

PRESTONE PRODUCTS CORP -- PRESTONE ANTIFREEZE/COOLANT -- 6850-01-252-8501

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Product Identification  
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Product ID:PRESTONE ANTIFREEZE/COOLANT

MSDS Date:09/25/1995

FSC:6850

NIIN:01-252-8501

MSDS Number: CJLTK

=== Responsible Party ===

Company Name:PRESTONE PRODUCTS CORP

Address:39 OLD RIDGEBURRY RD

City:DANBURY

State:CT

ZIP:06513-5109

Country:US

Info Phone Num:203-830-7800/7865

Emergency Pho

ne Num:203-830-7800

Resp. Party Other MSDS Num.:MSDSP149

Preparer's Name:JAMES L OTTOWITZ

CAGE:0CXZ7

=== Contractor Identification ===

Company Name:EMULTEC INDUSTRIAL PRODUCTS INC

Address:1150 HAYDEN DR SUITE 100

Box:City:CHARROLLTON

State:TX

ZIP:75006

Country:US

Phone:972-417-1288

Contract Num:SP0450-99-M-ND79

CAGE:0WA27

Company Name:INDUSTRIAL CHEMICAL COMMODITIES INC

Address:15944 DERWOOD RD

Box:City:ROCKVILLE

State:MD

ZIP:20855

Country:US

Phone:800-284-5279

Contract Num:SP0450-00-M-D790

CAGE

:1ELU0  
Company Name:INDUSTRIAL CHEMICAL COMMODITIES INC  
Address:15944 DERWOOD RD  
Box:City:ROCKVILLE  
State:MD  
ZIP:20855  
Country:US  
Phone:800-284-5279  
Contract Num:SP0450-99-M-NH10  
CAGE:1ELU0

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

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Composition/Information on Ingredients  
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Ingred Name:ETHYLENE GLYCOL (SARA III)  
CAS:107-21-1  
RTECS #:KW2975000  
Minumum % Wt:8  
0.  
Maxumum % Wt:95.  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:C 50 PPM  
ACGIH TLV:C 50 PPM  
EPA Rpt Qty:1 LB  
DOT Rpt Qty:1 LB

Ingred Name:DIETHYLENE GLYCOL  
CAS:111-46-6  
RTECS #:ID5950000  
Minumum % Wt:0.  
Maxumum % Wt:8.  
Other REC Limits:NONE SPECIFIED

Ingred Name:WATER  
CAS:7732-18-5  
RTECS #:ZC0110000  
Minumum % Wt:1.  
Maxumum % Wt:5.  
Other REC Limits:NONE SPECIFIED

Ingred Name:NON-HAZARDOUS INGREDIENTS  
&gt; Wt:1.

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Hazards Identification  
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LD50 LC50 Mix

ture:NONE SPECIFIED BY MANUFACTURER

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

Health Hazards Acute and Chronic:TARGET ORGANS: EYES, SKIN, RESPIRATORY SYSTEM, CNS (HMIS). SWALLOWING: MAY CAUSE ABDOMINAL DISCOMFORT/PAIN, CNS EFFECTS. CARDIAC FAILURE, PULMONARY EDEMA, SEVERE KIDNEY AND LIVER DAMAGE MAY ALSO OCCUR . MAY BE FATAL. SKIN ABSORPTION: NO EVIDENCE OF ADVERSE EFFECTS. INHALATION: MAY CAUSE IRRITATION OF NOSE AND THROAT. SKIN CONTACT: NO EVIDENCE OF ADVERSE

EFFECTS . EYE CONTACT: LIQUID, VAPOR AND MIST MAY CAUSE DISCOMFORT IN THE EYE WITH PERSISTENT CONJUNCTIVITIS. CHRONIC: INHALATION OF MIST MAY PRODUCE SIGNS OF CENTRAL NERVOUS SYSTEM INVOLVEMENT. SKIN CONTACT MAY CAUSE SKIN SENSITIZATION AND AN ASSOCIATED DERMATITIS IN SOME INDIVIDUALS

Explanation of Carcinogenicity:CONTAINS LESS THAN 0.5% TOLYLTRIAZOLE WHICH HAS NOT BEEN IDENTIFIED AS A CARCINOGEN OR PROBABLE CARCINOGEN BY NTP, IARC OR OSHA.

Effects of Overexposure:IR

RITATION, NAUSEA, VOMITING, HEADACHE, DROWSINESS, BLURRED VISION, CONVULSIONS, COMA, DISCOMFORT, REDNESS, PAIN, MELAISE, DECREASE IN URINE OUTPUT, KIDNEY FAILURE, IRREGULAR EYE MOVEMENTS, CARDIAC FAILURE, WEAKNESS OF THE FACIAL MUSCLES, DIMINISHED HEARING, DIFFICULTY SWALLOWING, DIZZINESS

Medical Cond Aggravated by Exposure:MAY AGGRAVATE EXISTING KIDNEY DISEASE.

