

# MATERIAL SAFETY DATA SHEET

For R&D use only. Not for drug, household or other uses.

Click <http://www.lookchem.com/cas-207/2079-00-7.html> for suppliers of this product.

## Composition/Information on Ingredient

**Cas:**

2079-00-7

**Code:**

M

**RTECS:**

EC4900000

**Code:**

X

**Name:**

BLASTICIDIN S HYDROCHLORIDE

**Other REC Limits:**

N/K (FP N)

**OSHA PEL:**

N/K (FP N)

**Code:**

M

**OSHA STEL:**

N/K (FP N)

**Code:**

M

**ACGIH TLV:**

N/K (FP N)

**Code:**

M

**ACGIH STEL:**

N/K (FP N)

**Code:**

M

## Control Measures

**Respiratory Protection:**

YES. USE NIOSH APPROVED RESPIRATOR APPROPRIATE FOR EXPOSURE OF CONCERN (FP N).

**Ventilation:**

A LOCAL EXHAUST SYSTEM IS REQUIRED WHEN THE SUBSTANCE IS USED FOR ITS NORMAL PURPOSE.

**Protective Gloves:**

WEAR IMPERVIOUS GLOVES (FP N).

**Eye Protection:**

ANSI APPROVED CHEMICAL WORKERS GOGGLES (FP N).

**Other Protective Equipment:**

Equipment EYEWASH AND DELUGE SHOWER MEETING ANSI DESIGN CRITERIA (FP N). PROTECTIVE CLOTHING.

**Work Hygienic Practices:**

FOLLOW PROPER LABORATORY PROCEDURES WHEN HANDLING MATERIAL.

**Supplemental Safety and Health:**

N/P 4

## Health Hazards Data

**LD50/LC50 Mixture:**

SEE TOXICOLOGICAL INFORMATION.

**Route Of Entry Inds - Inhalation:**

YES

**Skin:**

YES

**Ingestion:**

YES

**Carcinogenicity Inds - NTP:**

NO

**IARC:**

NO

**OSHA:**

NO

**Health Hazards Acute And Chronic:**

ACUTE AND CHRONIC: POISON BY INGESTION, SKIN CONTACT AND INTRAVENOUS ROUTES.

**Explanation Of Carcinogenicity:**

N/P 2

**Signs And Symptoms Of Overexposure:**

UNKNOWN. MAY INCLUDE MODERATE TO SEVERE ERYTHEMA (REDNESS) AND MODERATE EDEMA (RAISED SKIN), NAUSEA, VOMITING, HEADACHES.

**Medical Cond Aggravated By Exposure:**

N/P

**First Aid:**

SKIN: REMOVE CONTAMINATED CLOTHING AND RINSE WITH COPIOUS AMOUNTS OF SOAP AND WATER FOR A CONSIDERABLE AMOUNT OF TIME. CALL A PHYSICIAN. INGESTION: DRINK 1 OR 2 GLASSES OF WATER WITHIN 15 MINUTES. ALWAYS CALL A PHYSICIAN OR TAKE PATIENT TO HOSPITAL. EYES: RINSE LIBERALLY WITH WATER FOR AT LEAST 15 MINUTES. ALWAYS CALL A PHYSICIAN OR TAKE PATIENT TO HOSPITAL. INHALATION: TAKE PATIENT INTO THE FRESH AIR AND ALLOW TO REST. ALWAYS CALL A PHYSICIAN OR TAKE PATIENT TO HOSPITAL.

**Spill Release Procedures:**

SWEEP INTO SUITABLE CONTAINER FOR DISPOSAL.

**Neutralizing Agent:**

N/P

**Waste Disposal Methods:**

INCINERATE OR LANDFILL AS COMPLIES WITH STATE AND LOCAL LAWS. DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL REGULATIONS (FP N).

**Handling And Storage Precautions:**

ALWAYS WEAR GLOVES, MASK, GOGGLES OR OTHER PROTECTIVE CLOTHING AND USE A HOOD. FOLLOW PROPER LABORATORY PROCEDURES. STORE AT +4°C.

**Other Precautions:**

N/P

## Fire and Explosion Hazard Information

**Flash Point Method:****Flash Point:****Flash Point Text:**

N/K

**Autoignition Temp:**

N/P

**Autoignition Temp Text:**

N/K 3

**Lower Limits:****Upper Limits:****Extinguishing Media:**

CARBON DIOXIDE, DRY CHEMICAL, OR FOAM.

**Fire Fighting Procedures:**

WEAR NIOSH APPROVED SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE EQUIPMENT (FP N).

**Unusual Fire/Explosion Hazard:**

EMITS TOXIC FUMES OF NO<sub>2</sub>X AND HCl. NO UNUSUAL FLAMMABILITY HAZARD. NO UNUSUAL RISK OF EXPLOSION HAZARD.

## Physical/Chemical Properties

**HCC:****NRC/State Lic No:****Net Prop WT For Ammo:****Boiling Point:****B.P. Text:**

N/P

**Melt/Freeze Pt:**

>235°C, 45°F

**M.P./F.P. Text:**

235C - 236C

**Decomp Temp:****Decomp Text:**

N/P

**Viscosity:**

N/P

**Evaporation Rate & Reference:**

N/P

**Solubility in Water:**

SOLUBLE

**Appearance and Odor:**

WHITE POWDER.

**Percent Volatiles by Volume:**

N/P

**Corrosion Rate:**

N/P

**Reactivity Data****Stability Indicator:**

YES

**Stability Condition To Avoid:**

N/P

**Materials To Avoid:**

STRONG OXIDIZING AGENTS, STRONG BASES.

**Hazardous Decomposition Products:**

WHEN HEATED OR BURNED: TOXIC FUMES OF NO<sub>2</sub>X AND HCl.

**Hazardous Polymerization Indicator:**

NO

**Conditions To Avoid Polymerization:**

N/P

## Toxicological Information

**Information:**

N/P

## MSDS/Transport Information

**Information:**

N/P

## Regulatory Information

**Sara Title III Information:**

N/P

**Federal Regulatory Information:**

N/P

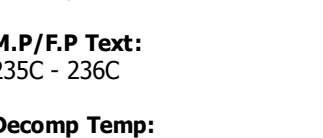
**State Regulatory Information:**

N/P

## Other Information

**Other Information:**

N/P



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