MATERIAL SAFETY DATA SHEET

SECTION 1. - - - - - - - - - - - - - - - - - - - - - CHEMICAL IDENTIFICATION

NAME:
L-lysine Monohydrochloride

CAS #: 657-27-2
MF: C6H14N2O2
EC No: 211-519-9

SYNONYMS
Daryvl * Lyamine * Lysine Hydrochloride * L-lysine Hydrochloride * Lysine Monohydrochloride * L-lysine, Monohydrochloride

SECTION 2. - - - - - - COMPOSITION/INFORMATION ON INGREDIENTS

IN CASE OF CONTACT, IMMEDIATELY FLUSH EYES WITH ABUNDANT AMOUNTS OF WATER FOR AT LEAST 15 MINUTES.
IN CASE OF CONTACT, IMMEDIATELY WASH SKIN WITH SOAP AND COPIOUS AMOUNTS OF WATER.
IF INHALED, REMOVE TO FRESH AIR. IF NOT BREATHING GIVE ARTIFICIAL RESPIRATION. IF BREATHING IS DIFFICULT, GIVE OXYGEN.
IF SWALLOWED, WASH OUT MOUTH WITH WATER PROVIDED PERSON IS CONSCIOUS.
CALL A PHYSICIAN.
WASH CONTAMINATED CLOTHING BEFORE REUSE.

SECTION 3. - - - - - - HAZARDS IDENTIFICATION

EXTINGUISHING MEDIA
WATER SPRAY, CARBON DIOXIDE, DRY CHEMICAL PUDER OR APPROPRIATE FOAM.

SECTION 4. - - - - - - FIRST-AID MEASURES

SECTION 5. - - - - - - FIRE FIGHTING MEASURES

SECTION 6. - - - - - - ACCIDENTAL RELEASE MEASURES

CONTINUED ON NEXT PAGE
MATERIAL SAFETY DATA SHEET

THIS MSDS IS FOR A COMPONENT OF CATALOG #: LAA-21

CATALOG #: L5626
NAME: L-LYSINE MONOHYDRCHLORIDE

SWEEP UP, PLACE IN A BAG AND HOLD FOR WASTE DISPOSAL.
AVOID RAISING DUST.
VENTILATE AREA AND WASH SPILL SITE AFTER MATERIAL PICKUP IS COMPLETE.

SECTION 7. HANDLING AND STORAGE
REFER TO SECTION 8.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION
CHEMICAL SAFETY GOGGLES.
COMPATIBLE CHEMICAL-RESISTANT GLOVES.
NIOSH/MSHA-APPROVED RESPIRATOR.
SAFETY SHOWER AND EYE BATH.
MECHANICAL EXHAUST REQUIRED.
AVOID INHALATION.
AVOID CONTACT WITH EYES, SKIN AND CLOTHING.
AVOID PROLONGED OR REPEATED EXPOSURE.
WASH THOROUGHLY AFTER HANDLING.
STORE IN A COOL, DRY PLACE.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE AND ODOR: WHITE GRANULAR POWDER

PHYSICAL PROPERTIES
MELTING POINT: 263 C (DSC)

SECTION 10. STABILITY AND REACTIVITY

INCOMPATIBILITIES: STRONG OXIDIZING AGENTS

HAZARDOUS COMBUSTION OR DECOMPOSITION PRODUCTS
TOXIC FUMES OF: CARBON MONOXIDE, CARBON DIOXIDE
NITROGEN OXIDES
HYDROGEN CHLORIDE GAS

SECTION 11. TOXICOLOGICAL INFORMATION

ACUTE EFFECTS
MAY BE HARMFUL BY INHALATION, INGESTION, OR SKIN ABSORPTION.
MAY CAUSE EYE IRRITATION.
TO THE BEST OF OUR KNOWLEDGE, THE CHEMICAL, PHYSICAL, AND
TOXICOLOGICAL PROPERTIES HAVE NOT BEEN THOROUGHLY INVESTIGATED.

REV #: DL56500000
LYSINE, MONOHYDRCHLORIDE, L-

CONTINUED ON NEXT PAGE
MATERIAL SAFETY DATA SHEET

THIS MSDS IS FOR A COMPONENT OF CATALOG #: LAA-21

CATALOG #: L5626
NAME: L-LYSINE MONOHYDRICLORIDE

TOXICITY DATA

ORL-RAT LD50:10G/M/KG
IP-RAT LD50:4019MG/KG
JPMSE: 62,49,73
ABBIA: 58,253,55

ONLY SELECTED REGISTRY OF TOXIC EFFECTS OF CHEMICAL SUBSTANCES (RTECS) DATA IS PRESENTED HERE. SEE ACTUAL ENTRY IN RTECS FOR COMPLETE INFORMATION.

SECTION 12. ECOLOGICAL INFORMATION

DATA NOT YET AVAILABLE.

SECTION 13. DISPOSAL CONSIDERATIONS

DISSOLVE OR MIX THE MATERIAL WITH A COMBUSTIBLE SOLVENT AND BURN IN A CHEMICAL INCINERATOR EQUIPPED WITH AN AFTERBURNER AND SCRUBBER. OBSERVE ALL FEDERAL, STATE AND LOCAL ENVIRONMENTAL REGULATIONS.

SECTION 14. TRANSPORT INFORMATION

CONTACT SIGMA CHEMICAL COMPANY FOR TRANSPORTATION INFORMATION.

SECTION 15. REGULATORY INFORMATION

REVIEWS, STANDARDS, AND REGULATIONS

DEL=MAK
NIES 1903; HZD X3664; NHC 4; TNE 412; NOS 19; TNE 5009; TFE 1728

EPA TSCA SECTION 8 (d) CHEMICAL INVENTORY

SECTION 16. OTHER INFORMATION

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