

# MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-900/9007-83-4.html> for suppliers of this product.

## Composition/Information on Ingredient

**Cas:**

9007-83-4

**Code:**

M

**RTECS:**

LZ3450000

**Code:**

M

**Name:**

GAMMA-GLOBULINS

**Other REC Limits:**

N/K

**OSHA PEL:**

N/K

**Code:**

M

**OSHA STEL:**

**Code:**

**ACGIH TLV:**

N/K

**Code:**

M

**ACGIH STEL:**

N/P

**Code:**

## Control Measures

**Respiratory Protection:**

NOT REQUIRED

**Ventilation:**

MECHANICAL (GENERAL): RECOMMENDED

**Protective Gloves:**

DISPOSABLE LATEX

**Eye Protection:**

SAFETY GLASSES

**Other Protective Equipment:**

Equipment LAB COAT

**Work Hygienic Practices:**

REMOVE/LAUNDER CONTAMINATED CLOTHING BEFORE REUSE. FOLLOW GOOD LABORATORY PRACTICES. WASH THOROUGHLY AFTER HANDLING.

**Supplemental Safety and Health:**

3 N/K

## Health Hazards Data

**LD50/LC50/Mixture:**

ORAL LD50 (RAT): 27 MG/KG SODIUM AZIDE

**Route Of Entry Inds - Inhalation:**

YES

**Skin:**

YES

**Ingestion:**

YES

**Carcinogenicity Inds - NTP:**

NO

**IARC:**

NO

**OSHA:**

NO

**Health Hazards Acute And Chronic:**

DIRECT CONTACT W/EYES MAY CAUSE IRRITATION. SKIN ABSORPTION/INGESTION OF REAGENTS CONTAINING SODIUM AZIDE MAY CAUSE A DECREASE IN BLOOD PRESSURE & SEVERE HEADACHES. BOVINE GAMMA GLOBULIN MAY CAUSE ALL ERGIC REACTIONS IN RARE INSTANCES.

**Explanation Of Carcinogenicity:**

NONE

**Signs And Symptoms Of Overexposure:**

IRRITATION.

**Medical Cond Aggravated By Exposure:**

INDIVIDUALS W/HYPERSENSITIVITY TO BOVINE GAMMA GLOBULIN/ISOThIAZOLONES, KATHON.

**First Aid:**

EYES: FLUSH W/PLENTY OF WATER. SKIN: FLUSH W/PLENTY OF WATER & WASH CONTACT AREA W/SOAP & WATER. OBTAIN MEDICAL ATTENTION IN ALL CASES.

**Spill Release Procedures:**

ABSORB W/ABSORBENT MATERIAL. PLACE ABSORBENTS INTO SUITABLE LABELED CONTAINER. WASH AREA W/SOAPY WATER & FLUSH WASH TO SEWER W/LARGE AMOUNTS OF WATER.

**Neutralizing Agent:**

N/K

**Waste Disposal Methods:**

2 LANDFILL/INCINERATE IAW/FEDERAL, STATE & LOCAL REGULATIONS.

**Handling And Storage Precautions:**

DON'T EAT, DRINK/SMOKE WHERE REAGENTS ARE HANDLED. DON'T PIPET BY MOUTH; USE MECHANICAL PIPETTING DEVICE.

**Other Precautions:**

AVOID CONTACT W/EYES & SKIN. WHEN HANDLING, USE PROPER PERSONAL PROTECTIVE EQUIPMENT. KEEP REAGENT BOTTLES CLOSED WHEN NOT IN USE.

## Fire and Explosion Hazard Information

**Flash Point Method:**

N/P

**Flash Point:**

**Flash Point Text:**

N/R

**Autoignition Temp:**

**Autoignition Temp Text:**

N/A

**Lower Limits:**

N/R

**Upper Limits:**

N/R

**Extinguishing Media:**

USE APPROPRIATE FOR SURROUNDING FIRE.

**Fire Fighting Procedures:**

WEAR SCBA & FULL PROTECTIVE CLOTHING.

**Unusual Fire/Explosion Hazard:**

DISCHARGE OF LARGE AMOUNTS OF REAGENTS & WASTE SOLUTIONS CONTAINING SODIUM AZIDE TO LEAD/COPPER SEWERAGE DRAINS COULD PROMOTE BUILDUP OF EXPLOSIVE METAL AZIDES.

## Physical/Chemical Properties

**HCC:**

**NRC/State Lic No:**

**Net Prop WT For Ammo:**

**Boiling Point:**

**B.P. Text:**

N/R

**Melt/Freeze Pt:**

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

N/R

**Decomp Temp:**

**Decomp Text:**

N/K

**Viscosity:**

N/P

**Evaporation Rate & Reference:**

N/K

**Solubility in Water:**

COMPLETE

**Appearance and Odor:**

A CLEAR, COLORLESS TO PALE YELLOW SOLUTION

**Percent Volatiles by Volume:**

N/K

**Corrosion Rate:**

N/K

**Reactivity Data**

**Stability Indicator:**

YES

**Stability Condition To Avoid:**

N/R

**Materials To Avoid:**

HEAVY METALS, ACIDS, ACID CHLORIDES, SODIUM AZIDE

**Hazardous Products:**

TOXIC PRODUCTS

**Hazardous Polymerization Indicator:**

NO

**Conditions To Avoid Polymerization:**

N/R

## 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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