

239100

MATERIAL SAFETY DATA SHEET

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SECTION 1 PRODUCT INFORMATION

BRAND NAME: PROLINE DATE WRITTEN: 1-26-2001
PRODUCT NAME: AMMONIUM CHLORIDE
CHEMICAL NAME: AMMONIUM SALT
CAS NUMBER: NONE – 12125-02-9
NFPA (704) RATING: HEALTH 1 FLAMMABILITY 0 REACTIVITY 0 SPECIAL 0

SECTION II HAZARDOUS INGREDIENTS/SARA III INFORMATION

HAZARDOUS COMPONENTS:		OTHER LIMITS		
NAME	CAS NUMBER	OSHA PEL	ACGIH TLV	OTHER % (OPTIONAL)
Ammonium chloride	12125-02-9			98-100%

SECTION III PHYSICAL/CHEMICAL CHARACTERISTIC

BULK GRAVITY: 2.53
SOLUBILITY IN WATER: 374 g/L VAPOR DENSITY: 1.9 (air = 1)
Molecular Weight: 53.49
BOILING POINT: 520 deg C
FREEZE POINT: N/A
EVAPORATION RATE: N/A
APPEARANCE AND ODOR : Corless/white, no odor.

SECTION IV FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (METHOD USED): NOT COMBUSTIBLE FLAMMABLE LIMITS: NEGLIGIBLE
FIRE HAZARD
EXTINGUISHING MEDIA: ALL STANDARD FIRE FIGHTING MEDIA. USE MATERIAL SUITABLE FOR SURROUNDING FIRE.
SPECIAL FIRE FIGHTING PROCEDURES: NONE KNOWN
UNUSUAL FIRE AND EXPLOSION HAZARD: NONE KNOWN

SECTION V REACTIVITY DATA

STABILITY: STABLE CONDITIONS TO AVOID: EXTREME HEAT
INCOMPATIBILITY (MATERIALS TO AVOID): STRONG ACIDS OR STRONG BASES. INTERHALOGENS, POTASSIUM CHLORATE AND SILVER SALTS.
HAZARDOUS DECOMPOSITION OR BYPRODUCTS: MAY YEILD AMMONIA, HYDROCHLORIC ACID AND NITROGEN OXIDE.

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR
CONDITIONS TO AVOID: NONE KNOWN

PRODUCT NAME: PROLINE AMMONIUM CHLORIDE

SECTION VI HEALTH HAZARD DATA

ROUTE(S) OF ENTRY: INHALATION? YES SKIN? YES INGESTION? YES EYES? YES

HEALTH HAZARDS (ACUTE AND CHRONIC): NONE KNOWN.

CARCINOGENICITY: NTP? N/A IARC MONOGRAPHS? N/A OSHA REGULATED? N/A

SIGNS AND SYMPTOMS OF EXPOSURE: INGESTION : MAY CAUSE GASTRIC DISTRESS
SKIN: MAY CAUSE IRRITATION FOLLOWING PROLONGED SKIN CONTACT.

EYES: WILL CAUSE IRRITATION .

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: ALLERGIES.

EMERGENCY AND FIRST AID PROCEDURES:

WASH SKIN WITH SOAP AND WATER, REMOVE CONTAMINATED CLOTHING AND WASH.
FLUSH EYES WITH WATER FOR 15 MINUTES IF IRRITATION PERSISTS OBTAIN MEDICAL ATTENTION.
IF SWALLOWED , . DO NOT INDUCE VOMITING. GIVE SEVERAL GLASSES OF WATER TO DILUTE AMMONIA. DO NOT GIVE FLUIDS IF VICTIM IS UNCONSCIOUS OR HAVING CONVULSIONS.

SECTION VII PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: SWEEP UP SPILL. PUT IN COMNTAINER.. DISPOSE OF MATERIAL PER LOCAL, STATE, AND FEDERAL REGULATIONS.

WASTE DISPOSAL METHOD: SMALL QUANTITIES AND LARGE QUANTITIES SWEEP UP AND PUT IN CONTAINER, DISPOSE IN LOCAL LAND FILL PER LOCAL, STATE, AND FEDERAL REGULATIONS. PRESENTS NO HEALTH HAZARD.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: STORE IN DRY PLACE..

OTHER PRECAUTIONS: NONE KNOWN

SECTION VIII CONTROL MEASURES

RESPIRATORY PRECAUTION (SPECIFY TYPE): NONE KNOWN

VENTILATION: LOCAL EXHAUST: NOT REQUIRED
MECHANICAL: NOT REQUIRED

SPECIAL: NONE KNOWN
SPECIAL: NONE KNOWN

PROTECTIVE GLOVES: NOT REQUIRED

EYE PROTECTION: NOT REQUIRED

OTHER PROTECTIVE CLOTHING OR EQUIPMENT : NONE KNOWN

WORK/HYGIENIC PRACTICES : WASH HANDS WITH SOAP AND WATER AFTER USE

ENVIRONMENTAL EVALUATION

EPA SUPERFUND (SARA TITLE III) - HAZARD CLASSIFICATION & ASSOCIATED INFORMATION : LISTED

EPA CERCLA/SUPERFUND, 40 CFR 302 (REPORTABLE SPILL QUANTITY) : LISTED

EPA SARA TITLE III , CFI 355 (EXTREMELY HAZARDOUS SUBSTANCES) : LISTED

EPA SARA TITLE III , 40 CR. 372 (LIST OF TOXIC CHEMICALS) ; NOT LISTED

CHEMICALS LISTED ON FOLLOWING CHEMICAL INVENTORIES :

TOSCO: LISTED

EPA - RCA (HAZARDOUS WASTE), 40 CFI 261 : LISTED

CALIFORNIA PROPOSITION 65: LISTED

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