

# MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-102/10213-10-2.html> for suppliers of this product.

## Composition/Information on Ingredient

**Cas:**  
10213-10-2  
**Code:**  
M  
  
**RTECS:**  
YO7900000  
**Code:**  
M  
  
**Name:**  
SODIUM TUNGSTATE

**Other REC Limits:**  
NONE SPECIFIED

**OSHA PEL:**  
1 MG/M3  
**Code:**  
M

**OSHA STEL:**

**Code:**

**ACGIH TLV:**  
1 MG/M3  
**Code:**  
M

**ACGIHSTEL:**  
N/P  
**Code:**  
1

## Control Measures

**Respiratory Protection:**  
IF THE TLV IS EXCEEDED, A DUST/MIST RESPIRATOR MAY BE WORN UP TO TEN TIMES THE TLV. CONSULT RESPIRATOR SUPPLIER FOR DETAILS.

**Ventilation:**  
A SYSTEM OF LOCAL AND/OR GENERAL EXHAUST IS RECOMMENDED TO KEEP EMPLOYEE EXPOSURE BELOW THE AIRBORNE EXPOSURE LIMIT.

**Protective Gloves:**  
WEAR PROTECTIVE GLOVES.

**Eye Protection:**  
USE CHEMICAL SAFETY GOGGLES.

**Other Protective Equipment:**  
Equipment WEAR CLEAN BODY-COVERING CLOTHING. MAINTAIN EYE WASH FOUNTAIN &QUICK-DRENCH FACILITIES IN WORK AREA.

**Work Hygienic Practices:**  
NONE SPECIFIED BY MANUFACTURER.

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

## Health Hazards Data

**LD50LC50Mixture:**  
ORAL LD50 (RAT) IS UNKNOWN

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

**Skin:**  
NO

**Ingestion:**  
NO

**Carcinogenicity Inds - NTP:**  
NO

**IARC:**  
NO

**OSHA:**  
NO

**Health Hazards Acute And Chronic:**  
ACUTE: INHALE-DUST MAY IRRITATE THE MUCOUS MEMBRANES. INGEST-MAY CAUSE GASTROINTESTINAL DISTURBANCES. LARGE DOSES MAY CAUSE RESPIRATORY ARREST OR CIRCULATORY COLLAPSE. EYE-DUST MAY CAUSE IRRITATION. C HRONIC: REPEATED OR PROLONGED INHALATION OF DUST MAY CAUSE PULMONARY FIBROSIS.

**Explanation Of Carcinogenicity:**  
NOT LISTED AS A CARCINOGEN.

**Signs And Symptoms Of Overexposure:**  
INGESTION-DIARRHEA.

**Medical Cond Aggravated By Exposure:**  
NO INFORMATION FOUND.

**First Aid:**  
INHALATION-REMOVE TO FRESH AIR. GET MEDICAL ATTENTION FOR ANY BREATHING DIFFICULTY. INGESTION-GIVE SEVERAL GLASSES OF WATER TO DILUTE. IF LARGE AMOUNTS WERE SWALLOWED, GET MEDICAL ADVICE. SKIN-NOT EXP ECTED TO REQUIRE FIRST AID MEASURES. EYE-WASH THOROUGHLY WITH RUNNING WATER. GET MEDICAL ADVICE IF IRRITATION DEVELOPS.

**Spill Release Procedures:**  
VENTILATE AREA OF LEAK OR SPILL. CLEAN-UP PERSONNEL MAY REQUIRE RESPIRATORY PROTECTION FROM DUST. SWEEP UP & CONTAINERIZE FOR RECLAMATION OR DISPOSAL. VACUUMING OR WET SWEEPING MAY BE USED TO AVOID DU ST DISPERSAL.

**Neutralizing Agent:**  
N/R

**Waste Disposal Methods:**  
WHAT EVER CANNOT BE SAVED FOR RECLAMATION MAY BE DELIVERED TO AN APPROVED WASTE DISPOSAL FACILITY. ENSURE COMPLIANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.

**Handling And Storage Precautions:**  
KEEP IN TIGHTLY CLOSED CONTAINER, STORED IN A COOL, DRY, VENTILATED AREA. PROTECT AGAINST PHYSICAL DAMAGE.

**Other Precautions:**  
CONTACT LENSES SHOULD NOT BE WORN WHEN WORKING WITH THIS MATERIAL.

## Fire and Explosion Hazard Information

**Flash Point Method:**  
N/P 2

**Flash Point:**

**Flash Point Text:**  
NONE

**Autoignition Temp:**

**Autoignition Temp Text:**  
N/R

**Lower Limits:**  
N/R

**Upper Limits:**  
N/R

**Extinguishing Media:**  
USE ANY MEANS SUITABLE FOR EXTINGUISHING SURROUNDING FIRE.

**Fire Fighting Procedures:**  
IN THE EVENT OF A FIRE, WEAR FULL PROTECTIVE CLOTHING & NIOSH APPROVED SELF-CONTAINED BREATHING APPARATUS WITH FULL FACEPIECE OPERATED IN THE PRESSURE DEMAND.

**Unusual Fire/Explosion Hazard:**  
NOT CONSIDERED TO BE AN EXPLOSION HAZARD.

## Physical/Chemical Properties

**HCC:**  
N1

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

**Net Prop WT For Ammo:**

**Boiling Point:**

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

**Melt/Freeze Pt:**

**M.P/F.P Text:**  
212F,100C

**Decomp Temp:**

**Decomp Text:**  
N/R

**Vapor Pres:**  
N/K

**Vapor Density:**  
N/K 3

**Volatile Org Content %:**

**Spec Gravity:**  
3.23-3.25

**VOC Pounds/Gallon:**

**PH:** N/R

**VOC Grams/Liter:**

**Viscosity:**  
N/R

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

**Solubility in Water:**  
41G/100G WATER @0C

**Appearance and Odor:**  
FINE, WHITE CRYSTALLINE GRANULES; ODORLESS.

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

**Corrosion Rate:**  
N/R

## Reactivity Data

**Stability Indicator:**  
YES

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

**Materials To Avoid:**  
NO INCOMPATIBILITY DATA FOUND.

**Hazardous Decomposition Products:**  
EMITS TOXIC FUMES OF SODIUM OXIDE 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

**Sara Title III Information:** N/P

**Federal Regulatory Information:** N/P

**State Regulatory Information:** N/P

## Other Information

**Other Information:**N/P