

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

ACGIH STEL:

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

LD50/LC50 Mixture:

UNKNOWN

Route Of Entry Inds - Inhalation:

YES

Skin:

YES

Ingestion:

NO

Carcinogenicity Inds - NTP:

NO

IARC:

NO

OSHA:

N/K

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 Symptoms Of Overexposure:

NONE REPORTED.

Medical Cond Aggravated By Exposure:

NONE REPORTED.

First Aid:

YE: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.

Handling And Storage Precautions:

UNDER 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 CHEMICAL, 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:

N/A

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 %:

N/A

Spec Gravity:**N/V:****VOC Pounds/Gallon:**

N/A

PH:

5.6-7

Viscosity:**N/P:****Evaporation Rate & Reference:**

N/A

Solubility in Water:**Solubility:**

N/A

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 WHEN 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

Title III Information:

N/P

Federal Regulatory Information:

N/P

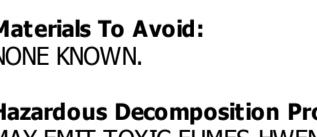
State Regulatory Information:

N/P

Other Information

Other Information:

N/P



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