

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-101/10102-05-3.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:
10102-05-3
Code:
M

RTECS:
QV0560000
Code:
M

Name:
PALLADIUM NITRATE *95-1*

Other REC Limits:
N/K

OSHA PEL:
N/K

Code:
M

OSHA STEL:

Code:

ACGIH TLV:

N/K

Code:

M

ACGIHSTEL:

N/P

Code:

Control Measures

Respiratory Protection:
WEAR MSHA/NIOSH APPROVED RESPIRATOR

Ventilation:
USE IN A CHEMICAL FUME HOOD

Protective Gloves:
CHEMICAL RESISTANT

Eye Protection:
CHEMICAL RESISTANT/GOGGLES

Other Protective Equipment:
Equipment LAB COAT, EYE WASH

Work Hygienic Practices:
REMOVE/LAUNDER CONTAMINATED CLOTHING BEFORE REUSE. WASH CAREFULLY AFTER USE. 3

Supplemental Safety and Health:
HEALTH HAZ CONT'D: VAPOR/MIST MAY ERODE THE EXPOSED TEETH W/PROLONGED EXPOSURE. INGESTION: LIQUID WILL CAUSE PAIN & BURNS OF THE MOUTH/ESOPHAGUS & GASTROINTESTINAL TRACT. INHALATION: MAY BE FATAL CAUS ING SPASM/INFLAMMATION & EDEMA OF THE LARYNX & BRONCHI, CHEMICAL PNEUMONITI & PULMONARY EDEMA.

Health Hazards Data

LD50LC50Mixture:

N/P

Route Of Entry Inds - Inhalation:

YES

Skin:

YES

Ingestion:

YES

Carcinogenicity Inds - NTP:

NO

IARC:

NO

OSHA:

NO

Health Hazards Acute And Chronic:
PALLADIUM MAY BE HARMFUL IF INHALED/INGESTED/CONTACTED W/SKIN/EYES. CONCENTRATED NITRIC ACID MAY BE FATAL IF TOO MUCH IS INHALED/ABSORBED THROUGH THE SKIN. EYES: MAY CAUSE SEVERE BURNS/PERMANENT DAMAG E/VISUAL IMPAIRMENT. SKIN: SEVERE PENETRATING BURNS, CAUSES DEEP ULCERS & STAINS THE SKIN. (SEE SUPP)

Explanation Of Carcinogenicity:

NONE

Signs And Symptions Of Overexposure:
IRRITATION, BURNS, STAINING OF SKIN, PAIN, SPASM, INFLAMMATION, BURNING SENSATION, COUGHING, WHEEZING, LARYNGITIS, SHORTNESS OF BREATH, HEADACHE, NAUSEA, VOMITING

Medical Cond Aggravated By Exposure:

N/K

First Aid:
EYES/SKIN: FLUSH W/WATER FOR 15 MINS. INHALATION: MOVE TO FRESH AIR. INGESTION: DON'T INDUCE VOMITING. IF CONSCIOUS, GIVE LARGE AMOUNTS OF MILK/WATER. OBTAIN MEDICAL ATTENTION IN ALL CASES.

Spill Release Procedures:
VENTILATE. DILUTE W/WATER & NEUTRALIZE W/SODA ASH/LIMESTONE. WIPE UP & PUT INTO A SEALED CONTAINER FOR DISPOSAL. WASH SITE W/WATER AFTER PICK UP IS COMPLETE. WEAR CHEMICAL RESISTANT GLASSES/GLOVES & C LOTHING. WEAR MSHA/NIOSH APPROVED RESPIRATOR.

Neutralizing Agent:

2 N/K

Waste Disposal Methods:
DISPOSE OF IN ACCORDANCE W/LOCAL, STATE & FEDERAL REGULATIONS.

Handling And Storage Precautions:
STORE AT ROOM TEMPERATURE. KEEP TIGHTLY SEALED WHEN NOT IN USE.

Other Precautions:
AVOID INHALATION, INGESTION & CONTACT W/EYES & SKIN.

Fire and Explosion Hazard Information

Flash Point Method:

N/P

Flash Point:

Flash Point Text:

N/R

Autoignition Temp:

Autoignition Temp Text:

N/A

Lower Limits:

N/K

Upper Limits:

N/K

Extinguishing Media:
APPROPRIATE TO SURROUNDING FIRE CONDITIONS

Fire Fighting Procedures:

N/K

Unusual Fire/Explosion Hazard:
NITRIC ACID-HEAT OF REACTION W/REDUCING AGENTS/COMBUSTIBLES MAY CAUSE IGNITION, STRONG BASES WILL CAUSE SPLATTERING. ELEVATED TEMP MAY CAUSE CONTAINERS TO BURST

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:

1

VOC Pounds/Gallon:

PH: N/K

VOC Grams/Liter:

Viscosity:

N/P

Evaporation Rate & Reference:

N/K

Solubility in Water:

COMPLETE

Appearance and Odor:
TRANSPARENT W/AN ACRID ODOR

Percent Volatiles by Volume:

N/K

Corrosion Rate:

N/K

Reactivity Data

Stability Indicator:

YES

Stability Condition To Avoid:
ELEVATED TEMPERATURES

Materials To Avoid:
ALCOHOL, WOOD, TURPENTINE, METAL POWDERS, HYDROGEN SULFIDE, STRONG BASES

Hazardous Decomposition Products:
TOXIC NITROGEN OXIDE FUMES &VAPORS

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