

# MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-140/1400-62-0.html> for suppliers of this product.

## Composition/Information on Ingredient

**Cas:**  
1400-62-0  
**Code:**  
M  
**RTECS:**  
**Code:**  
X  
**Name:**  
ORCEIN \*93-4\*  
**Other REC Limits:**  
N/K  
**OSHA PEL:**  
N/K  
**Code:**  
M  
**OSHA STEL:**  
**Code:**  
**ACGIH TLV:**  
N/K  
**Code:**  
M N/P  
**ACGIHSTEL:**  
EPA Rpt Qty: DOT Rpt Qty: Ozone Depleting Chem  
**Code:**  
1 ACGIH STEL:

## Control Measures

**Respiratory Protection:**  
A DUST/MIST RESPIRATOR  
**Ventilation:**  
LOCAL EXHAUST WHICH CAPTURES THE CONTAMINANT AT IT'S SOURCE.  
**Protective Gloves:**  
REQUIRED  
**Eye Protection:**  
CHEMICAL SAFETY GOGGLES.  
**Other Protective Equipment:**  
Equipment LAB COAT, APRON, COVERALLS.  
**Work Hygienic Practices:**  
N/K  
**Supplemental Safety and Health:**  
N/K

## Health Hazards Data

**LD50LC50Mixture:**  
N/K  
**Route Of Entry Inds - Inhalation:**  
N/P  
**Skin:**  
N/P  
**Ingestion:**  
N/P  
**Carcinogenicity Inds - NTP:**  
NO  
**IARC:**  
NO  
**OSHA:**  
NO  
**Health Hazards Acute And Chronic:**  
PROLONGED EXPOSURE MAY RESULT IN ALLERGIC REACTION.  
**Explanation Of Carcinogenicity:**  
NONE  
**Signs And Symptions Of Overexposure:**  
N/K  
**Medical Cond Aggravated By Exposure:**  
N/K  
**First Aid:**  
INHALATION: REMOVE TO FRESH AIR. INGESTION:IF LARGE AMOUNTS WERE SWALLOWED GIVE WATER TO DRINK. SKIN: WASH W/SOAP & WATER. EYES: WASH THOROUGHLY W/RUNNING WATER. OBTAIN MEDICAL ATTENTION IN ALL CASES.  
**Spill Release Procedures:**  
VENTILATE AREA. CLEAN-UP PERSONNEL MAY REQUIRE RESPIRATORY PROTECTION FROM DUST. SWEEP UP & CONTAINERIZE FOR RECLAMATION/DISPOSAL. VACUUMING/WET SWEEPING MAY BE USED TO AVOID DUST DISPERSAL.  
**Neutralizing Agent:**  
N/K  
**Waste Disposal Methods:**  
DISPOSE OF IN ACCORDANCE W/LOCAL, STATE, & FEDERAL REGULATIONS.  
**Handling And Storage Precautions:**  
KEEP IN A TIGHLY CLOSED CONTAINER, STORED IN A COOL, DRY VENTILATED AREA. PROTECT AGAINST PHYSICAL DAMAGE. ISOLATE FROM INCOMPATIBLE SUBSTANCES.  
**Other Precautions:**  
AVOID CONTACT W/SKIN, EYES & CLOTHING. DON'T INGEST/BREATHE DUST. DON'T WEAR CONTACT LENSES.

## Fire and Explosion Hazard Information

**Flash Point Method:**  
N/P 2  
**Flash Point:**  
**Flash Point Text:**  
N/K  
**Autoignition Temp:**  
**Autoignition Temp Text:**  
N/A  
**Lower Limits:**  
N/K  
**Upper Limits:**  
N/K  
**Extinguishing Media:**  
USE ANY MEANS SUITABLE FOR EXTINGUISHING SURROUNDING FIRE.  
**Fire Fighting Procedures:**  
WEAR FULL PROTECTIVE CLOTHING & NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS W/FULL FACEPIECE OPERATED IN THE PRESSURE DEMAND/POSITIVE PRESSURE MODE.  
**Unusual Fire/Explosion Hazard:**  
N/K

## Physical/Chemical Properties

**HCC:**  
**NRC/State LIC No:**  
**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 3  
**VOC Pounds/Gallon:**  
**PH:** N/K  
**VOC Grams/Liter:**  
**Viscosity:**  
N/P  
**Evaporation Rate & Reference:**  
N/K  
**Solubility in Water:**  
INSOLUBLE  
**Appearance and Odor:**  
BROWNISH-RED POWDER W/NO ODOR  
**Percent Volatiles by Volume:**  
N/K  
**Corrosion Rate:**  
N/K

## Reactivity Data

**Stability Indicator:**  
YES  
**Stability Condition To Avoid:**  
HEAT  
**Materials To Avoid:**  
N/K  
**Hazardous Decomposition Products:**  
N/K  
**Hazardous Polymerization Indicator:**  
NO  
**Conditions To Avoid Polymerization:**  
N/K

## 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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