

# MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-290/29039-00-7.html> for suppliers of this product.

## Composition/Information on Ingredient

**Cas:**  
29039-00-7  
**Code:**  
M

**RTECS:**

**Code:**  
X

**Name:**  
GLUCEPTATE CALCIUM

**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:**  
NIOSH APPROVED RESP OR LABORATORY FUME HOOD.

**Ventilation:**  
LABORATORY FUME HOOD OR LOCAL EXHAUST VENTILATION.

**Protective Gloves:**  
IMPERVIOUS GLOVES.

**Eye Protection:**  
4 CHEM SPLASH GOGGLES

**Other Protective Equipment:**  
Equipment APPROPRIATE RESP W/EYE PROTECTION. IMPERVIOUS BODY COVERING TO PREVENT SKIN CONTACT.

**Work Hygienic Practices:**  
WASH HANDS AFTER HANDLING. CLEAN CONTAMIN CLOTHING BEFORE REUSE.

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

## Health Hazards Data

**LD50LC50Mixture:**  
UNKNOWN

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

**Skin:**  
YES

**Ingestion:**  
NO

**Carcinogenicity Inds - NTP:**  
NO

**IARC:**  
NO

**OSHA:**  
NO

**Health Hazards Acute And Chronic:**  
PER MSDS:EFFECTS, INCLUDING SIGNS AND SYMPTOMS OF EXPOSURE:NONE REPORTED. REFER TO PRODUCT LITERATURE FOR INFORMATION ON ADVERSE REACTIONS IN CLINICAL USE. A LITERATURE SEARCH REVEALED NO SUBCHRONIC, CHRONIC, OR REPRODUCTION STUDIES WITH THIS MATERIAL.

**Explanation Of Carcinogenicity:**  
PER MSDS:NO CARCINOGENICITY DATA FOUND. NOT LISTED AS CARCINOGENIC BY IARC/NCI/NTP/ACGIH/OSHA.

**Signs And Symptions Of Overexposure:**  
NONE REPORTED.

**Medical Cond Aggravated By Exposure:**  
NONE REPORTED.

**First Aid:**  
EYE:FLUSH W/PLENTY OF WATER.GET MED ATTN.SKIN:REMOVE CONTAMIN CLOTH.WASH SKIN W/PLENTY OF SOAP & WATER.IRRIT DEVELOPS GET MED ATTN.INHAL:MOVE TO FRESH AIR.DIFF BREATH GET MEDA ATTN.NOT BREATH PROVIDE ART RESP ASSISTANCE (MOUTH-TO-MOUTH).CALL DR IMMED.INGEST:DO NOT INDUCE VOMIT.CALL DR/POI CNTRL CNTR.IF AVAILABLE GIVE ACTIVATED CHARCOAL(6-8 HEAPING TEASPOONS)W/2-3 GLASSES OF WATER.IMMED GET MED ATTN

**Spill Release Procedures:**  
PREVENT FURTHER MIGRATIN INTO ENVIRONMENT. USE ABSORBENT/ADSORBENT MATL TO SOLIDIFY LIQUIDS. WEAR PROTECTIVE EQUIPMENT, INCLUDING EYE PROTECTION, TO AVOID EXPOSURE.

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

**Waste Disposal Methods:**  
DISPOSE OF ANY CLEANUP MATERIALS AND WASTE RESIDUE ACCORDING TO APPLICABLE LOCAL, STATE AND FEDERAL REGULATIONS. 3

**Handling And Storage Precautions:**  
UDER NORMAL USE & HANDLING CONDITIONS NO PROTECTIVE EQUIPMENT IS REQUIRED.

**Other Precautions:**  
NONE SPECIFIED BY MFG.

## Fire and Explosion Hazard Information

**Flash Point Method:**  
N/P

**Flash Point:**

**Flash Point Text:**  
N/K

**Autoignition Temp:**

**Autoignition Temp Text:**  
N/A

**Lower Limits:**  
N/A

**Upper Limits:**  
N/A

**Extinguishing Media:**  
USE WATER, CO2, DRY CHEMCIAL, FOAM, OR HALON.

**Fire Fighting Procedures:**  
NONE SPECIFIED BY MFG.

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

## Physical/Chemical Properties

**HCC:**  
N1

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

**Net Prop WT For Ammo:**

**Boiling Point:**

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

**Melt/Freeze Pt:**

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

**Decomp Temp:**

**Decomp Text:**  
N/K

**Vapor Pres:**  
N/K

**Vapor Density:**  
N/A

**Volatile Org Content %:**

**Spec Gravity:**  
N/K

**VOC Pounds/Gallon:**

**PH:** 5.6-7

**VOC Grams/Liter:**

**Viscosity:**  
N/P

**Evaporation Rate & Reference:**  
N/A

**Solubility in Water:**  
SOLUBLE

**Appearance and Odor:**  
CLEAR, COLORLESS TO FAINTLY YELLOW, AQUEOUS SOLUTION, FAINT SULFIDE ODOR.

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

**Corrosion Rate:**  
N/K 5

## Reactivity Data

**Stability Indicator:**  
YES

**Stability Condition To Avoid:**  
NONE SPECIFIED BY MFG.

**Materials To Avoid:**  
NONE KNOWN.

**Hazardous Decomposition Products:**  
MAY EMIT TOXIC FUMES HWEN HEATED TO DECOMPOSITION.

**Hazardous Polymerization Indicator:**  
NO

**Conditions To Avoid Polymerization:**  
NOT APPLICABLE

## 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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