

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

MSDS Number

BCYBF

National Stock Number

6850-00-082-2522

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:00-082-2522

MSDS Number: BCYBF

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:2460MG/KG;DERMAL:2000MG/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 DOSES DEATH IS DELAYED ACCOMPANIED BY PULMONARY EDEMA, SLIGHT LIVER AND MARKED KIDNEY DAMAGE.

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

First Aid

First Aid: EYE: FLUSH WITH WATER 15 MIN, HOLD LIDS OPEN. SKIN: REMOVE CONTAMINATED CLOTHING AND LAUNDRY 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. GRIND 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:-121F,-85C
Vapor Pres: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 EXOLOSIVE 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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