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

First Aid:SWALLOWING: CALL A PHYSICIAN, EMERGENCY ROOM OR POISON

CONTROL CENTER. IF MEDICAL ADVISE IS NOT AVAILABLE AND IF VICTIM IS CONSCIOUS, IMMEDIATELY INDUCE VOMITING. SKIN: IMMEDIATELY WASH ALL AFFECTED AND EXPOSED AREAS WITH SOAP AND PLENTY OF WATER. IF IRRITATION/REDNESS DEVELOPS AND PERSISTS, SEEK MEDICAL ATTENTION. INHALATION: REMOVE TO FRESH AIR. IF BREATHING BECOMES DIFFICULT, ADMINISTER OXYGEN. ADMINISTER ARTIFICIAL RESPIRATION IF BREATHING HAS STOPPED. SEEK IMMEDIATE MEDICAL ATTENTION. EYES: IMMEDIATELY

FLUSH WITH WATER; REMOVE CONTACT LENSES AND CONTINUE FLUSHING FOR 15 MINUTES. IF IRRITATION, OR PAIN DEVELOPS, GET MEDICAL HELP

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

Flash Point Method:PMCC

Flash Point:104.4C, 220.F

Autoignition Temp:Autoignition Temp Text:N/D

Lower Limits:3.2

Upper Limits:15.3

Extinguishing Media:APPLY ALCOHOL TYPE OR ALL-PURPOSE TYPE FOAMS BY MANUFACTURERS'.RECOMMENDED TECHNIQUES FOR LARGE FIRES. USE WATER SPRAY, CARB

ON DIOXIDE OR DRY CHEMICAL MEDIA FOR SMALL FIRES.

Fire Fighting Procedures:DO NOT SPRAY POOL FIRES DIRECTLY. A SOLID STREAM OF WATER OR FOAM DIRECTED INTO HOT, BURNING LIQUID CAN CAUSE FROTHING. USE SELF-CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING.

Unusual Fire/Explosion Hazard:NONE.

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

Spill Release Procedures:WEAR SUITABLE PROTECTIVE EQUIPMENT. SMALL SPILLS SHOULD BE FLUSHED WITH LARGE QUANTITIES OF WATER. LARGER SPILLS SHOULD BE COLLECTED FOR DISPOSAL.

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

Handling and Storage Precautions:DO NOT STORE IN OPENED OR UNLABELED CONTAINERS. KEEP CONTAINERS AWAY FROM OPEN FLAMES AND EXCESSIVE HEAT.

Other Precautions:DO NOT DRINK ANTIFREEZE OR SOLUTION. AVOID BREATHING VAPORS OR MISTS. WASH EXPOSED SKIN THOROUGHLY WITH SOAP AND WATER AFTER USE. DO NOT CUT OR WELD ON OR NEAR CONTAINER, EVEN EMPTY. DO NOT REUSE EMPTY CONTAINERS UNLESS PROPERLY CLEANED.

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

Respiratory Protection:WHERE THE TLV MAY BE EXCEEDED, A NIOSH/MSHA APPROVED RESPIRATOR WITH AN ORGANIC VAPOR CARTRIDGE & A DUST/MIST PRE-FILTER OR A SUPPLIED AIR RESPIRATOR IS RECOMMENDED. EQUIPMENT SELECTION DEPENDS ON CONTAMINANT TYPE AND CONCENTRATION, SELECT IN ACCORDANCE WITH 29CFR 1910.134 & GOOD INDUSTRIAL HYGIENE PRACTICE. FOR FIRE, USE SELF CONTAINED BREATHING APPARATUS.

Ventilation:GENERAL VENTILATION SHOULD BE ADEQUATE FOR NORMAL USE. WHERE THE MATERIAL IS HEATED OR MISTED, LOCAL EXHAUST MAY BE NEEDED.

Protective Gloves:CHEMICAL RESISTANT: NEOPRENE/PVC COATED, GLOVES RECOMMENDED

Eye Protection:SPLASH-PROOF GOGGLES RECOMMENDED.

Other Protective Equipment:PROTECTIVE CLOTHING IF NEEDED TO AVOID PROLONGED/REPEATED SKIN CONTACT. SUITABLE WASHING AND EYE FLUSHING FACILITIES SHOULD BE AVAILABLE IN THE WORK AREA.

Work Hygienic Pra

ctices:CONTAMINATED CLOTHING SHOULD BE REMOVED AND  
LAUNDERED BEFORE RE-USE.

Supplemental Safety and Health  
NONE SPECIFIED BY MANUFACTURER.

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

HCC:V5

Boiling Pt:=167.8C, 334.F

Melt/Freeze Pt:=-22.2C, -8.F

Vapor Pres: