



La-Mar-Ka, Inc

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Material Safety Data Sheet ANILINE HYDROCHLORIDE

View Num:	438
Solution Name:	ANILINE HYDROCHLORIDE
Cas:	142-04-1
Formula:	C6H5NH2 HCL
Formula Wt:	129.60
Product Use:	N/A
Chemical Family:	LABORATORY REAGENT
Catalog Num:	N/A
Effective Date:	EFFECTIVE:05/01/89ISSUED: 04/13/ 94 REVIEWED: 1/1/97
Components:	COMPONENTCAS NO.WEIGHT %OSHA/PELACGIH/TLV ANILINE HYDROCHLORIDE142-04-190-100N/EN/E
Health:	1SLIGHT
Flammability:	1SLIGHT
Reactivity:	1SLIGHT
Contact:	2MODERATE
Physical Info:	BOILING POINT: 245 C (473 F)VAPOR PRESSURE (MMHG): N/A (AT 760 MM HG) MELTING POINT: 198 C (388 F)VAPOR DENSITY (AIR=1): 4.46 (AT 760 MM HG) SPECIFIC GRAVITY: 1.22EVAPORATION RATE: N/A (H2O=1) SOLUBILITY(H2O): APPRECIABLE (>10)% VOLATILES BY VOLUME: 0 (21 C) PH: N/A ODOR THRESHOLD (P.P.M.): N/A PHYSICAL STATE: SOLID COEFFICIENT WATER/OIL DISTRIBUTION: N/A APPEARANCE & ODOR: DARK GREEN CRYSTALS.

Fire Hazard Info:

FLASH POINT (CLOSED CUP): 193 C (380 F)NFPA 704M RATING: 3-1-0

AUTOIGNITION TEMPERATURE: N/A

FLAMMABLE LIMITS:UPPER - N/ALOWER - N/A

FIRE EXTINGUISHING MEDIA
USE EXTINGUISHING MEDIA APPROPRIATE FOR SURROUNDING FIRE.

SPECIAL FIRE-FIGHTING PROCEDURES
FIREFIGHTERS SHOULD WEAR PROPER PROTECTIVE EQUIPMENT AND SELF-CONTAINED BREATHING APPARATUS WITH FULL FACEPIECE OPERATED IN POSITIVE PRESSURE MODE.

UNUSUAL FIRE & EXPLOSION HAZARDS
NONE IDENTIFIED.

TOXIC GASES PRODUCED
HYDROGEN CHLORIDE, OXIDES OF NITROGEN

EXPLOSION DATA-SENSITIVITY TO MECHANICAL IMPACT
NONE IDENTIFIED.

EXPLOSION DATA-SENSITIVITY TO STATIC DISCHARGE
NONE IDENTIFIED.

Health Hazard Info:

THRESHOLD LIMIT VALUE (TLV/TWA):10 MG/M3(2 PPM)

SHORT-TERM EXPOSURE LIMIT (STEL): NOT ESTABLISHED

PERMISSIBLE EXPOSURE LIMIT (PEL): NOT ESTABLISHED

TOXICITY OF COMPONENTS

ORAL RAT LD50 FOR ANILINE HYDROCHLORIDE1072 MG/KG

INTRAPERITONEAL MOUSE LD50 FOR ANILINE HYDROCHLORIDE30MG/KG

CARCINOGENICITY:NTP: NOIARC: NOZ LIST: NOOSHA REG: NO

CARCINOGENICITY
NONE IDENTIFIED.

REPRODUCTIVE EFFECTS
NONE IDENTIFIED.

EFFECTS OF OVEREXPOSURE

INHALATION: HEADACHE, COUGHING, DIZZINESS,
DIFFICULT BREATHING,
IRRITATION OF UPPER RESPIRATORY TRACT

SKIN CONTACT:IRRITATION OF UPPER RESPIRATORY
TRACT

EYE CONTACT:IRRITATION

SKIN ABSORPTION: MAY BE HARMFUL

INGESTION:NONE IDENTIFIED

CHRONIC EFFECTS: NONE IDENTIFIED

TARGET ORGANS
NONE IDENTIFIED

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY
EXPOSURE
NONE IDENTIFIED

PRIMARY ROUTES OF ENTRY
NONE INDICATED

EMERGENCY AND FIRST AID PROCEDURES

INGESTION:CALL A PHYSICIAN.IF SWALLOWED, DO
NOT INDUCE VOMITING.

INHALATION:IF INHALED, REMOVE TO FRESH AIR.IF
NOT BREATHING, GIVE
ARTIFICIAL RESPIRATION.IF BREATHING IS DIFFICULT,
GIVE
OXYGEN.

