

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-479/479-45-8.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:

479-45-8

Code:

M

RTECS:

BY6300000

Code:

M

Name:

DETONATOR (TOTAL WEIGHT <2 G)- TETRYL (TRINITROPH)

Other REC Limits:

NONE SPECIFIED

OSHA PEL:

S, 1.5 MG/M3

Code:

M

OSHA STEL:

Code:

ACGIH TLV:

1.5 MG/M3; 9293

Code:

M

ACGIH STEL:

N/P

Code:

Control Measures

Respiratory Protection:

CONTACT LOCAL SAFETY/INDUSTRIAL HYGIENE OFFICE TO DETERMINE IF RESPIRATORY PROTECTION IS REQUIRED (FP A).

Ventilation:

CONTACT LOCAL SAFETY/INDUSTRIAL HYGIENE OFFICE TO DETERMINE IF LOCAL EXHAUST VENTILATION IS NEEDED (FP A).

Protective Gloves:

NOT KNOWN

Eye Protection:

NOT KNOWN

Other Protective Equipment:

Equipment 11 NOT KNOWN

Work Hygienic Practices:

NOT KNOWN

Supplemental Safety and Health:

PHYS APPEARANCE:WEIGHING 30 LB,HERMETICALLY SEALED ON ONE END WITH AN ALUMINUM CAP AND ON THE OTHER END WITH A BLACK PLASTIC HOUSING.

Health Hazards Data

LD50/LC50/Mixture:

NOT KNOWN

Route Of Entry Inds - Inhalation:

YES

Skin:

NO

Ingestion:

NO

Carcinogenicity Inds - NTP:

NO

IARC:

NO

OSHA:

NO 9

Health Hazards Acute And Chronic:

ALL HAZARDOUS ITEMS ARE SEALED INSIDE OF THE UNIT AND ARE STABLE,SOLID MATERIALS.

Explanation Of Carcinogenicity:

NONE

Signs And Symptoms Of Overexposure:

EYES:DIRECT CONTACT WITH BURNING FLARES MAY DAMAGE EYES.INHALATION:SMOKE OF DECOMPOSITION PRODUCTS MAY BE HARMFUL.

Medical Cond Aggravated By Exposure:

NOT KNOWN

First Aid:

EYES:FOR EYE DAMAGE CONTACT PHYSICIAN.SKIN:FOR THERMAL BURNS CONTACT PHYSICIAN.

Spill Release Procedures:

IF OUTER CASE IS RUPTURED,IT IS EXTREMELY UNLIKELY THAT ANY HAZARDOUS MATERIALS WILL BE RELEASED OR SPILLED.ALL ARE IN FORM OF CONSOLIDATED,CURED,SOLID COMPOSITIONS.IF CONTAINER IS DAMAGED,MUNITIONS EXPERT SHOULD BE CONSULTED FOR DISPOSAL.

Neutralizing Agent:

NOT KNOWN

Waste Disposal Methods:

DISPOSAL MUST BE IAW FEDERAL,STATE,AND LOCAL REGULATIONS.COORDINATE WITH SUPPORTING INSTALLATION AND/OR MACOM ENVIRONMENTAL OFFICE PRIOR TO DISPOSAL (FP A).DAMAGED FLARES SHOULD BE DISPOSED OF BY TRAI NED EXPLOSIVE ORDNANCE DISPOSAL (EOD) PERSONNEL.

Handling And Storage Precautions:

FLARES MAY BE STORED AT TEMP OF -40F TO +140F FOR PROLONGED PERIODS OF TIME.IF STORED OUTSIDE,LIGHTNING PROTECTION REQUIRED.KEEP AWAY FROM FIRE.

Other Precautions:

IF DAMAGE OF FLARE EXPOSES THE PARACHUTE,DO NOT ATTEMPT TO REMOVE THE PARACHUTE AS A PULL FORCE OF APPROXIMATELY 90 LB EXERTED ON THE PARACHUTE ATTACH CABLES MAY CAUSE FLARE IGNITION. 10

Fire and Explosion Hazard Information

Flash Point Method:

N/P

Flash Point:

Flash Point Text:

NONE

Autoignition Temp:

Autoignition Temp Text:

N/A

Lower Limits:

N/A

Upper Limits:

N/A

Extinguishing Media:

VERY DIFFICULT TO EXTINGUISH.FLARE SHOULD BE ALLOWED TO BURN OUT,WHICH WILL OCCUR IN APPROX 4 MINUTES AFTER INITIATION.

Fire Fighting Procedures:

WEAR SELF-CONTAINED BREATHING APPARATUS (SCBA) AND FULL TURNOUT GEAR (FP A).COOL SURROUNDING MATERIAL & MINIMIZE FLAME PROPAGATION.AVOID EYE CONTACT WITH FLARE.

Unusual Fire/Explosion Hazard:

LARGE VOL OF HIGH VELOCITY WATER MAY BE USED TO CONTROL BURNING OF 1 OR 2 FLARES BUT WILL HAVE LITTLE EFFECT UPON MORE.BURNING FLARES PRODUCE DENSE SMOKE.

Physical/Chemical Properties

HCC:

NRC/State Lic No:

N/R

Net Prop WT For Ammo:

N/A

Boiling Point:

B.P. Text:

NOT KNOWN

Melt / Freeze Pt:

N/A

M.P/F.P Text:

NOT KNOWN

Decomp Temp:

N/A

Decomp Text:

NOT KNOWN

Vapor Pres:

NONE

Vapor Density:

NOT KNOWN

Volatile Org Content %:

N/A

Spec Gravity:

NOT KNOWN

VOC Pounds/Gallon:

N/A

PH:

N/K

VOC Grams/Liter:

N/A

Viscosity:

N/P

Evaporation Rate & Reference:

NOT KNOWN

Solubility in Water:

N/A

Appearance and Odor:

ALUMINUM CYLINDER,WEIGHT 30 LB,4 7/8 INCH DIAMETER,36 INCH LONG,(SEE SUP DATA)

Percent Volatiles by Volume:

NIL

Corrosion Rate:

N/K

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Reactivity Data

Stability Indicator:

YES

Stability Condition To Avoid:

TEMPERATURES ABOVE 140F, 12

Materials To Avoid:

NONE KNOWN

Hazardous Decomposition Products:

MAGNESIUM OXIDE

Hazardous Polymerization Indicator:

NO

Conditions To Avoid Polymerization:

WILL NOT OCCUR.

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

Other Information: