

OPTI-FLUOR

MSDS Number

BTXPG

National Stock Number

6810-00N046018

Product Name

OPTI-FLUOR

Manufacturer

PACKARD INSTRUMENT CO INC

Product Identification

Product ID: OPTI-FLUOR

MSDS Date: 01/01/1992

FSC: 6810

NIIN: 00N046018

MSDS Number: BTXPG

Responsible Party

PACKARD INSTRUMENT CO INC

2200 WARRENVILLE ROAD

DOWNERS GROVE , IL 60515

US

Emergency Phone: 800-424-9300

Preparer: J W VANDERWEELE

Cage: 11426

Contractor

PACKARD INSTRUMENT COMPANY INC.

DOWNERS GROVE, IL 60515

US

800-323-5891/708-969-6000

Cage: 11426

Ingredients

PHOSPHORIC ACID, TRIBUTYL ESTER; (TRIBUTYL PHOSPHATE)

CAS: 126-73-8

RTECS: TC7700000

Fraction By Weight:

OSHA PEL 0.2 PPM

ACGIH TLV: 0.2 PPM

BENZENE, DODECYL-; (ALKYLBENZENE)

CAS: 123-01-3

RTECS: CZ9540000

OSHA PEL N/K

ACGIH TLV: N/K

OXAZOLE, 2,5-DIPHENYL-; (PPO)

CAS: 92-71-7

RTECS: RP6825000

OSHA PELN/K

ACGIH TLV: N/K

BIS-MSB

CAS: 13280-61-0

OSHA PELN/K

ACGIH TLV: N/K

Hazards

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.

Routes of Entry: Inhalation:YES Skin:NO Ingestion:YES

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:ACUTE: CONTACT MAY CAUSE SLIGHT IRRITATION OF EYES, SKIN AND MUCOUS MEMBRANES. MAY CAUSE NAUSEA, DIRRHEA OR VOMITING IF INGESTED. NO CHRONIC EFFECTS ARE KNOWN.

Explanation of Carcinogenicity:NOT RELEVANT.

Effects of Overexposure:SEE HEALTH HAZARDS.

Medical Cond Aggravated by Exposure:NONE.

First Aid

First Aid:INHALATION: REMOVE TO FRESH AIR. SKIN: WASH AFFECTED AREAS WITH SOAPY WATER. EYE: FLUSH WITH RUNNING WATER FOR AT LEAST 15 MINUTES AND SEEK MEDICAL ATTENTION IF IRRITATION PERSISTS.

INGESTION: CALL MD IMMEDIATELY .

Fire Fighting

Flash Point Method:TCC

Flash Point:300F,149C

Lower Limits:0.45%

Upper Limits:10.7%

Extinguishing Media:DRY CHEMICAL, CARBON DIOXIDE OR FOAM.

Fire Fighting Procedures:WEAR NIOSH/MSHA APPROVED SCBA AND FULL PROTECTIVE EQUIPMENT .

Unusual Fire/Explosion Hazard:NONE.

Accidental Release

Spill Release Procedures:REMOVE IGNITION SOURCES, VENTILATE AREA.

ABSORB SMALL SPILLS WITH PAPER, DIATOMACEOUS EARTH OR EQUIVALENT, WITH EVAPORATION IN FUME HOOD.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

Handling

Handling and Storage Precautions:KEEP TIGHTLY CLOSED. PROTECT FROM LIGHT. STORE IN COOL DRY PLACE WITH ADEQUATE VENTILATION.

Other Precautions:WARNING! CONTAINS MILDLY IRRITATING SOLVENT ALKYL BENZENE. AVOID CONTACT WITH EYES AND SKIN, PROLONGED BREATHING OF VAPOR. AVOID SPARKS AND OPEN FLAME.

Exposure Controls

Respiratory Protection:NONE REQUIRED.

Ventilation:MECHANICAL SATISFACTORY.

Protective Gloves:CHEMICAL PROOF GLOVES.

Eye Protection:ANSI APPROVED CHEM WORKER GOGGLES

Other Protective Equipment:NONE.

Work Hygienic Practices:NO EATING, DRINKING OR SMOKING IN AREA. WASH AFTER USE.

Supplemental Safety and Health

SPECIFIC GRAVITY: 0.900 @ 20C (H2O=1).

Chemical Properties

HCC:N1

Boiling Pt:B.P. Text:>518F,>270C

Vapor Pres:Spec Gravity:SUPP DATA

Solubility in Water:SLIGHT, 0.1% @ 20C

Appearance and Odor:CLEAR BLUE-VIOLET FLUORESCENT LIQUID WITH MILD ODOR.

Percent Volatiles by Volume:

Stability

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZERS.

Stability Condition to Avoid:NONE.

Hazardous Decomposition Products:NONE.

Disposal

Waste Disposal Methods:SANITARY SEWER OR INCINERATE IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS.

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