

# MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-63/63-42-3.html> for suppliers of this product.

## Composition/Information on Ingredient

**Cas:**  
63-42-3  
**Code:**  
M

**RTECS:**  
OD9625000  
**Code:**  
M

**Name:**  
LACTOSE

**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:**  
NOT REQUIRED.

**Ventilation:**  
LOCAL EXHAUST

**Protective Gloves:**  
RUBBER

**Eye Protection:**  
SAFETY GLASSES WITH SIDE SHIELDS

**Other Protective Equipment:**  
Equipment EYE WASH STATION, PROTECTIVE CLOTHING AND/OR UNIFORM.

**Work Hygienic Practices:**  
OBSERVE GOOD PERSONAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES.

**Supplemental Safety and Health:**  
NONE

## Health Hazards Data

**LD50LC50Mixture:**  
LD50 (ORAL RAT) IS >5 G/KG.

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

**Skin:**  
YES

**Ingestion:**  
YES

**Carcinogenicity Inds - NTP:**  
NO

**IARC:**  
NO

**OSHA:**  
NO

**Health Hazards Acute And Chronic:**  
ACUTE- THERE ARE NO ADVERSE EFFECTS OF OVEREXPOSURE ANTICIPATED DURING NORMAL HANDLING OF VIALS OF THIS PRODUCT. OVEREXPOSURE TO PRODUCT ITSELF MAY EFFECT CARBOHYDRATE, PROTEIN & FAT METABOLISM. CHRON IC- MAY CAUSE PITUITARY-ADRENAL SUPPRESSION, CUSHING'S SYNDROM. OSTEOPOROSIS, CATARACTS, GLAUCOMA W/OPTIC NERVE DAMAGE.

**Explanation Of Carcinogenicity:**  
2 INGREDIENTS ARE NOT LISTED AS A CARCINOGEN BY IARC, NTP OR OSHA.

**Signs And Symptions Of Overexposure:**  
OVEREXPOSURE-MENTAL SYMPTOMS, HYPERGLYCEMIA, GLYCOSURIA, MUSCULAR WEAKNESS AND FATIGUE, ACNE, MENSTRAL DISORDERS AND PEPTIC ULCERS.

**Medical Cond Aggravated By Exposure:**  
HYPERSENSITIVITY TO THIS MATERIAL MAY RESULT. CORTICOSTEROIDS EXHIBIT ENHANCED EFFECTS ON PERSONS WITH HYPOTHYROIDISM OR CIRRHOSIS.

**First Aid:**  
EYE:FLUSH WITH WATER FOR 15 MINUTES. HOLD EYELIDS OPEN. SKIN:WASH WITH SOAP & WATER. REMOVE CONTAMINATED CLOTHING. INHALED:REMOVE FROM EXPOSURE. ORAL:CONTACT A PHYSICIAN OR POISON CONTROL CENTER. NOTE TO PHYSICIAN:METHYLPREDNISOLONE SODIUMSUCCINATE HAS A PLASMA HALF-LIFE OF 2.3 TO 4 HOURS IN NORMAL SUBJECTS. THE DURATION OF PHARMACOLOGICAL ACTIVITY, HOWEVER, IS 18 TO 36 HOURS.

**Spill Release Procedures:**  
WEAR PROTECTIVE EQUIPMENTS. VENTILATE AREA. REMOVE IGNITION SOURCES (ORGANIC DUST). KEEP OUT OF DRAINS AND WATERWAYS. VACUUM (HEPA-FILTER, EXPLOSION PROOF) OR SCOOP SPILLED MATERIAL AND PLACE IN CONT AINER. AVOID RAISING DUST.

**Neutralizing Agent:**  
NOT RELEVANT

**Waste Disposal Methods:**  
DISPOSE OF BY INCINERATION IN ACCORDANCE WITH APPLICABLE INTERNATIONAL, NATIONAL, STATE AND/OR LOCAL WASTE DISPOSAL REGULATIONS.

**Handling And Storage Precautions:**  
STORE IN COOL, DRY PLACE AWAY FROM LIGHT. KEEP OUT OF REACH OF CHILDREN. STORE BETWEEN 59-86F (15-30C). USE SOLUTION WITHIN 48 HOURS AFTER DILUTING.

**Other Precautions:**  
DO NOT RAISE DUST. AVOID CONTACT WITH EYES. AVOID INHALATION OF DUST. WASH THOROUGHLY AFTER HANDLING MATERIAL.

## Fire and Explosion Hazard Information

**Flash Point Method:**  
N/P

**Flash Point:**

**Flash Point Text:**  
NONFLAMMABLE

**Autoignition Temp:**

**Autoignition Temp Text:**  
N/K

**Lower Limits:**  
N/R

**Upper Limits:**  
N/R

**Extinguishing Media:**  
WATER, CARBON DIOXIDE OR DRY CHEMICAL.

**Fire Fighting Procedures:**  
WEAR SELF-CONTAINED BREATHING APPARATUS AND FULL BODY PROTECTIVE EQUIPMENT.

**Unusual Fire/Explosion Hazard:**  
AS WITH ALL FINELY DIVIDED ORGANIC POWDERS, IT IS ADVISABLE TO ELIMINATE EXPLOSION HAZARDS BY GROUNDING MECHANICAL EQUIPMENT IN CONTACT WITY THE MATERIAL. 3

## Physical/Chemical Properties

**HCC:**  
T6

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

**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

**VOC Grams/Liter:**

**Viscosity:**  
N/R

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

**Solubility in Water:**  
FREELY SOLUBLE

**Appearance and Odor:**  
WHITE POWDER IN STANDARD VIALS OR IN COMPARTMENTALIZED VIALS W/POWDER &DILUENT

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

**Corrosion Rate:**  
N/K

## Reactivity Data

**Stability Indicator:**  
YES

**Stability Condition To Avoid:**  
NONE

**Materials To Avoid:**  
NONE 4

**Hazardous Decomposition Products:**  
NONE

**Hazardous Polymerization Indicator:**  
NO

**Conditions To Avoid Polymerization:**  
NOT RELEVANT

## 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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