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 BIOCHEMICALS AND DIAGNOSTIC REAGENTS

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DATE 12/27/95  
 CUST#: 2-097-94804  
 PO#: QH4757

M A T E R I A L S A F E T Y D A T A S H E E T PAGE 1

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

SECTION 1. --- CHEMICAL IDENTIFICATION ---

CATALOG #: H8125  
 NAME: L-HISTIDINE MONOHYDROCHLORIDE  
 MONOHYDRATE

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

CAS #: 7048-02-4  
 MF: C6H9N3O2

SECTION 3. --- HAZARDS IDENTIFICATION ---

DATA NOT AVAILABLE

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

IN CASE OF CONTACT, IMMEDIATELY FLUSH EYES WITH COPIOUS 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.

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

EXTINGUISHING MEDIA  
 WATER SPRAY.  
 CARBON DIOXIDE, DRY CHEMICAL POWDER OR APPROPRIATE FOAM.  
 SPECIAL FIREFIGHTING PROCEDURES  
 WEAR SELF-CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING TO  
 PREVENT CONTACT WITH SKIN AND EYES.

UNUSUAL FIRE AND EXPLOSIONS HAZARDS  
 EMITS TOXIC FUMES UNDER FIRE CONDITIONS.

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

WEAR RESPIRATOR, CHEMICAL SAFETY GOGGLES, RUBBER BOOTS AND HEAVY  
 RUBBER GLOVES.  
 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 ---

CONTINUED ON NEXT PAGE

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M A T E R I A L   S A F E T Y   D A T A   S H E E T                      P A G E   2

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

CATALOG #:                      H8125  
NAME:                              L-HISTIDINE MONOHYDROCHLORIDE  
    MONOHYDRATE

CHEMICAL SAFETY GOGGLES.  
USE PROTECTIVE CLOTHING, GLOVES AND MASK.  
SAFETY SHOWER AND EYE BATH.  
MECHANICAL EXHAUST REQUIRED.  
AVOID BREATHING DUST.  
AVOID CONTACT WITH EYES, SKIN AND CLOTHING.  
WASH THOROUGHLY AFTER HANDLING.  
KEEP CONTAINER CLOSED.  
STORE IN A COOL DRY PLACE.

SECTION 9. - - - - - PHYSICAL AND CHEMICAL PROPERTIES - - - - -

APPEARANCE AND ODOR  
WHITE CRYSTALS

PHYSICAL PROPERTIES  
MELTING POINT:                      254 C (DEC)

SECTION 10. - - - - - STABILITY AND REACTIVITY - - - - -

INCOMPATIBILITIES  
STRONG OXIDIZING AGENTS

HAZARDOUS COMBUSTION OR DECOMPOSITION PRODUCTS  
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.  
MAY CAUSE SKIN IRRITATION.

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 - - - - -

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M A T E R I A L S A F E T Y D A T A S H E E T PAGE 3

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

CATALOG #: H8125  
 NAME: L-HISTIDINE MONOHYDROCHLORIDE  
 MONOHYDRATE

EUROPEAN INFORMATION  
 CAUTION: SUBSTANCE NOT YET FULLY TESTED.

SECTION 16. OTHER INFORMATION

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