PRIST AVIATION FUEL ADDITIVE (HI-FL0, LO-FLO)

MSDS Number
BFNKT

National Stock Number
6850-00-753-5061

Product Name
PRIST AVIATION FUEL ADDITIVE (HI-FL0, LO-FLO)

Manufacturer
PPG INDUSTRIES INC

Product Identification
Product ID: PRIST AVIATION FUEL ADDITIVE (HI-FL0, LO-FLO)
MSDS Date: 11/07/1991
FSC: 6850
NIIN: 00-753-5061
MSDS Number: BFNKT

Responsible Party
PPG INDUSTRIES, INC.
ONE PPG PLACE
PITTSBURGH, PA 15272
US
Emergency Phone: 304-843-1300
Info Phone: 304-843-1300
Cage: GO796

Contractor
PPG INDUSTRIES, INC. COATINGS TRESINS DIV.
PITTSBURGH, PA 15272
US
1-800-245-2974 (CAL HYPO)
Cage: GO796

Ingredients
2-METHOXYETHANOL (EGME) (SARA III)
CAS: 109-86-4
RTECS: KL5775000
Fraction By Weight: 100.0%
OSHA PELS, 25 PPM
ACGIH TLV: S, 5 PPM; 9192

DYE (CONTAINS 75-150 PPM OF 2,6-DITERTIARY BUTYL PARACRESOL
Fraction By Weight: TRACE

Hazards
LD50 LC50 Mixture: LD50, RAT, ORAL: 2460 MG/KG; DERMAL: 2000 MG/KG
Routes of Entry: Inhalation: YES Skin: YES Ingestion: YES
Reports of Carcinogenicity: NTP: NO IARC: NO OSHA: NO
Health Hazards Acute and Chronic: PRODUCT IS MILDLY IRRITATING TO BODY
TISSUES. IT IS A CENTRAL NERVOUS SYSTEM DEPRESSANT AND CAUSES LIVER AND MARKED KIDNEY DAMAGE WHEN INHALED, INGESTED OR ABSORBED BY SKIN. CHRONIC EFFECTS ARE TOXICITY TO BLOOD FORMING TISSUE WHICH RESULTS IN ANEMIA. FETAL AND REPRODUCTIVE TOXICITY HAVE BEEN DEMONSTRATED IN ANIMALS. Explanation of Carcinogenicity: DATA PER MSDS

Effects of Overexposure:

EYE: IRRITATION. SKIN: IRRITATION INHALED: CENTRAL NERVOUS SYSTEM DEPRESSION INCLUDING HEADACHE, DROWSINESS, BLURRED VISION, WEAKNESS, TREMOR, UNCONSCIOUS. INGESTED: NARCOTIC ACTION, AT LOW DOES DEATH IS DELAYED ACCOMPANIED BY PULMONARY EDEMA, SLIGHT LIVER AND MARKED KIDNEY DAMAGE.

Medical Cond Aggravated by Exposure: NO INFORMATION GIVEN ON MSDS BY SUPPLIER

First Aid

First Aid: EYE: FLUSH W/WATER 15 MIN, HOLD LIDS OPEN. SKIN: REMOVE CONTAMINATED CLOTHING AND LAUNDER BEFORE REUSE. WASH WITH SOAP & WATER. INHALED: REMOVE TO FRESH AIR. RESTORE BREATHING AS NEEDED. INGESTED: IMMEDIATELY GIVE 2 LARGE GLASSES OF MILK OR WATER AND INDUCE VOMITING. (NOTHING BY MOUTH IF UNCONSCIOUS.) GET IMMEDIATE MEDICAL CARE. IF ANY IRRITATION PERSISTS OR IS SEVERE, SEE A DOCTOR.

Fire Fighting

Flash Point Method: TCC
Flash Point: 107°F, 42°C
Lower Limits: 2.0
Upper Limits: 14.0
Extinguishing Media: CO², DRY CHEMICAL OR ALCOHOL TYPE FOAM.

Fire Fighting Procedures: FIRE FIGHTERS SHOULD USE NIOSH APPROVED SCBA & FULL PROTECTIVE EQUIPMENT WHEN FIGHTING CHEMICAL FIRE. USE WATER SPRAY TO COOL NEARBY CONTAINERS EXPOSED TO FIRE.

Unusual Fire/Explosion Hazard: LIKE ALL ETHERS, CAN COMBINE WITH OXYGEN TO FORM EXPLOSIVE PEROXIDES ON CONTACT WITH AIR OVER LONG PERIOD.

Accidental Release

Spill Release Procedures: USE PROPER PERSONAL PROTECTION; REMOVE ALL IGNITION SOURCES; VENTILATE AREA; CONTAIN FREE LIQUID IF POSSIBLE; RECOVER LIQUID IF POSSIBLE; USE SUITABLE INERT ABSORBENT MATERIAL FOR REMAINDER AND PLACE IN CLOSED CONTAINERS FOR PROPER DISPOSAL.

Neutralizing Agent: NONE

Handling

Handling and Storage Precautions: STORE IN FLAMMABLE LIQUIDS STORAGE AREA; KEEP AWAY FROM SUNLIGHT, HEAT, OXIDIZING AGENTS, ALUMINUM STORAGE CONTAINERS. GROND CONTAINERS WHEN TRANSFERRING.

Other Precautions: NONE

Exposure Controls

Respiratory Protection: USE NIOSH/MSHA APPROVED SCBA OR AIR SUPPLIED RESPIRATOR IN CONFINED SPACES OR RESPIRATOR FOR ORGANIC VAPOR IF EXPOSURE IS ABOVE THE TLV/PEL. SEE 29 CFR 1910.134 FOR REGULATIONS PERTAINING TO RESPIRATOR USE.

Ventilation: LOCAL/GENERAL TO MAINTAIN EXPOSURES BELOW PEL/TLV.

Protective Gloves: BUTYL RUBBER
Eye Protection: SPLASH PROOF GOGGLES
Other Protective Equipment: BOOTS, APRONS, PROTECTIVE CLOTHING, WHEN NECESSARY TO PREVENT SKIN CONTACT. EYE WASH STATION AND SAFETY SHOWER,

Work Hygienic Practices: USE STRICT CHEMICAL HYGIENE PRACTICE. AVOID UNNECESSARY CONTACT. WASH THOROUGHLY BEFORE EATING OR DRINKING.

Supplemental Safety and Health

NONE

Chemical Properties

HCC: F4
Boiling Pt: B.P. Text: 256°F/124.5°C
Melt/Freeze Pt: M.P/F.P Text: -121°F, -85°C
Vapor Press: 6.2 MMHG
Vapor Density: 2.62
Spec Gravity: 0.966
pH: 7.0
Evaporation Rate & Reference: 0.5 (N-BUTYLACETATE=1)
Solubility in Water: COMPLETE
Appearance and Odor: CLEAR, LIGHT BLUE LIQUID WITH MILD AROMATIC ODOR.
Percent Volatiles by Volume: 100

**Stability**

Stability Indicator/Materials to Avoid: YES
OXIDIZING AGENTS, LONG TERM CONTACT WITH AIR, STORAGE IN ALUMINUM CONTAINERS
Stability Condition to Avoid: EXTREME HEAT
Hazardous Decomposition Products: MAY FORM EXOTHERMIC PEROXIDES UPON CONTACT WITH AIR FOR PROLONGED PERIODS.

**Disposal**

Waste Disposal Methods: DISPOSE I/A/W ALL FEDERAL, STATE AND LOCAL REGULATIONS. MANUFACTURER SUGGESTS THAT DISPOSAL MAY BE DONE BY INCINERATION.

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