

YA721/YA718/YA718B PRESTONE ANTIFREEZE COOLANT

MSDS Number

CHZZK

National Stock Number

6850-00F056968

Product Name

YA721/YA718/YA718B PRESTONE ANTIFREEZE COOLANT

Manufacturer

PRESTONE PRODUCTS CORP

Product Identification

Product ID:YA721/YA718/YA718B PRESTONE ANTIFREEZE COOLANT

MSDS Date:08/14/1997

FSC:6850

NIIN:00F056968

Status Code:A

MSDS Number: CHZZK

Responsible Party

PRESTONE PRODUCTS CORPORATION

39 OLD RIDGEBURY ROAD

DANBURY , CT 06810-5109

US

Emergency Phone: 203-830-7800

Info Phone: 203-830-7800

Preparer: STAN PRUSAKOWSKI

Cage: EO340

Contractor

PRESTONE PRODUCTS CORPORATION

DANBURY, CT 06810

US

203-830-7865

Cage: EO340

Ingredients

ETHYLENE GLYCOL *98-3*

CAS: 107-21-1

RTECS: KW2975000

Fraction By Weight: 80-96%

OSHA PEL50 PPM

ACGIH TLV: C 127 MG/CUM

EPA Report Quantity: 1 LB

DOT Report Quantity: 1 LB

DIETHYLENE GLYCOL, 2,2-OXYBISETHANOL *98-3*

CAS: 111-46-6

RTECS: ID5950000

Fraction By Weight: 0-8%

NON-HAZARDOUS INGREDIENTS

Fraction By Weight: >1%

WATER

CAS: 7732-18-5

RTECS: ZC0110000

Hazards

LD50 LC50 Mixture:ORAL LD50(RAT): 4700 MG/KG (SEE SUPP)

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

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

Health Hazards Acute and Chronic:INHALATION: NOSE/THROAT IRRITANT.

EYES: PERSISTENT CONJUNCTIVITIS/CORNEAL INJURY. SKIN:

PROLONGED/REPEATED CONTACT MAY CAUSE DERMATITIS/SENSITIZATION.

INGESTION: MAY CAUSE KIDNEY FAILURE, CNS EFFECTS, CARDIAC FAILURE, PULMONARY EDEMA. SEVERE KIDNEY DAMAGE WHICH MAY BE FATAL.

Explanation of Carcinogenicity:NONE

Effects of Overexposure:IRRITATION, HEADACHE, NAUSEA, VOMITING, DIZZINESS, IRREGULAR EYE MOVEMENTS, DROWSINESS, BLURRED VISION, DISCOMFORT, REDNESS, BITTER TASTE, ABDOMINAL DISCOMFORT, PAIN, MALAISE, IRRITABILITY, BACK PAIN, DECREASE IN URINE OUTPUT, CONVULSIONS,COMA, WEAKNESS OF FACIAL MUSCLES, DIMINSHING HEARING, DIFFICULTY IN SWALLOWING

First Aid

First Aid:INHALATION: REMOVE TO FRESH AIR. GIVE CPR/OXYGEN IF NECESSARY. SKIN: WASH THOROUGHLY W/SOAP & WATER. EYES: IMMEDIATELY FLUSH W/LARGE AMOUNTS OF WATER FOR 15 MINS. INGESTION: NEVER GIVE ANYTHING BY MOUTH TO INDUCE VOMITING IF UNCONSCIOUS/DROWSY. OBTAIN MEDICAL ATTENTION IN ALL CASES.

Fire Fighting

Flash Point Method:PMCC

Flash Point:220F

Lower Limits:3.2

Upper Limits:15.3

Extinguishing Media:LARGE: ALCOHOL TYPE/ALL-PURPOSE FOAMS. SMALL: WATER

SPRAY/CO2, DRY CHEMICAL

Fire Fighting Procedures:DON'T SPRAY POOL FIRES DIRECTLY. COOL FIRE EXPOSED CONTAINERS W/WATER. WEAR POSITIVE PRESSURE SCBA & FULL PROTECTIVE CLOTHING.

Unusual Fire/Explosion Hazard:A SOLID STREAM OF WATER/FOAM DIRECTED INTO HOT, BURNING LIQUID CAN CAUSE FROTHING.

Accidental Release

Spill Release Procedures:WEAR APPROPRIATE PROTECTIVE CLOTHING & EQUIPMENT. COLLECT W/ABSORBENT MATERIAL & PLACE IN APPROPRIATE, LABELED CONTAINER FOR DISPOSAL/IF PERMITTED FLUSH AREA W/WATER.

Handling

Handling and Storage Precautions:DON'T STORE IN OPENED/UNLABELED CONTAINERS. KEEP CONTAINER AWAY FROM OPEN FLAMES/EXCESSIVE HEAT. DON'T REUSE EMPTY CONTAINERS UNLESS PROPERLY CLEANED.

Other Precautions:EMPTY CONTAINERS RETAIN PRODUCT RESIDUE & MAY BE DANGEROUS. DON'T CUT/WELD/DRILL CONTAINERS, EVEN EMPTY. DON'T DRINK ANTIFREEZE/SOLUTION. AVOID EYE & PROLONGED/REPEATED SKIN CONTACT. AVOID BREATHING VAPORS/MISTS.

Exposure Controls

Respiratory Protection: WHERE TLV IS EXCEEDED, A NIOSH APPROVED RESPIRATOR W/ORGANIC VAPOR CARTRIDGES & DUST/MIST PREFILTERS/SUPPLIED AIR RESPIRATOR IS RECOMMENDED.
Ventilation: GENERAL/LOCAL EXHAUST AS REQUIRED TO MAINTAIN EXPOSURES BELOW THE OCCUPATIONAL EXPOSURE LIMITS.
Protective Gloves: CHEMICAL RESISTANT, NEOPRENE
Eye Protection: SPLASH-PROOF GOGGLES
Other Protective Equipment: POLY VINYL CHLORINE GLOVES, PROTECTIVE CLOTHING, WASHING & EYE FLUSHING FACILITIES.
Work Hygienic Practices: REMOVE/LAUNDER CONTAMINATED CLOTHING BEFORE REUSE. WASH EXPOSED SKIN THOROUGHLY W/SOAP & WATER AFTER USE.
Supplemental Safety and Health
PH: 9.9-10.5. ORAL LD50 INFORMATION IS FOR: ETHYLENE GLYCOL.

Chemical Properties

Boiling Pt: B.P. Text: 334F
Melt/Freeze Pt: M.P/F.P Text: -8F
Vapor Pres: Vapor Density: 2.1
Spec Gravity: 9.4
pH: (SUPP)
Solubility in Water: COMPLETE
Appearance and Odor: YELLOW LIQUID W/A MILD ODOR
Percent Volatiles by Volume: NONE

Stability

Stability Indicator/Materials to Avoid: YES
STRONG BASES, STRONG ACIDS, STRONG OXIDIZING AGENTS & MATERIALS REACTIVE W/HYDROXYL COMPOUNDS
Stability Condition to Avoid: HIGH TEMPERATURES, OPEN FLAMES, EXCESSIVE HEAT
Hazardous Decomposition Products: CO, CO2

Disposal

Waste Disposal Methods: DISPOSE OF IN ACCORDANCE W/LOCAL, STATE & FEDERAL REGULATIONS.

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