

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

Cas:

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

Respiratory Protection:

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.

Health Hazards Data

LD50/LC50 Mixture:

N/K

Route Of Entry Inds - Inhalation:

YES

Skin:

NO

Ingestion:

YES

Carcinogenicity Inds - NTP:

YES

IARC:

YES

OSHA:

NO

Health Hazards Acute And Chronic:

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 SYSTEMIC POISONING. SKIN: IRRITATION, PAIN, BURNS, DERMATITIS. EYES: IRRITATION.

Explanation Of Carcinogenicity:

NICKEL IS A SUSPECTED HUMAN CARCINOGEN, IARC GROUP 2A.

Signs And Symptoms Of Overexposure:

INGESTION: VOMITING, DIARRHEA. SYSTEMIC POISONING: CAPILLARY, LIVER, & KIDNEY DAMAGE; MYOCARDIAL WEAKNESS, CNS DEPRESSION. SKIN: REDNESS, DERMATITIS (NICKEL ITCH). CHRONIC: PULMONARY DISORDERS.

Medical Cond Aggravated By Exposure:

SKIN SENSITIVITY 2

First Aid:

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.

Spill Release Procedures:

NEUTRALIZE & CONTAINERIZE.

Neutralizing Agent:

SODIUM BICARBONATE, SODA ASH

Waste Disposal Methods:

DISPOSE I/A/W LOCAL, STATE & FEDERAL REGULATIONS.

Handling And Storage Precautions:

KEEP IN TIGHTLY CLOSED CONTAINER. STORE IN COOL, DRY, VENTILATED AREA. PROTECT AGAINST PHYSICAL DAMAGE & FREEZING.

Other Precautions:

N/K

Fire and Explosion Hazard Information

Flash Point Method:

N/P

Flash Point:

Flash Point Text:

NOT COMBUSTIBLE

Autoignition Temp:

N/A

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.

Physical/Chemical Properties

HCC:

NRC/State Lic No:

Net Prop WT For Ammo:

Boiling Point:

B.P. Text:

212F

Melt/Freeze Pt:

32F

M.P./F.P. Text:

32F

Decomp Temp:

N/K

Decomp Text:

N/K

Vapor Pres:

AS WATER

Vapor Density:

AS WATER

Volatile Org Content %:

N/K

Spec Gravity:

1

VOC Pounds/Gallon:

N/K

PH:

N/K

VOC Grams/Liter:

N/K

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

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

Toxicological Information

Information: N/P

MSDS Transport Information

Information: N/P

Regulatory Information

Sara Title III Information: N/P

Federal Regulatory Information: N/P

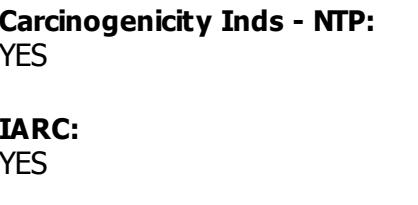
State Regulatory Information: N/P

Other Information

Other Information: N/P

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