

# MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-69/69-52-3.html> for suppliers of this product.

## Composition/Information on Ingredient

**Cas:**  
69-52-3  
**Code:**  
M

**RTECS:**  
XH8400000  
**Code:**  
M

**Name:**  
AMPICILLIN SODIUM

**Other REC Limits:**  
NONE RECOMMENDED

**OSHA PEL:**  
NOT ESTABLISHED  
**Code:**  
M

**OSHA STEL:**

**Code:**

**ACGIH TLV:**  
NOT ESTABLISHED  
**Code:**  
M

**ACGIHSTEL:**  
N/P  
**Code:**

## Control Measures

**Respiratory Protection:**  
NONE NORMALLY REQUIRED. IF DUST PRESENT , WEAR NIOSH-APPROVED DUST MASK OR RRESPIRATOR.

**Ventilation:**  
LOCAL EXHAUST RECOMMENDED FOR DUSTY SITUATION. MECHANICAL ACCETABLE.

**Protective Gloves:**  
DISPOSABLE LATEX IF CONTACT POSSIBLE

**Eye Protection:**  
DUST-RESISTANT GOGGLES IF CONTACT OCCURS

**Other Protective Equipment:**  
Equipment 4 EYE WASH STATION, SAFETY SHOWER, PROTECTIVE CLOTHING AND/OR UNIFORM

**Work Hygienic Practices:**  
OBSERVE GOOD PERSONAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES. WASH HANDS AFTER HANDLING.

**Supplemental Safety and Health:**  
N/P

## Health Hazards Data

**LD50LC50Mixture:**  
LD50 (ORAL, RAT) IS >5314 MG/KG.

**Route Of Entry Inds - Inhalation:**  
YES

**Skin:**  
NO

**Ingestion:**  
NO

**Carcinogenicity Inds - NTP:**  
NO

**IARC:**  
NO

**OSHA:**  
NO

**Health Hazards Acute And Chronic:**  
2 TARGET ORGANS:EYES, SKIN, RESPIRATORY & GI TRACTS. ACUTE- THIS PRODUCT IS IN CLOSED VIALS. IF BROKEN OR IN FIRE, MAY CAUSE EYE IRRITATION. INHALATION MAY CAUSE ALLERGIC REACTION. ORAL ADMINSTRATION MA Y CAUSE ALLERGIC REACTIONS INCLUDING SKIN RASHES, RESPIRATORY DISTRESS & MAY BE FATAL. CHRONIC- UNKNOWN.

**Explanation Of Carcinogenicity:**  
NONE

**Signs And Symptoms Of Overexposure:**  
EYES IRRITATION, SKIN RASH AND REDNESS, EYE REDNESS, NAUSEA, VOMITING, DIARRHEA, COUGHING, SHORTNESS OF BREATH, RUNNING NOSE, WHEEZING, DIFFICULTY IN BREATHING, STOMACH DISCOMFORT AND GASTRITIS

**Medical Cond Aggravated By Exposure:**  
INDIVIDUAL WITH KNOWN SENSITIVITY TO PENICILLIN, GASTROINTESTINAL DISORDERS; HEMATOLOGIC DISORDERS; RENAL DISORDERS MAY BE SENSITIVE TO THIS PRODUCT.

**First Aid:**  
CALL A DOCTOR IF SYMPTOMS PERSIST. EYE:IMMEDIATELY FLUSH WITH WATER FOR 15 MINUTES, HOLDING EYELIDS OPEN. SKIN:WASH WITH SOAP & WATER. INHALED:REMOVE TO FRESH AIR. PROVIDE CPR/OXYGEN IF NEEDED. CALL A PHYSICIAN IMMEDIATELY. ORAL:CALL A PHYSICIAN/POISON CONTROL CENTER IMMEDIATELY.

**Spill Release Procedures:**  
WEAR PROTECTIVE EQUIPMENT. CAREFULLY SCOOP UP OR SHOVEL SPILLED MATERIAL INTO A SUITABLY LABELLED CONTAINER FOR RECOVERY OR DISPOSAL. AVOID GENERATING DUST. VENTILATE AREA. DECONTAMINATE SPILL AREA AF TER PICK UP IS COMPLETE.

**Neutralizing Agent:**  
NOT RELEVANT

**Waste Disposal Methods:**  
RECOVER OR RECYCLE IF POSSIBLE. DISPOSAL SHOULD BE IN ACCORDANCE WITH ALL LOCAL, STATE AND FEDERAL REGULATIONS.

**Handling And Storage Precautions:**  
STORE IN COOL (59-86), DRY PLACE. KEEP OUT OF REACH OF CHILDREN. PERSONS ALLERGIC TO PENICILLIN SHOULD AVOID CONTACT WITH THIS SUBSTANCE.

**Other Precautions:**  
3 AS A GENERAL RULE, WHEN HANDLING PHARMACEUTICAL PRODUCTS, AVOID ALL FORMS OF CONTACT AND INHALATION OF DUST, FUMES, MISTS, AND/OR VAPORS ASSOCIATED WITH THE PRODUCT. GROUND ALL EQUIPMENTS.

## Fire and Explosion Hazard Information

**Flash Point Method:**  
N/P

**Flash Point:**

**Flash Point Text:**  
NONE

**Autoignition Temp:**

**Autoignition Temp Text:**  
N/A

**Lower Limits:**  
N/R

**Upper Limits:**  
N/R

**Extinguishing Media:**  
USE WATER. USE WATER SPRAY TO COOL FIRE EXPOSED CONTAINERS.

**Fire Fighting Procedures:**  
WEAR PROTECTIVE CLOTHING AND NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS. MOVE CONTAINERS FROM FIRE AREA IF POSSIBLE WITHOUT PERSONAL RISK.

**Unusual Fire/Explosion Hazard:**  
AS WITH ANY FINELY DIVIDED ORGANIC SOLID, DUST MAY BE EXPLOSIVE IF MIXED WITH AIR IN CRITICAL PROPORTIONS & IN THE PRESENCE OF AN IGNITION SOURCE.

## Physical/Chemical Properties

**HCC:**  
T6

**NRC/State LIC No:**  
NOT RELEVANT

**Net Prop WT For Ammo:**

**Boiling Point:**

**B.P. Text:**  
N/R

**Melt/Freeze Pt:**

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

**Decomp Temp:**

**Decomp Text:**  
UNKNOWN

**Vapor Pres:**  
N/R

**Vapor Density:**  
N/R

**Volatile Org Content %:**

**Spec Gravity:**  
UNKNOWN

**VOC Pounds/Gallon:**

**PH:** N/K

**VOC Grams/Liter:**

**Viscosity:**  
NOT RELEVANT

**Evaporation Rate & Reference:**  
NOT RELEVANT

**Solubility in Water:**  
SOLUBLE

**Appearance and Odor:**  
WHITE TO OFF-WHITE POWDER - PRACTICALLY ODORLESS

**Percent Volatiles by Volume:**  
N/R

**Corrosion Rate:**  
UNKNOWN

## Reactivity Data

**Stability Indicator:**  
YES 5

**Stability Condition To Avoid:**  
EXCESSIVE HEAT

**Materials To Avoid:**  
UNKNOWN

**Hazardous Decomposition Products:**  
TOXIC GASES INCLUDING CARBON MONOXIDE, CARBON DIOXIDE, OXIDES OF SULPHUR AND NITROGEN MAY BE FORMED.

**Hazardous Polymerization Indicator:**  
NO

**Conditions To Avoid Polymerization:**  
NOT RELEVANT

## 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