MATERIAL SAFETY DATA SHEET For R&D use only. Not for drug, household or other uses.

Composition/Information on Ingredient

Cas:

Click http://www.lookchem.com/cas-143/14302-13-7.html for suppliers of this product.

14302-13-7

Code: Χ Name: COPPER PHTHALOCYANINE GREEN (VAPOR PRESSURE 0 MM

Code:

Code:

APPROPRIATE FOR INDICATED COMPONENTS. IN CONFINED AREAS USE NIOSH/MSHA AIR SUPPLIED

RESPIRATOR.FOLLOW RESPIRATOR MFR'S DIRECTIONS & OSHA REGS.

GENERAL DILUTION/LOCAL EXHAUST VENT TO KEEP LEVEL OF HAZARD INGRED

Control Measures

WEAR CHEMICALLY RESISTANT GLOVES

SAFETY GLASSES W/SIDE SHIELDS OR GOGGLES

6 WASH CONTAMINATED CLOTHING BEFORE REUSE.

Respiratory Protection:

Ventilation:

Protective Gloves:

Eye Protection:

Other Protective Equipment:

Work Hygienic Practices:

LD50LC50Mixture:

N/K

Skin: YES

N/P

IARC: N/P

OSHA: N/P

First Aid:

Spill Release Procedures:

ABSORB W/INERT MAT'L.

Waste Disposal Methods:

GROUND OR SURFACE WATER.

Handling And Storage Precautions:

GOVERNMNTL REGS.GROUND/BOND WHEN TRANSFERNG

Fire and Explosion Hazard Information

EXTINGUISHERS (CARBON DIOXIDE, DRY CHEMICAL OR FOAM)

PROTECTIVE CLOTHING TO PREVENT CONTACT W/SKIN & EYES.

HANDLING PT. CLSD CNTNR MAY EXPLODE W/ EXTR HEAT.

Physical/Chemical Properties

Neutralizing Agent:

Other Precautions:

LOW/CONFINED AREA. **

Flash Point Method:

SCC

N/K

N/K

HCC:

N/K

NRC/State LIC No:

Boiling Point:

Melt/Freeze Pt:

M.P/F.P Text:

Decomp Temp:

Decomp Text:

Vapor Pres:

Vapor Density:

Spec Gravity:

VOC Pounds/Gallon:

VOC Grams/Liter:

Evaporation Rate & Reference:

SLOWER THAN N-BU AC

Appearance and Odor: LIQUID, SOLVENT ODOR

Percent Volatiles by Volume:

Reactivity Data

Stability Condition To Avoid:

Hazardous Decomposition Products:

Hazardous Polymerization Indicator:

Conditions To Avoid Polymerization:

Toxicological Information

Regulatory Information

Sara Title III Information: N/P

Federal Regulatory Information: N/P

State Regulatory Information: N/P

Other Information

Look for Chemicals

www.lookchem.com

Other Information:N/P

MSDS Transport Information

PRODUCTS OF COMBUSTION ARE HAZARDOUS INCLUDING CARBON MONOXIDE AND CARBON DIOXIDE.

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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

guarantee of the properties of the product. Lookchem shall not be held liable for any damage resulting from

handling or from contact with the above product. See reverse side of invoice or packing slip for additional

applicable to the product with regard to appropriate safety precautions. It does not represent any

WARRANTY

terms and conditions of sale.

Solubility in Water:

Corrosion Rate:

Stability Indicator:

NONE RECOGNIZED

Materials To Avoid: NONE RECOGNIZED

NONE RECOGNIZED

Information:N/P

Information:N/P

Volatile Org Content %:

N/K

N/K

> AIR

1.03

PH: N/K

Viscosity: N/K

N/K

YES

B.P. Text: 213 TO 313F

Net Prop WT For Ammo:

Flash Point:

31.0F,-0.6C

Lower Limits:

Upper Limits:

Extinguishing Media:

Fire Fighting Procedures:

Unusual Fire/Explosion Hazard:

Flash Point Text:

Autoignition Temp:

Autoignition Temp Text:

N/K

Ingestion:

FACILITIES SHOULD BE AVAILABLE.

Supplemental Safety and Health:

PRECAUTIONARY LAB EL WARNING.

Health Hazards Data

Route Of Entry Inds - Inhalation:

Carcinogenicity Inds - NTP:

Health Hazards Acute And Chronic:

Explanation Of Carcinogenicity:

Signs And Symptions Of Overexposure:

& SPLEEN EFFECTS, FETOTOXIC EFFECTS.

