.

Personal Protective Equipment (PPE): Lab coat, apron, eye wash, safety shower.

Respiratory Protection: No respiratory protection required under normal conditions of use.

Eye Protection: Wear chemical splash goggles when handling this product. Have an eye wash station

available.

Skin Protection: Avoid skin contact by wearing chemically resistant gloves, an apron and other protective

> equipment depending upon conditions of use. Inspect gloves for chemical break-through and replace at regular intervals. Clean protective equipment regularly. Wash hands and other exposed areas with mild soap and water before eating, drinking, and when leaving

Nitrile

Section 9 Physical Data

Formula: CH3COONH4 Vapor Pressure: N/A Molecular Weight: 77.08 g/mol

Appearance: White Crystals

Odor: Mild

Gloves:

Odor Threshold: No data available pH: 7, conc: 0.5 M (solution)

Melting Point: 114 C

Boiling Point: No data available

Flash Point: 136 C

Flammable Limits in Air: N/A

Evaporation Rate (BuAc=1): N/A Vapor Density (Air=1): N/A Specific Gravity: 1.17 @ 20°C Solubility in Water: Soluble

Log Pow (calculated): No data available Autoignition Temperature: No data available **Decomposition Temperature:** No data available

Viscosity: No data available Percent Volatile by Volume: N/A

Section 10 Reactivity Data

Reactivity: Not generally reactive under normal conditions.

Chemical Stability: Stable under normal conditions.

Conditions to Avoid: Exposure to moisture **Incompatible Materials:** Acids, Oxidizing materials

Hazardous Polymerization: Will not occur

Section 11 **Toxicity Data**

Inhalation and ingestion. Routes of Entry Symptoms (Acute): Respiratory disorders **Delayed Effects:** No data available

Acute Toxicity:

Chemical Name CAS Number Oral LD50 **Dermal LD50** Inhalation LC50 No data available 631-61-8 Not determined Not determined Not determined

Carcinogenicity:

Chemical Name CAS Number IARC NTP OSHA No data available Not listed Not listed 631-61-8 Not listed

Chronic Effects:

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Mutagenicity: No evidence of a mutagenic effect.

Teratogenicity: No evidence of a teratogenic effect (birth defect).

Sensitization: No evidence of a sensitization effect. **Reproductive:** No evidence of negative reproductive effects.

Target Organ Effects:

Waste Disposal Code(s):

Acute: See Section 2

Chronic: Not listed as a carcinogen by IARC, NTP or OSHA.

Section 12 Ecological Data

Overview: Severe ecological hazard. This product may be toxic to plants and/or wildlife. Keep out of

waterways.

Mobility: No data
Persistence: No data
Bioaccumulation: No data

Degradability: Biodegrades very quickly.

Other Adverse Effects: No data

Chemical Name CAS Number Eco Toxicity

Ammonium Acetate 631-61-8 48 HR LC50 CYPRINUS CARPIO 1.06 MG/L

Section 13 Disposal Information

Disposal Methods: Dispose in accordance with all applicable Federal, State and Local regulations. Always

contact a permitted waste disposer (TSD) to assure compliance. This material is not considered to be a RCRA hazardous waste.

Section 14 Transport Information

Ground - DOT Proper Shipping Name: Air - IATA

UN number: 3077 Class: 9 Packing group: III Proper shipping name: Environmentally hazardous substance, solid, n.o.s. (Ammonium acetate) Reportable Quantity (RQ): 5000 lbs Marine

pollutant: No Poison Inhalation Hazard: No

Air - IATA Proper Shipping Name:Not regulated for air transport by IATA

Section 15 Regulatory Information

TSCA Status: All components in this product are on the TSCA Inventory.

Chemical Name CAS § 313 Name § 304 RQ **CERCLA RQ** § 302 TPQ **CAA 112(2)** Number TQ Ammonium Acetate 631-61-8 5000 lb 5000 lb final No No Nο RQ RQ; 2270 kg final RQ

Section 16 Additional Information

Revised: 09/09/2015 Replaces: 09/03/2014 Printed: 10-29-2015

The information provided in this (Material) Safety Data Sheet represents a compilation of data drawn directly from various sources available to us. Carolina Biological Supply makes no representation or guarantee as to the suitability of this information to a particular application of the substance covered in the (Material) Safety Data Sheet.

Glossary

American Conference of Governmental ACGIH NTP National Toxicology Program Industrial Hygienists Occupational Safety and Health Administration **OSHA** Chemical Abstract Service Number Permissible Exposure Limit CAS PEL **CERCLA** Comprehensive Environmental Response, Parts per million ppm Compensation, and Liability Act **RCRA** Resource Conservation and Recovery Act DOT U.S. Department of Transportation Superfund Amendments and Reauthorization Act SARA IARC International Agency for Research on Cancer TLV Threshold Limit Value N/A Not Available **TSCA** Toxic Substances Control Act **IDLH** Immediately dangerous to life and health

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