SKIN CONTACT: IN CASE OF CONTACT, IMMEDIATELY
FLUSH SKIN WITH PLENTY OF
WATER FOR AT LEAST 15 MINUTES WHILE REMOVING
CONTAMINATED
CLOTHING AND SHOES.WASH CLOTHING BEFORE
RE-USE.

EYE CONTACT:IN CASE OF EYE CONTACT,
IMMEDIATELY FLUSH WITH PLENTY OF
WATER FOR AT LEAST 15 MINUTES.

SARA/TITLE III HAZARD CATEGORIES AND LISTS

ACUTE: YES CHRONIC: YES FLAMMABILITY:
NOPRESSURE: NOREACTIVITY: NO

EXTREMELY HAZARDOUS SUBSTANCE: NO
CERCLA HAZARDOUS SUBSTANCE:NO
SARA 313 TOXIC CHEMICALS: NO
TSCA INVENTORY: YES

Reactivity Info:	<p>STABILITY: STABLEHAZARDOUS POLYMERIZATION: WILL NOT OCCUR</p> <p>CONDITIONS TO AVOID:LIGHT, HEAT, FLAME</p> <p>INCOMPATIBLES:STRONG OXIDIZING AGENTS, STRONG ACIDS</p> <p>DECOMPOSITION PRODUCTS: HYDROGEN CHLORIDE, OXIDES OF NITROGEN</p>
Spill Disposal Info:	<p>STEPS TO BE TAKEN IN THE EVENT OF A SPILL OR DISCHARGE</p> <p>WEAR SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE CLOTHING. WITH CLEAN SHOVEL, CAREFULLY PLACE MATERIAL INTO CLEAN, DRY CONTAINER AND COVER; REMOVE FROM AREA.FLUSH SPILL AREA WITH WATER.</p> <p>DISPOSAL PROCEDURE</p> <p>DISPOSE IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE, AND LOCAL ENVIRONMENTAL REGULATIONS.</p>
Protection Info:	<p>VENTILATION:USE ADEQUATE GENERAL OR LOCAL EXHAUST VENTILATION TO KEEP FUME OR DUST LEVELS AS LOW AS POSSIBLE.</p> <p>RESPIRATORY PROTECTION: RESPIRATORY PROTECTION REQUIRED IF AIRBORNE CONCENTRATION EXCEEDS TLV.AT CONCENTRATIONS UP TO 2 PPM, A DUST/MIST RESPIRATOR IS RECOMMENDED.ABOVE THIS LEVEL, A SELF-CONTAINED BREATHING APPARATUS IS ADVISED.</p> <p>EYE/SKIN PROTECTION:SAFETY GOGGLES, PROPER GLOVES ARE RECOMMENDED.</p>
Storage Handling Info:	<p>SAF-T-DATA* STORAGE COLOR CODE: ORANGE (GENERAL STORAGE)</p> <p>STORAGE REQUIREMENTS</p> <p>KEEP CONTAINER TIGHTLY CLOSED.SUITABLE FOR ANY GENERAL CHEMICAL STORAGE AREA. KEEP PRODUCT OUT OF LIGHT.</p>

Transportation Info:

DOMESTIC (D.O.T.)

PROPER SHIPPING NAME:ORM-E, SOLID, N.O.S.
(ANILINE HYDROCHLORIDE)
HAZARD CLASS:ORM-E
UN/NA: NA9188REPORTABLE QUANTITY: 5000LBS.
LABELS: NONE
REGULATORY REFERENCES: 49CFR 172.101; 173.500;
173.510

INTERNATIONAL (I.M.O.)

PROPER SHIPPING NAME:ANILINE HYDROCHLORIDE
HAZARD CLASS:6.1 I.M.O. PAGE: 6062
UN: UN1548MARINE POLLUTANTS: NOPACKAGING
GROUP: III
LABELS: HARMFUL - STOW AWAY FROM FOOD
STUFFS
REGULATORY REFERENCES: 49CFR 172.102; PART
176; IMO

AIR (I.C.A.O.)

PROPER SHIPPING NAME:ANILINE HYDROCHLORIDE
HAZARD CLASS:6.1
UN: UN1548PACKAGING GROUP: III
LABELS: HARMFUL - STOW AWAY FROM FOOD
STUFFS
REGULATORY REFERENCES: 49CFR 172.101; 173.6;
PART 175; ICAO/IATA

U.S. CUSTOMS HARMONIZATION NUMBER:
29214100003

N/A = NOT APPLICABLE OR NOT AVAILABLE
N/E = NOT ESTABLISHED

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The MSDS should be used only as a guide by properly trained personnel. It is the responsibility of the individual using this information to access all possible hazards before use of the product.

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