

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-157/15793-73-4.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:
15793-73-4
Code:
M
RTECS:
Code:
X
Name:
DIARYLIDE ORANGE Environmental Wt: Other REC Li
Other REC Limits:
N/P
OSHA PEL:
N/P
Code:
OSHA STEL:
N/P
Code:
ACGIH TLV:
N/P
Code:
ACGIHSTEL:
N/P
Code:

Control Measures

Respiratory Protection:
WEAR AN APPROPRIATE (TYPE TC-23C-75) PROPERLY FITTED HALF-MASK OF FULL FACEPIECE RESPIRATOR (NIOGH/MSHA) DURING AND AFTER APPLICATION UNLESS AIR MONITORING DEMONSTRATES VAPOR/MIST LEVELS ARE BELOW APPLICABLE LIMITS. FOLLOW RESPIRATOR MANUFACTURER'S DIRECTIONS FOR USE.
Ventilation:
SUFFICIENT VENTILATION IN VOLUME AND PATTERN SHOULD BE PROVIDED ****
Protective Gloves:
NITRILE OR VITON 7
Eye Protection:
CHEMICAL GOGGLES, SAFETY GLASSES, OR FACE SHIELDS.
Other Protective Equipment:
Equipment EMPLOYEES SHOULD WASH PROMPTLY WHEN SKIN BECOMES CONTAMINATED. REMOVE ANY CLOTHING THAT BECOMES WET (TO AVOID FLAMMABILITY HAZARD) AND WASH BEFORE REUSE.
Work Hygienic Practices:
WASH HANDS BEFORE EATING, SMOKING, OR USING RESTROOM.
Supplemental Safety and Health:
SUFFICIENT VENTILATION IN VOLUME AND PATTERN SHOULD BE PROVIDED TO KEEP THE AIR CONCENTRATION BELOW CURRENT APPLICABLE EXPOSURE LIMIT. REMOVE DECMPSITION PRODUCTS FORMED DURING WELDING OR FLAME CUTTING OF SURFACES COATED WITH THIS PRODUCT. FOR BAKING FINISHES--VENT VAPORS EMITTED ON HEATING.

Health Hazards Data

LD50LC50Mixture:
N/P
Route Of Entry Inds - Inhalation:
YES
Skin:
YES
Ingestion:
N/P
Carcinogenicity Inds - NTP:
N/P
IARC:
N/P
OSHA:
N/P
Health Hazards Acute And Chronic:
5 EYES: SEVERE IRRITATION, LACRIMATION, REDNESS, BLURRED VISION. SKIN: REDNESS AND IRRITATION, DEFATTING OF THE SKIN LEADING TO DERMATITIS. BREATHING: NASAL AND RESPIRATORY IRRITATION, CNS DEPRESSION (DIZZINESS, DROWSINESS, WEAKNESS, FATIGUE, CONFUSION) NAUSEA, HEADACHE, VERTIGO, POSSIBLE UNCONSCIOUSNESS, EVEN ASPHYXIATION. SWALLOWING: GASTROINTESTINAL IRRITATION, ABDOMINAL PAIN, NAUSEA, VOMITING, DIARRHEA.
Explanation Of Carcinogenicity:
N/P
Signs And Symptoms Of Overexposure:
DERMATITIS, BLOOD, INCOHERENCE, CORNEAL VACUOLIZATION, ANOREXIA, PROLONGED EXPOSURE TO SOLVENTS MAY CAUSE CHRONIC HEALTH EFFECTS, EUPHORIA, NERVOUSNESS, INSOMNIA, PARESTHESIA, PHOBIA. TARGET ORGANS: LIVER, KIDNEYS , EYES, SKIN, RESPIRATORY SYSTEM, NUISANCE DUST, BLOOD, CNS, GI TRACT.
Medical Cond Aggravated By Exposure:
N/P
First Aid:
INHALATION: MOVE VICTIM TO FRESH AIR AT ONCE. IF BREATHING HAS STOPPED, PERFORM ARTIFICIAL RESPIRATION. GET MEDICAL ATTENTION AS SOON AS POSSIBLE. SKIN CONTACT: WASH WITH SOAP AND WATER. EYE CONTACT: IMMEDIATELY FLUSH EYES WITH LARGE AMOUNT OF WATER FOR AT LEAST 15 MINUTES, OCCASIONALLY LIFTING UPPER AND LOWER LIDS. GET MEDICAL ATTENTION IMMEDIATELY. CONTACT LENSES SHOULD NOT BE WORN WHEN WORKING WITH THIS MATERIAL. SWALLOWING: DRINK 1 OR 2 GLASSES OF WATER. DO NOT INDUCE VOMITING. CONSULT A
Spill Release Procedures:
ELIMINATE ALL IGNITION SOURCES. MINIMIZE THE BREATHING OF VAPORS AND AVOID SKIN CONTACT. ABSORB WITH AN INERT MATERIAL SUCH AS CLAY, SOIL, OR A COMMERCIALY AVAILABLE ABSORBENT. SHOVEL RECLAIMED LIQUID AND ABSORBENT INTO RECOVERY OR SALVAGE DRUMS FOR DISPOSAL. *
Neutralizing Agent:
N/P
Waste Disposal Methods:
DISPOSE OF IN ACCORDANCE WITH APPLICABLE LOCAL, STATE, AND FEDERAL REGULATIONS.
Handling And Storage Precautions:
AVOID STORAGE IN HIGH TEMPERATURE AREAS OR NEAR FIRE OR OPEN FLAME. KEEP CONTAINERS CLOSED WHEN NOT IN USE. AVOID ROUGH HANDLING. 6
Other Precautions:
* FOR LARGE SPILLS: ELIMINATE ALL IGNITION SOURCES. MINIMIZE THE BREATHING OF VAPORS AND AVOID SKIN CONTACT. DIKE TO PREVENT FURTHER MOVEMENT AND RECLAIM INTO RECOVERY OR SALVAGE DRUMS OR TANK TRUCK FOR DISPOSAL. OTHER PRECAUTIONS: CONTAINERS OF THIS MATERIAL MAY BE HAZARDOUS WHEN EMPTY. **

