

# MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-523/5234-68-4.html> for suppliers of this product.

## Composition/Information on Ingredient

**Cas:**  
5234-68-4  
**Code:**  
M

**RTECS:**  
RP4550000  
**Code:**  
M

**Name:**  
CARBOXIN

**Other REC Limits:**  
N/K

**OSHA PEL:**  
N/K  
**Code:**  
M

**OSHA STEL:**

**Code:**

**ACGIH TLV:**  
N/K  
**Code:**  
M

**ACGIHSTEL:**  
N/P

**Code:**

## Control Measures

**Respiratory Protection:**

N/K

**Ventilation:**

N/K

**Protective Gloves:**

REQUIRED

**Eye Protection:**

CHEMICAL GOGGLES, FACE SHIELD

**Other Protective Equipment:**

Equipment WEAR OSHA/MSMA APPROVED SAFETY EQUIPMENT INCLUDING CHEMICAL RESISTANT CLOTHING, LABORATORY COAT, RUBBER APRON.

**Work Hygienic Practices:**

N/K

**Supplemental Safety and Health:**

N/K

## Health Hazards Data

**LD50LC50Mixture:**

N/K

**Route Of Entry Inds - Inhalation:**

NO

**Skin:**

NO

**Ingestion:**

YES

**Carcinogenicity Inds - NTP:**

NO

**IARC:**

NO

**OSHA:**

NO

**Health Hazards Acute And Chronic:**

DIRECT PHYSICAL CONTACT SHOULD BE AVOIDED. TOXIC, IRRITANT.

**Explanation Of Carcinogenicity:**

NONE

**Signs And Symptions Of Overexposure:**

N/K

**Medical Cond Aggravated By Exposure:**

N/K

**First Aid:**

EYES & SKIN: FLUSH W/WATER. INHALATION: REMOVE TO FRESH AIR, GIVE OXYGEN IF NECESSARY. OBTAIN MEDICAL ATTENTION IN ALL CASES.

**Spill Release Procedures:**

LEAKING BOTTLE MAY BE PLACED IN PLASTIC BAG. LIQUID MAY BE ABSORBED ON VERMICULITE OR SAND.

**Neutralizing Agent:**

N/K

**Waste Disposal Methods:**

BURN IN A CHEMICAL INCINERATOR EQUIPPED W/AFTERBURNER & SCRUBBER I/A/W LOCAL, STATE & FEDERAL REGULATIONS.

**Handling And Storage Precautions:**

KEEP TIGHTLY CLOSED IN A COOL, DRY PLACE.

**Other Precautions:**

N/K

## Fire and Explosion Hazard Information

**Flash Point Method:**

N/P

**Flash Point:**

**Flash Point Text:**

N/K 4

**Autoignition Temp:**

**Autoignition Temp Text:**

N/A

**Lower Limits:**

N/K

**Upper Limits:**

N/K

**Extinguishing Media:**

CO<sub>2</sub>, DRY CHEMICAL POWDER, WATER SPRAY

**Fire Fighting Procedures:**

COMBUSTIBLE LIQUID

**Unusual Fire/Explosion Hazard:**

N/K

## Physical/Chemical Properties

**HCC:**

**NRC/State LIC No:**

**Net Prop WT For Ammo:**

**Boiling Point:**

**B.P. Text:**

N/K

**Melt /Freeze Pt:**

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

N/K

**Decomp Temp:**

**Decomp Text:**

N/K

**Vapor Pres:**

N/K

**Vapor Density:**

N/K

**Volatile Org Content %:**

**Spec Gravity:**

N/K

**VOC Pounds/Gallon:**

**PH:** N/K 5

**VOC Grams/Liter:**

**Viscosity:**

N/P

**Evaporation Rate & Reference:**

N/K

**Solubility in Water:**

N/K

**Appearance and Odor:**

COLORLESS LIQUID

**Percent Volatiles by Volume:**

N/K

**Corrosion Rate:**

N/K

## Reactivity Data

**Stability Indicator:**

YES

**Stability Condition To Avoid:**

N/K

**Materials To Avoid:**

STRONG OXIDIZERS

**Hazardous Decomposition Products:**

N/K

**Hazardous Polymerization Indicator:**

NO

**Conditions To Avoid Polymerization:**

N/K

## 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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WARRANTY

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