

SAFETY DATA SHEET

AMMONIUM CHLORIDE

SECTION 1: CHEMICAL AND COMPANY IDENTIFICATION

BioShop Canada Inc.
5480 Mainway
Burlington, Ontario L7L 6A4
1-800-234-1179
Emergency Telephone No.: 905-466-3832
Chemical Name: Ammonium chloride
Synonym: N/A
Catalog Number: AMC303

SECTION 2 HAZARDS IDENTIFICATION

GHS Classification

CLASSIFICATION:

Acute toxicity: Category 4
Eye irritant, Category 2A
Acute aquatic toxicity, Category 2

PICTOGRAM:



SIGNAL WORD: WARNING

HAZARD STATEMENTS:

H302- Harmful if swallowed
H319- Causes serious eye irritation
H401- Toxic to aquatic life

PRECAUTIONARY STATEMENTS:

P261-Avoid breathing dust/fume/gas/mist/vapors/spray.
P305+P351+P338- if in eyes: rinse cautiously with water for several minutes.
remove contact lenses if present and easy to do. Continue rinsing.

Potential Health Effects:

Inhalation: May be harmful if inhaled.
Skin: May be harmful if absorbed through skin
Eyes: Causes eye irritation
Ingestion: Harmful if swallowed

SECTION 3 COMPOSITION/ INGREDIENTS

Molecular formula: H4ClN
Molecular weight: 53.49 g/mol

	CAS #	EC-No.	%
Ammonium chloride	12125-02-9	235-186-4	100

SECTION 4 FIRST AID MEASURES

Eyes: Flush eyes with plenty of water. Consult a physician.
Skin: In case of contact, flush area immediately with water. Get medical aid if irritation persists.
Inhalation: Remove victim to fresh air. If breathing becomes difficult, give oxygen. Consult a physician..
Ingestion: Wash mouth with water. Do NOT induce vomiting. Consult a physician if you feel unwell.

SECTION 5 FIRE FIGHTING MEASURES

Flammability: not flammable
Flash Point: 113C-closed cup
Autoignition Temperature: not determined
Extinguishing Media: Use water spray, foam, dry chemical or carbon dioxide.
Explosion Data: Not available

SECTION 6 ACCIDENTAL RELEASE MEASURES

Personal precautions:
Ventilate the area. Wear appropriate protective equipment. Avoid contact with skin, eyes and clothing.
Methods for containment and clean up:
If safe to do so, contain further leakage. Sweep and place in a closed container. Dispose according to local regulations.

SECTION 7 HANDLING AND STORAGE

Handling: Do not get in eyes, on skin, or clothing. Wash thoroughly after handling. Wash contaminated clothing before reuse.
Storage Conditions: Room temperature. Keep cool and dry.

SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure limits:
Use adequate ventilation. AVOID DUST GENERATION.
Exposure limits:
ACGIH: 10mg/m3 TWA (fume)
NIOSH: 10mg/m3 (fume)
Wear appropriate protective equipment to prevent eye and skin exposure.
Wear appropriate respirator to prevent lung irritation.
..
Personal protective Equipment: Wear appropriate safety glasses and protective gloves/clothing. Use approved NIOSH respirator.
Engineering Measures: eye wash stations, ventilation systems, showers
Hygiene Measures: Handle in accordance with good industrial hygiene and safety practice. wash hands before and after handling product.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

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Appearance: White powder
Odor: no information found
Odor Threshold: : no information found
Melting Point: 328C
Boiling Point: no information found
Specific Gravity: no information found
Vapor Density: no information found
Vapor pressure: no information found
Water Solubility: soluble in water (10-50g/100ml)
pH: 4.5-5.5 @ 50g/L
Flammability: No
Flash point: no information found
Ignition temperature: no information found
Autoignition temperature: no information found
Lower explosion limit: no information found
Upper explosion limit: no information found

Not regulated
IATA:
Not regulated

SECTION 15 REGULATORY INFORMATION

Canada:
WHMIS:
D2B, Toxic material Causing Other Toxic Effects
Moderate eye irritant

SECTION 16 ADDITIONAL INFORMATION

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Date Prepared: Dec 29/2021
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The information provided on this Material Safety Data Sheet is furnished in good faith and without warranty of any kind. The above information is believed to be correct and should be used only as a guide. BioShop Canada Inc. shall not be held liable for any damage resulting from the handling or from the contact with the above product. Observe all federal, provincial and state laws concerning health, safety and pollution.

SECTION 10 STABILITY AND REACTIVITY:

Stability: Stable at normal room temperature and pressure
Conditions to avoid: dust generation
Incompatibility strong oxidizing agents, reducing agents.
Hazardous Decomposition Products: no information available
Hazardous Polymerization: Has not been reported

SECTION 11 TOXICOLOGICAL PROPERTIES

Exposure Limits:

LD50/LC50:
Oral LD50-rat-1650mg/kg

Epidemiology: No data available
Teratogenicity: No data available
Reproductive Effects: No data available
Neurotoxicity: No data available
Mutagenicity: No data available
Carcinogenicity: not listed by ACGIH, IARC, NTP, or CA

SECTION 12 ECOLOGICAL INFORMATION

Toxicity:
Toxicity to fish: LC50 Carp-209 mg/l-96hr.
Toxicity to daphnia: LC50 161mg/l - 48hr

SECTION 13 DISPOSAL CONSIDERATION

Waste Disposal: Care should be exercised when burning in chemical incinerator as this substance is flammable.. Observe all Federal, provincial and local regulations.

SECTION 14 TRANSPORT INFORMATION

Shipping Information:

DOT (US):
Not regulated
IMDG