

# MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-800/8007-18-9.html> for suppliers of this product.

### Composition/Information on Ingredient

8007-18-9

**Code:**  
M

**RTECS:**

**Code:**  
X

**Name:**  
NICKEL (ANTIMONY, TITANIUM YELLOW PIGMENT) \*93-1\*

**Other REC Limits:**  
N/K

**OSHA PEL:**  
0.5 MG/CUM

**Code:**  
M

**OSHA STEL:**

**Code:**

**ACGIH TLV:**  
0.5 MG/CUM

**Code:**  
M

**ACGIH STEL:**  
N/P

**Code:**

## Control Measures

WEAR APPROVED SUPPLIED AIR, FULL FACEPIECE, AIRLINE HOOD, OR SCBA IF LEVELS ARE EXCEEDED.

**Ventilation:**  
LOCAL (PREFERRED) OR GENERAL EXHAUST RECOMMENDED.

**Protective Gloves:**  
REQUIRED 3

**Eye Protection:**  
SAFETY GLASSES

**Other Protective Equipment:**  
Equipment EYE WASH & SHOWER IN AREA.

**Work Hygienic Practices:**  
WASH HANDS, FACE, FOREARMS, NECK WHEN EXITING WORK AREA & BEFORE EATING, DRINKING, OR SMOKING.

**Supplemental Safety and Health:**  
CONTACT LENSES SHOULD NOT BE WORN. DISPOSE OF OUTER CLOTHING, CHANGE TO CLEAN GARMENTS. AVOID CROSS CONTAMINATION OF STREET CLOTHES.

**LD50LC50Mixture:**

<b>Route Of Entry Inds - Inhalation:</b> YES
<b>Skin:</b> NO
<b>Ingestion:</b> YES
<b>Carcinogenicity Inds - NTP:</b> YES
<b>IARC:</b> YES
<b>OSHA:</b> NO
<b>Health Hazards Acute And Chronic:</b> SYMPTOMS ARE EXPECTED TO BE LESS SEVERE THAN EXPOSURE TO MORE CONCENTRATED NITRIC ACID. INHALATION: IRRITATION OF THE RESPIRATORY TRACT. INGESTION: BURNING SENSATION. LARGE DOSES OF NICKEL MAY CAUSE S YSTEMIC POISONING. SKIN: IRRITATION, PAIN, BURNS, DERMATITIS. EYES: IRRITATION.
<b>Explanation Of Carcinogenicity:</b> NICKEL IS A SUSPECTED HUMAN CARCENOGEN, IARC GROUP 2A.
<b>Signs And Symptions Of Overexposure:</b> INGESTION: VOMITING, DIARRHEA. SYSTEMIC POISONING: CAPILLARY, LIVER, & KIDNEY DAMAGE; MYOCARDIAL WEAKNESS, CNS DEPRESSION. SKIN: REDNESS, DERMATITIS (NICKEL ITCH). CHRONIC: PULMONARY DISORDERS.
<b>Medical Cond Aggravated By Exposure:</b> SKIN SENSITIVITY 2
<b>First Aid:</b> INHALATION: REMOVE TO FRESH AIR. IF BREATHING DIFFICULT OR SPED, GIVE OXYGEN OR CPR. INGESTION: DON'T INDUCE VOMITING. GIVE LARGE QUANTITIES OF WATER/MILK. SKIN: WASH W/SOAP & WATER. EYES: WASH W/P LENTY OF WATER FOR 15 MINS. OBTAIN MEDICAL ATTENTION IN ALL CASES.
<b>Spill Release Procedures:</b> NEUTRALIZE & CONTAINERIZE.
<b>Neutralizing Agent:</b> SODIUM BICARBONATE, SODA ASH
<b>Waste Disposal Methods:</b> DISPOSE I/A/W LOCAL, STATE & FEDERAL REGULATIONS.
<b>Handling And Storage Precautions:</b> KEEP IN TIGHTLY CLOSED CONTAINER. STORE IN COOL, DRY, VENTILATED AREA. PROTECT AGAINST PHYSICAL DAMAGE & FREEZING.
<b>Other Precautions:</b> N/K

N/P

**Flash Point Text:**  
NOT COMBUSTIBLE

**Autoignition Temp:**

**Autoignition Temp Text:**  
N/A

**Lower Limits:**  
N/K

**Upper Limits:**  
N/K

**Extinguishing Media:**  
ANY MEDIUM SUITABLE FOR EXTINGUISHING THE SUPPORTING FIRE.

**Fire Fighting Procedures:**  
WEAR A SELF-CONTAINED BREATHING APPARATUS & FULL PROTECTIVE CLOTHING.

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

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## Physical/Chemical Properties

**HCC:**

**RRC/State LIC No:**

**Net Prop WT For Ammo:**

**Boiling Point:**

**B.P. Text:**  
212F

**Melt / Freeze Pt:**

**M.P./F.P Text:**  
32F

**Decomp Temp:**

**Decomp Text:**  
N/K

**Vapor Pres:**  
AS WATER

**Vapor Density:**  
AS WATER

**Volatile Org Content %:**

**Spec Gravity:**  
1

**VOC Pounds/Gallon:**

**PH:** N/K

**VOC Grams/Liter:**

**Viscosity:**  
N/P

**Evaporation Rate & Reference:**  
(WATER = 1): 1

**Solubility in Water:**  
COMPLETE

**Appearance and Odor:**  
CLEAR, PALE GREEN SOLUTION, ODORLESS.

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

**Corrosion Rate:**  
N/K

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## Reactivity Data

**Stability Indicator:**  
YES

**Stability Condition To Avoid:**  
FREEZING

**Materials To Avoid:**  
STRONG BASES, METALLIC POWDERS, CARBIDES, HYDROGEN SULFIDE, TURPENTINE, COMBUSTIBLE ORGANICS & MOST OTHER SUBSTANCES.

**Hazardous Decomposition Products:**  
NICKEL FUMES, NITROGEN OXIDES

**Hazardous Polymerization Indicator:**  
NO

**Conditions To Avoid Polymerization:**  
N/K

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## Toxicological Information

## MCDG T 1000 1.1.1.6

## Regulatory Information

### Sara Title III Inf

**State Regulatory Information:** N/P

Out of 600

**Other Information:**N/P

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WARRANTY  
The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is