Fire and Explosion Hazard Information

Flash Point Method:
TCC
Flash Point:
=22.2C, 72.F
Flash Point Text:
72F 22C TCC
Autoignition Temp:
Autoignition Temp Text:
N/P
Lower Limits:
0.8
Upper Limits:
7.1
Extinguishing Media:
DRY CHEMICAL, FOAM, CO2.
Fire Fighting Procedures:
WEAR SELF-CONTAINED BREATHING APPARATUS WITH A FULL FACEPIECE OPERATED IN POSITIVE PRESSURE MODE AND FULL PROTECTIVE CLOTHING. WATER MAY BE USED TO COOL CLOSED CONTAINERS TO PREVENT PRESSURE BUILD UP AND POSSIBLE AUTO IGNITION OR EXPLOSION WHEN EXPOSED TO EXTREME HEAT.
Unusual Fire/Explosion Hazard:
KEEP CONTAINERS TIGHTLY CLOSED. ISOLATE FROM HEAT , SPARKS , ELECTRICAL EQUIPMENT, AND OPEN FLAME. CLOSED CONTAINERS MAY EXPLODE WHEN EXPOSED TO EXTREME HEAT. APPLICATION TO HOT SURFACES REQUIRES SPECIAL PRECAUTIONS. DURING EMERGENCY CONDITIONS, OVEREXPOSURE TO ***

Physical/Chemical Properties

HCC:
NRC/State LIC No:
Net Prop WT For Ammo:
Boiling Point:
>100.C, 212.F
B.P. Text:
212-398 F (100-203)
Melt/Freeze Pt:
M.P/F.P Text:
N/P
Decomp Temp:
Decomp Text:
N/P
Vapor Pres:
N/P
Vapor Density:
N/P
Volatile Org Content %:
Spec Gravity:
1.118
VOC Pounds/Gallon:
3.01
PH: N/P
VOC Grams/Liter:
Viscosity:
70-75 KU
Evaporation Rate & Reference:
SLOWER THAN ETHER
Solubility in Water:
YES
Appearance and Odor:
LIQUID, ODOR OF SOLVENTS 8
Percent Volatiles by Volume:
41.15
Corrosion Rate:
MINIMAL

Reactivity Data

Stability Indicator:
YES
Stability Condition To Avoid:
HIGH TEMPERATURES.
Materials To Avoid:
STRONG OXIDIZERS, NITRATES, ALKALIES, ACIDS, STRONG ACIDS.
Hazardous Decomposition Products:
CAN PRODUCE CARBON MONOXIDE AND/OR CARBON DIOXIDE.
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