

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-131/1310-14-1.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:

1310-14-1

Code:

M

RTECS:**Code:**

X

Name:

GOETHITE, YELLOW IRON OXIDE

Other REC Limits:

N/K

OSHA PEL:

N/K

Code:

M

OSHA STEL:**Code:****ACGIH TLV:**

N/K

Code:

M

ACGIH STEL:

N/P

Code:

Control Measures

Respiratory Protection:

USE A CHEMICAL RESPIRATOR APPROVED FOR ORGANIC VAPORS (NIOSH 23 OR EQUIVALENT) UNTIL WORK AREA HAS BEEN EXHAUSTED OF ALL VAPORS.

Ventilation:

LOCAL EXHAUST TO KEEP

Protective Gloves:

IMPERVIOUS, RUBBER 4

Eye Protection:

CHEMICAL SPLASH GOGGLES

Other Protective Equipment:

Equipment N/K

Work Hygienic Practices:

N/K

Supplemental Safety and Health:

N/K

Health Hazards Data

LD50/LC50 Mixture:

ORAL LD50 (RAT): 5000 MG/KG

Route Of Entry Inds - Inhalation:

YES

Skin:

YES

Ingestion:

YES

Carcinogenicity Inds - NTP:

NO

IARC:

NO

OSHA:

32%/WT

Health Hazards Acute And Chronic:

SKIN: IRRITATION. EYES: IRRITATION, & INJURY. INHALATION: UPPER RESPIRATORY TRACT IRRITATION, LIVER & KIDNEY EFFECTS. INGESTION: BURNING SENSATION, VOMITING, DIARRHEA, DROWSINESS, TISSUE DAMAGE. ASPIRATION OF MATERIAL INTO LUNGS CAN CAUSE CHEMICAL PNEUMONITIS WHICH CAN BE FATAL.

Explanation Of Carcinogenicity:

CARBON BLACK IS A SUSPECTED HUMAN CARCINOGEN BY ACGIH.

Signs And Symptoms Of Overexposure:

SKIN: IRRITATION. EYES: IRRITATION, & INJURY. INHALATION: UPPER RESPIRATORY TRACT IRRITATION, LIVER & KIDNEY EFFECTS. INGESTION: BURNING SENSATION, VOMITING, DIARRHEA, DROWSINESS, TISSUE DAMAGE. ASPIRATION OF MATERIAL INTO LUNGS CAN CAUSE CHEMICAL PNEUMONITIS WHICH CAN BE FATAL.

Medical Cond Aggravated By Exposure:

N/K

First Aid:

3 SKIN: WASH W/SOAP & WATER. EYES: FLUSH W/WATER FOR 15 MINS. INGESTION: DON'T INDUCE VOMITING. INHALATION: REMOVE TO FRESH AIR. RESTORE BREATHING IF REQUIRED. OBTAIN MEDICAL ATTENTION IN ALL CASES.

Spill Release Procedures:

REMOVE ALL SOURCES OF IGNITION. VENTILATE AREA. REMOVE W/INSERT ABSORBENT & SCRUB W/SOAP & WATER.

Neutralizing Agent:

N/K

Waste Disposal Methods:

DISPOSE OF IN ACCORDANCE W/LOCAL, STATE, & FEDERAL REGULATIONS. UN1993.

Handling And Storage Precautions:

STORE IN COOL, DRY PLACE. STORE LARGE QUANTITIES IN BUILDINGS DESIGNED AND PROTECTED FOR STORAGE OF NFPA CLASS II COMBUSTIBLE LIQUIDS.

Other Precautions:

DON'T TAKE INTERNALLY. AVOID BREATHING VAPORS. AVOID SKIN & EYE CONTACT. AVOID FREE FALL OF LIQUID IN EXCESS OF A FEW INCHES.

Fire and Explosion Hazard Information

Flash Point Method:

SCC

Flash Point:

108F

Autoignition Temp:

N/A

Autoignition Temp Text:

N/A

Lower Limits:

1%

Upper Limits:

7%

Extinguishing Media:

CO₂, DRY CHEMICAL OR FOAM

Fire Fighting Procedures:

WEAR SELF-CONTAINED BREATHING APPARATUS. WATER MAY BE INEFFECTIVE, BUT MAY BE USED TO COOL CLOSED CONTAINERS. FOG NOZZLES ARE PREFERRED.

Unusual Fire/Explosion Hazard:

COOL CLOSED CONTAINERS TO PREVENT PRESSURE BUILDUP, POSSIBLE AUTOIGNITION, & EXPLOSION WHEN EXPOSED TO EXTREME HEAT. COMBUSTIBLE LIQUID.

Physical/Chemical Properties

HCC:**NRC/State LC No:****Net Prop WT For Ammo:**

N/A

Boiling Point:

295F

Mel/Freeze Pt:

N/K

M/P/F/P Text:

N/K

Decomp Temp:

N/K

Decomp Text:

N/K

Vapor Pres:

3.7

Vapor Density:

>AIR

Volatile Org Content %:

N/A

Spec Gravity:

N/K

VOC Pounds/Gallon:

N/A

pH:

N/R

VOC Grams/Liter:

N/A

Viscosity:

N/P

Evaporation Rate & Reference:

(N-BU AC = 1 P = 100)

INSOLUBILITY IN Water:

INSOLUBLE

Appearance and Odor:

WHITE/ESTER-LIKE ODOR.

Percent Volatiles by Volume:

32%/WT

Corrosion Rate:

N/K

Other Information:

N/P

Reactivity Data

Stability Indicator:

YES

Stability Condition To Avoid:

HEAT, ELECTRICAL EQUIPMENT, SPARKS, OPEN FLAME, HOT SURFACES, STATIC OR FRICTIONAL SPARKS, & OTHER IGNITION SOURCES

Materials To Avoid:

STRONG OXIDIZING AGENTS

Hazardous Decomposition Products:

CO₂, CO AND NITROGEN OXIDES IN VARYING QUANTITIES

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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