

PRESTONE PRODUCTS CORPORATION -- PRESTONE II ANTIFREZZE -- 6850-01-252-8501

===== Product Identification =====

Product ID:PRESTONE II ANTIFREZZE

MSDS Date:08/14/1997

FSC:6850

NIIN:01-252-8501

MSDS Number: BSVQZ

=== Responsible Party ===

Company Name:PRESTONE PRODUCTS CORPORATION

Address:39 OLD RIDGEBURY ROAD

City:DANBURY

State:CT

ZIP:06810-5109

Country:US

Info Phone Num:203-830-7800

Emergency Phone Num:203-830-7800/800-424-9300(CHEMTREC)

Preparer's Name:JAMES

L OTTOWITZ

CAGE:EO340

=== Contractor Identification ===

Company Name:PRESTONE PRODUCTS CORP

Address:39 OLD RIDGEBURY RD

Box:City:DANBURY

State:CT

ZIP:06810-5109

Country:US

Phone:203-731-3686/830-7865

CAGE:0CXZ7

Company Name:PRESTONE PRODUCTS CORPORATION

Address:55 FEDERAL ROAD

City:DANBURY

State:CT

ZIP:06810

Country:US

Phone:203-830-7865

CAGE:EO340

Company Name:SILVER SALES

Address:5115 DOUGLAS FIR RD SUITE C

Box:City:CALABASES

State:CA

ZIP:91302

Country:US

Phone:818-591-0788 WAS IN TX

CAGE:0W

==== Composition/Information on Ingredients =====

Ingred Name:ETHYLENE GLYCOL (SARA III)

CAS:107-21-1

RTECS #:KW2975000

Fraction by Wt: 80-95%

Other REC Limits:NONE SPECIFIED

OSHA PEL:C 50 PPM

ACGIH TLV:C 50 PPM,VAPOR; 9192

EPA Rpt Qty:1 LB

DOT Rpt Qty:1 LB

Ingred Name:DIETHYLENE GLYCOL

CAS:111-46-6

RTECS #:ID5950000

Fraction by Wt: 0-8%

Other REC Limits:NONE SPECIFIED

Ingred Name:WATER

CAS:7732-18-5

RTECS #:ZC0110000

Fraction by Wt: 1-5%

Other REC Limits:NONE SPECIFIED

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Ingred Name:NON-HAZARDOUS MATERIALS

Fraction by Wt: 1%

Other REC Limits:NONE RECOMMENDED

==== Hazards Identification =====

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

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

Health Hazards Acute and Chronic:EYE & UPPER RESPIRATORY IRRITANT. MAY CAUSE DEATH IF INGESTED/INHALED. SKIN CONTACT MAY CAUSE DERMATITIS/SENSITIZATION. INHALATION: MAY CAUSE IRRITATION OF THE NOSE & THROAT. EYES: MAY

CAUSE CONJUNCTIVITIS. INGESTION: MAY CAUSE

CNS EFFECTS, PULMONARY EDEMA, SEVERE KIDNEY DAMAGE & WHICH MAY BE FATAL.

Explanation of Carcinogenicity:NONE

Effects of Overexposure:IRRITATION, NAUSEA, VOMITING, HEADACHE, DROWSINESS, BLURRED VISION, CONVULSIONS, COMA, DISCOMFORT, REDNESS, PAIN, MALAISE, DECREASE IN URINE OUTPUT, KIDNEY FAILURE, IRREGULAR EYE MOVEMENTS, CARDIAC FAILURE, WEAKNESS OF THE FACIAL MUSCLES, DIMINISHING HEARING & DIFFICULTY SWALLOWING.

Medical Cond Ag

gravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

===== First Aid Measures =====

First Aid:INHALATION: REMOVE TO FRESH AIR. IF BREATHING HAS STOPPED, GIVE CPR. IF BREATHING IS DIFFICULT GIVE OXYGEN. SKIN: REMOVE CONTAMINATED CLOTHING. WASH THOROUGHLY SOAP & WATER. EYES: FLUSH W/LARGE AMOUNT S OF WATER. INGESTION: NEVER GIVE ANYTHING BY MOUTH TO/ INDUCE VOMITING TO AN UNCONSCIOUS/DROWSY PERSON. OBTAIN MEDICAL ATTENTION IN ALL CASES.

===== Fire Fighting Measures =====

Flash Point Method:PMCC

Flash Point:220

Lower Limits:3.2

Upper Limits:15.3

Extinguishing Media:LARGE: USE ALCOHOL TYPE/ALL PURPOSE FOAMS. SMALL: USE WATER SPRAY, CARBON DIOXIDE AND DRY CHEMICAL.

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

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

===== Accidental Release Measures =====

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

===== Handling and Storage =====

Handling and Storage Precautions:DON'T DRINK ANTIFREEZE/SOLUTION. AVOID EYE & REPEATED SKIN CONTACT.

AVOID BREATHING VAPOR/MISTS. DON'T STORE IN OPENED/ UNLABELED CONTAINERS.

Other Precautions:KEEP AWAY FROM OPEN FLAMES/EXCESSIVE HEAT. DON'T REUSE EMPTY CONTAINERS UNLESS PROPERLY CLEANED.

===== Exposure Controls/Personal Protection =====

Respiratory Protection:IF TLV IS EXCEEDED, USE NIOSH APPROVED RESPIRATOR W/ORGANIC VAPOR CARTRIDES & DUST/MIST PREFILTERS/SUPPLIED AIR RESPIRATOR.

Ventilation:USE GENERAL/LOCAL EXHAUST AS REQUIRED TO MAINTAIN EXPOSURE BEL

OW TLV.

Protective Gloves:CHEMICAL RESISTANT: NEOPRENE/PVC

Eye Protection:SPLASH-PROOF GOGGLES

Other Protective Equipment:APPROPRIATE PROTECTIVE CLOTHING.

Work Hygienic Practices:REMOVE/LAUNDER CONTAMINATED CLOTHING BEFORE REUSE.

Supplemental Safety and Health

ORAL LD50 INFORMATION IS FOR ETHYLENE GLYCOL.NOTE TO PHYSICIAN: RAPIDLY ACHIEVE & MAINTAIN BLOOD ETHANOL LEVEL OF 100MG BY MAINTENANCE DOSE.

===== Physical/Chemical Properties =====

HCC:N1

Boiling

Pt:B.P. Text:334F,168C

Melt/Freeze Pt:M.P/F.P Text:-8F,-22C

Decomp Temp:Decomp Text:NONE SPECI.

Vapor Pres: