

# MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-352/35209-54-2.html> for suppliers of this product.

## Composition/Information on Ingredient

**Cas:**  
35209-54-2  
**Code:**  
M

**RTECS:**

**Code:**  
X

**Name:**  
OPACIFIERS

**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 REQUIRED WITH ADEQUATE VENTILATION .

**Ventilation:**  
NORMAL ROOM VENTILATION.

**Protective Gloves:**  
NONE REQUIRED.

**Eye Protection:**  
NONE REQUIRED.

**Other Protective Equipment:**  
Equipment NONE REQUIRED.

**Work Hygienic Practices:**  
MINIMIZE EXPOSURE IN ACCORDANCE WITH GOOD HYGIENE PRACTICES.

**Supplemental Safety and Health:**  
NOT RELEVANT

## Health Hazards Data

**LD50LC50Mixture:**  
NONE SPECIFIED BY MANUFACTURER.

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

**Skin:**  
NO

**Ingestion:**  
YES

**Carcinogenicity Inds - NTP:**  
NO

**IARC:**  
NO

**OSHA:**  
NO

**Health Hazards Acute And Chronic:**  
MAY CAUSE DIARRHEA IF INGESTED IN LARGE AMOUNTS. NON-TOXIC ORGANISMS USED ARE NON-PATHOGENIC. THE ORGANISMS ARE SUSCEPTIBLE TO COMMONLY USE ANTIBIOTICS.

**Explanation Of Carcinogenicity:**  
N/P

**Signs And Symptions Of Overexposure:**  
SKIN: SLIGHT REDNESS ON HANDS AND FOREARMS IF INDIVIDUAL HAS A HISTORY IF DERMAL ALLERGIC.

**Medical Cond Aggravated By Exposure:**  
DERMAL ALLERGIC REACTION ON SKIN IF SUSCEPTIBLE PERSON HAS CONTINUAL EXPOSURE.

**First Aid:**  
INGESTION: DRINK WATER OR MILK TO DILUTE. INDUCE VOMITING ONLY IF ADVISED BY PHYSICIAN OR POISON CONTROL CENTER.

**Spill Release Procedures:**  
MAY MOP UP SPILLS; MAY FLUSH DOWN SANITARY DRAIN INTO WASTE WATER TREATMENT LINES.

**Neutralizing Agent:**  
NONE SPECIFIED BY MANUFACTURER.

**Waste Disposal Methods:**  
DISPOSE OF THIS PRODUCT OR ITS RESIDUE MUST BE DONE IN ACCORDANCE WITH ALL LOCAL, STATE AND FEDERAL REQUIREMENTS.

**Handling And Storage Precautions:**  
AVOID EYE CONTACT.

**Other Precautions:**  
TO MAINTAIN SHELF LIFE, AVOID TEMPERATURES OVER 110F FOR LONG PERIODS OF TIME. KEEP FROM FREEZING. 3

## Fire and Explosion Hazard Information

**Flash Point Method:**  
N/P

**Flash Point:**

**Flash Point Text:**  
NON-FLAMMABLE.

**Autoignition Temp:**

**Autoignition Temp Text:**  
N/K

**Lower Limits:**  
NONE

**Upper Limits:**  
NONE

**Extinguishing Media:**  
NON-FLAMMABLE. DLA-HMIS: USE MEDIA APPROPRIATE FOR SURROUNDING FIRE.

**Fire Fighting Procedures:**  
NONE.

**Unusual Fire/Explosion Hazard:**  
NONE.

## Physical/Chemical Properties

**HCC:**  
N1

**NRC/State LIC No:**  
N/R

**Net Prop WT For Ammo:**

**Boiling Point:**  
=100.C, 212.F

**B.P. Text:**  
4

**Melt/Freeze Pt:**

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

**Decomp Temp:**

**Decomp Text:**  
UNKNOWN

**Vapor Pres:**  
AS WATER

**Vapor Density:**  
AS WATER

**Volatile Org Content %:**

**Spec Gravity:**  
1.0

**VOC Pounds/Gallon:**

**PH:** N/K

**VOC Grams/Liter:**

**Viscosity:**  
UNKNOWN

**Evaporation Rate & Reference:**  
UNKNOWN

**Solubility in Water:**  
99%

**Appearance and Odor:**  
WHITE TO OFF-WHITE OPAQUE LIQUID; PERFUMED.

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

**Corrosion Rate:**  
UNKNOWN

## Reactivity Data

**Stability Indicator:**  
YES

**Stability Condition To Avoid:**  
NOT PROVIDED

**Materials To Avoid:**  
STRONG ACIDS OR ALKALI COMPOUNDS MAY INACTIVATE BIOLOGICAL CULTURES.

**Hazardous Decomposition Products:**  
NOT PROVIDED

**Hazardous Polymerization Indicator:**  
NO

**Conditions To Avoid Polymerization:**  
WILL NOT OCCUR.

## Toxicological Information

**Information:**N/P

## MSDS Transport Information

**Information:**N/P

## Regulatory Information

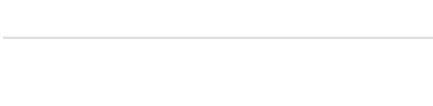
**Sara Title III Information:** N/P

**Federal Regulatory Information:** N/P

**State Regulatory Information:** N/P

## Other Information

**Other Information:**N/P



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