

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-142/14295-43-3.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:
14295-43-3
Code:
M

RTECS:

Code:
X

Name:
THIO INDIGO PIGMENT

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:
USE PROPERLY FITTED VAPOR/PARTICULATE RESPIRATOR APPROVED BY NIOSH/MSHA (TC-23C) FOR VAPORS & SPRAY MISTS. IN CONFINED SPACES/CONTINUOUS SPRAY OPERATIONS, USE A POSITIVE-PRESSURE, SUPPLIED-AIR RESPIRATOR (TC-19C).

Ventilation:
SUFFICIENT IN VOLUME & PATTERN TO KEEP

Protective Gloves:
NEOPRENE

Eye Protection:
SPLASH GUARDS OR SIDE SHIELDS

Other Protective Equipment:
Equipment COVERALLS 5

Work Hygienic Practices:
WASH THOROUGHLY AFTER HANDLING &BEFORE EATING OR SMOKING.

Supplemental Safety and Health:
PERCENT VOLATILE BY WEIGHT: 32-60%

Health Hazards Data

LD50LC50Mixture:
N/K

Route Of Entry Inds - Inhalation:
YES

Skin:
YES

Ingestion:
YES

Carcinogenicity Inds - NTP:
NO

IARC:
NO

OSHA:
NO

Health Hazards Acute And Chronic:
INGESTION: GASTROINTESTINAL DISTRESS. INHALATION: NOSE & THROAT IRRITATION, HEADACHE, NAUSEA, DIZZINESS, LOSS OF COORDINATION, PERMANENT BRAIN & NERVOUS SYSTEM DAMAGE. EYES: WATERING, IRRITATION, & BURNING. SKIN: IRRITATION, DISCOMFORT & DERMATITIS.

Explanation Of Carcinogenicity:
NONE

Signs And Symptions Of Overexposure:
INGESTION: GASTROINTESTINAL DISTRESS. INHALATION: NOSE & THROAT IRRITATION, HEADACHE, NAUSEA, DIZZINESS, LOSS OF COORDINATION, PERMANENT BRAIN & NERVOUS SYSTEM DAMAGE. EYES: WATERING, IRRITATION, & BURNING. SKIN: IRRITATION, DISCOMFORT, & DERMATITIS.

Medical Cond Aggravated By Exposure:
N/K

First Aid:
INHALATION: REMOVE TO FRESH AIR. EYES: FLUSH W/WATER FOR AT LEAST 15 MINS. SKIN: WASH W/SOAP & WATER. INGESTION: OBTAIN MEDICAL ATTENTION IN ALL CASES.

Spill Release Procedures:
REMOVE IGNITION SOURCES. VENTILATE AREA. WEAR PROTECTIVE EQUIPMENT. CONFINE & REMOVE W/INERT ABSORBENT.

Neutralizing Agent:
4 N/K

Waste Disposal Methods:
DONT ALLOW MATERIAL TO CONTAMINATE GROUND WATER SYSTEMS. INCINERATE ABSORBED MATERIAL IN ACCORDANCE W/LOCAL, STATE, & FEDERAL REGULATIONS. DONT INCINERATE CLOSED CONTAINERS. FLAMMABLE LIQUID. UN1263 .

Handling And Storage Precautions:
DONT STORE >120F. CLOSE CONTAINERS AFTER EACH USE. GROUND CONTAINERS WHEN POURING. DONT SAND/FLAME CUT/BRAZE/WELD DRY COATING WITHOUT RESPIRATOR.

Other Precautions:
AVOID CONTACT W/SKIN. DONT BREATHE VAPORS/MISTS.

Fire and Explosion Hazard Information

Flash Point Method:
CC

Flash Point:

Flash Point Text:
73F

Autoignition Temp:

Autoignition Temp Text:
N/A

Lower Limits:
0.7%

Upper Limits:
23%

Extinguishing Media:
WATER SPRAY, FOAM, CO2, OR DRY CHEMICAL

Fire Fighting Procedures:
WEAR FULL PROTECTIVE CLOTHING & SELF-CONTAINED BREATHING APPARATUS. WATER FROM FOG NOZZLES MAY BE USED TO COOL CONTAINERS TO PREVENT PRESSURE BUILD UP.

Unusual Fire/Explosion Hazard:
WHEN HEATED >FLASHPOINT, EMITS FLAMMABLE VAPORS WHICH, WHEN MIXED W/AIR, CAN BURN/EXPLODE. FINE MISTS/SPRAYS MAY BE FLAMMABLE AT TEMPS

Physical/Chemical Properties

HCC:

NRC/State LIC No:

Net Prop WT For Ammo:

Boiling Point:

B.P. Text:
172.4-424F

Melt/Freeze Pt:

M.P/F.P Text:
N/K

Decomp Temp:

Decomp Text:
N/K

Vapor Pres:
N/K

Vapor Density:
>AIR

Volatile Org Content %:

Spec Gravity:
N/K

VOC Pounds/Gallon:

PH: N/K

VOC Grams/Liter:

Viscosity:
N/P

Evaporation Rate & Reference:
LESS THAN ETHER

Solubility in Water:
MISCIBLE

Appearance and Odor:
N/K

Percent Volatiles by Volume:
48-68%

Corrosion Rate:
N/K

Reactivity Data

Stability Indicator:
YES

Stability Condition To Avoid:
HEAT, SPARKS, FLAME, &OTHER IGNITION SOURCES

Materials To Avoid:
N/K

Hazardous Decomposition Products:
CO, CO2 &SMOKE

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