

Material Safety Data Sheet

Ammonium Chloride Pure

ACC# 95878

Section 1 - Chemical Product and Company Identification

MSDS Name: Ammonium Chloride Pure

Catalog Numbers: AC123340000, AC123340010, AC123340250, AC123340250

Synonyms:

Eyes:

concentrations below the permissible exposure limits.

Exposure Limits

Chemical Name	ACGIH	NIOSH	OSHA - Final PELs
Ammonium chloride	10 mg/m ³ TWA; 20 mg/m ³ STEL	10 mg/m ³ TWA	none listed

OSHA Vacated PELs: Ammonium chloride: 10 mg/m³ TWA; 20 mg/m³ STEL

Personal Protective Equipment

Eyes: Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166.

Skin: Wear impervious gloves.

Clothing: Wear appropriate protective clothing to prevent skin exposure.

Respirators: Follow the OSHA respirator regulations found in 29CFR 1910.134 or European Standard EN 149. Always use a NIOSH or European Standard EN 149 approved respirator when necessary.

Section 9 - Physical and Chemical Properties

Physical State: Solid

Appearance: colorless or white

Odor: odorless

pH: 5.0 (10% sol at 25C)

Vapor Pressure: 1 mm Hg @ 160.4C

Hazardous Decomposition Products: Irritating and toxic fumes and gases, ammonia and hydrochloric acid fumes.

Hazardous Polymerization: May occur.

Section 11 - Toxicological Information

RTECS#:

CAS# 12125-02-9: BP4550000

LD50/LC50:

CAS# 12125-02-9:

Draize test, rabbit, eye: 500 mg/24H Mild;

Draize test, rabbit, eye: 100 mg Severe;

Oral, mouse: LD50 = 1300 mg/kg;

Oral, rat: LD50 = 1650 mg/kg;

Carcinogenicity:

CAS# 12125-02-9: Not listed by ACGIH, IARC, NIOSH, NTP, or OSHA.

Epidemiology: No information available.

Teratogenicity: No information available.

Reproductive Effects: No information available.

Neurotoxicity: No information available.

Mutagenicity: Cytogenetic analysis: hamster fibroblast, 400 mg/L.

Other Studies: None.

Section 12 - Ecological Information

Ecotoxicity: Fish: LC50 = 109.0 mg/L; 48 Hr.; Static conditions Sunfish (fresh water) TLm= 6 ppm/96H

Environmental: No information reported.

Physical: No information available.

Other: None.

Section 13 - Disposal Considerations

Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. US EPA guidelines for the classification determination are listed in 40 CFR Parts 261.3. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification.

RCRA P-Series: None listed.

RCRA U-Series: None listed.

Section 14 - Transport Information

US DOT

IATA

RID/ADR

IMO

Canada TDG

Shipping Name:	No information available.
Hazard Class:	
UN Number:	
Packing Group:	

No information available.

Section 15 - Regulatory Information

US FEDERAL

TSCA

CAS# 12125-02-9 is listed on the TSCA inventory.

Health & Safety Reporting List

None of the chemicals are on the Health & Safety Reporting List.

Chemical Test Rules

None of the chemicals in this product are under a Chemical Test Rule.

Section 12b

None of the chemicals are listed under TSCA Section 12b.

TSCA Significant New Use Rule

None of the chemicals in this material have a SNUR under TSCA.

SARA

Section 302 (RQ)

CAS# 12125-02-9: final RQ = 5000 pounds (2270 kg)

Section 302 (TPQ)

None of the chemicals in this product have a TPQ.

SARA Codes

CAS # 12125-02-9: acute, chronic.

Section 313

No chemicals are reportable under Section 313.

Clean Air Act:

This material does not contain any hazardous air pollutants. This material does not contain any Class 1 Ozone depletors. This material does not contain any Class 2 Ozone depletors.

Clean Water Act:

CAS# 12125-02-9 is listed as a Hazardous Substance under the CWA. None of the chemicals in this product are listed as Priority Pollutants under the CWA. None of the chemicals in this product are listed as Toxic Pollutants under the CWA.

OSHA:

None of the chemicals in this product are considered highly hazardous by OSHA.

STATE

CAS# 12125-02-9 can be found on the following state right to know lists: California, New Jersey, Florida, Pennsylvania, Minnesota, Massachusetts.

California No Significant Risk Level: None of the chemicals in this product are listed.

European/International Regulations

European Labeling in Accordance with EC Directives

Hazard Symbols:

XN

Risk Phrases:

R 22 Harmful if swallowed.

R 36 Irritating to eyes.

Safety Phrases:

S 22 Do not breathe dust.

WGK (Water Danger/Protection)

CAS# 12125-02-9: 1

Canada

CAS# 12125-02-9 is listed on Canada's DSL List. CAS# 12125-02-9 is listed on Canada's DSL List.

This product has a WHMIS classification of D2B.

CAS# 12125-02-9 is listed on Canada's Ingredient Disclosure List.

Exposure Limits

CAS# 12125-02-9: OEL-ARAB Republic of Egypt:TWA 10 mg/m³ (fume) OEL
-AUSTRALIA:TWA 10 mg/m³;STEL 20 mg/m³ (fume) OEL-BELGIUM:TWA 10 mg/m³
;STEL 20 mg/m³ (fume) OEL-DENMARK:TWA 10 mg/m³ (fume) OEL-FRANCE:TWA
10 mg/m³ (fume) OEL-THE NETHERLANDS:TWA 10 mg/m³ (fume) OEL-RUSSIA:
STEL 10 mg/m³ (fume) OEL-SWITZERLAND:TWA 6 mg/m³ (fume) OEL-UNITED K
INGDOM:TWA 10 mg/m³;STEL 20 mg/m³ (fume) OEL IN BULGARIA, COLOMBIA, J
ORDAN, KOREA check ACGIH TLV OEL IN NEW ZEALAND, SINGAPORE, VIETNAM c
heck ACGI TLV

Section 16 - Additional Information

MSDS Creation Date: 6/15/1999

Revision # 1 Date: 8/02/2000

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