Medical Cond Aggravated By Exposure:

PRE-EXISTING SKIN, LUNG AND EYE CONDITIONS.

MED AID (PREFER OPHTHALMOLOGIST). INGESTION: GET MED AID.

IN AREAS WHERE TLV MAY BE EXCEEDED OR IF SPRAY MIST PRESENT, USE NIOSH/MSHA RESPIRATORY PROTECTION

Equipment AVOID SKIN CONTACT BY USE OF OTHER PROTECTIVE CLOTHES. SAFETY SHOWER, EYE BATH &WASHING

** DO NOT ENTER SUCH AREAS WITHOUT FOLLOWING APPROPRIATE PROCEDURES INCLUDING AIR MONITORING, USE

OF SUPPLIED AIR IF NECESSARY AND THE PRESENCE OF AN OBSERVER FOR ASSISTANCE. OBSERVE

INHALATION: NASAL & RESPIRATORY IRRITATION & ACUTE CENTRAL NERVOUS SYSTEM DEPRESSION (HEADACHE, DIZZINESS,

INGESTION: GI IRRITATION, NAUSEA, VOMITING AND DIARRHEA. PERMANENT BRAIN & NERVOUS SYSTEM DAMAGE.*

STAGGERING, CONFUSION, UNCONSCIOUSNESS, ASPHYXIATION). SKIN: IRRITATION, DEFATTING OR DERMATI TIS. EYE: IRRITATION.

* EFFECTS INCLUDE CONCENTRATION DIFFICULTIES, DIMINISHED ACTUAL DEXTERITY & MEMORY LOSS. ANIMAL: LIVER, KIDNEYS, LUNG

INHALATION: REMOVE TO FRESH AIR FROM EXPOSURE. GIVE ARTIFICIAL RESPIRATION OR CARDIOPULMONARY RESUSCITATION IF

MAY NEED TO REPORT SPILL (NAT'L RESPONSE CTR 800-424-8802).STATE & LOCAL AGENCIES HAVE REPORTING REO'MNTS.REMOVE IGNIT SOURCE.WEAR PERSONAL PROTECT EQUIP TO AVOID BREATHING VAPOR, SKIN, EYE CONTACT. USE NON-SPARK TOOL. SMALL: DIKE &

5 WHEN DISPOSING, ENSURE THAT IT IS PACKAGED, STORED, TRANSPORTED, MANAGED IN ACCORDANCE WITH LOCAL, STATE, & FEDERAL REGULATIONS. USE NO DISPOSAL METHOD THAT POSES ENVIRONMENTAL/HUMAN HLTH THREAT, INCL UDING CONTAMINATE

KEEP CNTNR CLSD.KEEP FROM HEAT, IGNIT SOURCE.DON'T STORE ABOVE 49C.STORE FLAMM LIQ IN ACCORD W/NFPA CODES &

EXPLOSIVE VAPORS. PREVENT PROLONGED CONTACT W/CONTAMINATED CLOTHING. VAPOR HEAVIER THAN AIR, COLLECT IN

WATER SPRAY MAY BE INEFFECTIVE. USE TO COOL (FOG NOZZLES) FIRE EXPOSED CONTAINERS. WEAR NIOSH/MSHA SCBA &

VAPORS COLLECT IN UNDER VENTED/CONFINED AREA, FORM EXPLOSIVE MIX W/AIR, MAY TRAVEL LONG DISTANCE. FLASHBACK TO

AVOID FREE FALL OF LIQUID. DON'T SMOKE WHERE MAT'L USED/STORED. DON'T APPLY TO HOT SURFACES. EMPTY DRUMS CONTAIN

REQUIRED. IF BREATHING IS DIFFICULT, GIVE OXYGEN. KEEP WARM & QUIET. GET MED AID. SKIN: W ASH WITH SOAP & WATER. DO NOT USE SOLVENTS. REMOVE CONTAMINATED CLOTHING & WASH BEFORE REUSE. GET MED AID. EYE: FLUSH W/WATER FOR 15 MINS. GET

Code: **ACGIH TLV:** NOT ESTABLISHED Code: Μ **ACGIHSTEL:**

Other REC Limits: NONE RECOMMENDED **OSHA PEL:** NOT ESTABLISHED Code: Μ **OSHA STEL:**

Μ **RTECS:**