

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-130/1308-38-9.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:

1308-38-9

Code:

M

RTECS:

GB6475000

Code:

M

Name:

CHROMIUM (III) OXIDE

Other REC Limits:

N/R

OSHA PEL:

7 0.5 MG/M3 (CR)

Code:

M

OSHA STEL:

Code:

ACGIH TLV:

0.5 MG/M3 (CR); 8990

Code:

M

ACGIH STEL:

N/P

Code:

Control Measures

Respiratory Protection:

USE RESPIRABLE FUME RESPIRATOR OR AIR SUPPLIED RESPIRATOR WHEN WELDING IN A CONFINED SPACE OR WHERE LOCAL EXHAUST OR VENTILATION DOES NOT KEEP EXPOSURE BELOW TLV.

Ventilation:

USE ADEQUATE GENERAL VENTILATION & LOCAL EXHAUST AT THE ARC.

Protective Gloves:

WELDER'S GLOVES

Eye Protection:

10 HELMET/FACE SHIELD WITH FILTER LENS.

Other Protective Equipment:

Equipment WEAR PROTECTIVE CLOTHING.

Work Hygienic Practices:

N/P

Supplemental Safety and Health:

N/P

Health Hazards Data

LD50/LC50 Mixture:

N/K

Route Of Entry Inds - Inhalation:

YES

Skin:

NO

Ingestion:

NO

Carcinogenicity Inds - NTP:

YES

IARC:

YES

OSHA:

NO

Health Hazards Acute And Chronic:

ACUTE: MAY RESULT IN DISCOMFORT SUCH AS DIZZINESS, NAUSEA, DRYNESS OR IRRITATION OF NOSE, THROAT OR EYES, TIGHTNESS IN CHEST, FEVER & ALLERGIC REACTIONS. CHRONIC: MAY LEAD TO SIDEROSIS & IS BELIEVED BY SOME INVESTIGATORS TO AFFECT PULMONARY FUNCTION.

Explanation Of Carcinogenicity:

NICKEL & CHROMIUM ARE LISTED AS CARCINOGENIC.

Signs And Symptoms Of Overexposure:

SEE "HEALTH HAZARDS".

Medical Cond Aggravated By Exposure:

NONE STATED

First Aid:

REMOVE TO FRESH AIR. IF BREATHING IS DIFFICULT, ADMINISTER OXYGEN. IF BREATHING HAS STOPPED, APPLY ARTIFICIAL RESPIRATOR; GET MEDICAL HELP.

Spill Release Procedures:

SWEEP UP OR SCOOP UP.

Neutralizing Agent:

N/P

Waste Disposal Methods:

DISCARD ANY PRODUCT RESIDUE, DISPOSABLE CONTAINER OR LINER IN AN ENVIRONMENTALLY ACCEPTABLE MANNER.

Handling And Storage Precautions:

9 USE EXHAUST SYSTEM TO CLEAR WELDING FUMES.

Other Precautions:

N/P

Fire and Explosion Hazard Information

Flash Point Method:

N/P

Flash Point:

N/P

Flash Point Text:

N/R

Autoignition Temp:

N/A

Autoignition Temp Text:

N/A

Lower Limits:

N/R

Upper Limits:

N/R

Extinguishing Media:

USE PROPER MEDIA FOR SURROUNDING FIRE.

Fire Fighting Procedures:

NEED TO WEAR PROTECTIVE EQUIPMENT.

Unusual Fire/Explosion Hazard:

WELDING ARC & SPARKS CAN IGNITE COMBUSTIBLES.

Physical/Chemical Properties

HCC:

N1

NRC/State LIC No:

Net Prop WT For Ammo:

Boiling Point:

B.P. Text:

N/K

Melt/Freeze Pt:

N/K

M.P./F.P. Text:

N/K

Decomp Temp:

N/K

Decomp Text:

N/K

N.V.

N.R.

Lower Limits:

N/R

Upper Limits:

N/R

Extinguishing Media:

USE PROPER MEDIA FOR SURROUNDING FIRE.

Fire Fighting Procedures:

NEED TO WEAR PROTECTIVE EQUIPMENT.

Unusual Fire/Explosion Hazard:

WELDING ARC & SPARKS CAN IGNITE COMBUSTIBLES.

Other Information:

N/P

Reactivity Data

Stability Indicator:

YES

Stability Condition To Avoid:

NONE STATED

Material To Avoid:

NONE

Hazardous Decomposition Products:

IT IS COMPLEX, CAN NOT BE CLASSIFIED EASILY, DEPENDING ON THE ELECTRODE USED, COATING CONTAMINANTS IN THE ATMOSPHERE.

Hazardous Polymerization Indicator:

NO

Conditions To Avoid Polymerization:

N/P

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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