

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

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

Product ID:PRESTONE ANTIFREEZE/COOLANT

MSDS Date:10/18/1999

FSC:6850

NIIN:01-252-8501

MSDS Number: CKDDC

=== 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:(800)424-9300

Resp. Party Other MSDS Num.:MSDSP149

Preparer's Name:NOT PROVIDED.

Chemtrec Ind/Phone:(800)424-9300

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:SP0450-00-M-D704

CAGE:0WA27

Company Name:GOURMET INQUE LTD

Address:191 STANLEY ST

Box:City:ELK GROVE VILLAGE

State:IL

ZIP:60007-1555

Country:US

Phone:847-296-6192/FAX: 800-5

42-1042

Contract Num:SP0450-00-M-SC95

CAGE:0TNN7

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-SF15

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

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

Ingred Name:ETHYLENE GLYCOL (SARA III)

CAS

:107-21-1

RTECS #:KW2975000

Minumum % Wt:80.

Maxumum % Wt:96.

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

Fraction by Wt: UNKNOWN.

Other REC Limits:NONE SPECIFIED

Ingred Name:NON-HAZARDOUS INGREDIENTS

&gt; Wt:1.

=====  
===== Hazards Identification =

=====

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

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

Health Hazards Acute and Chronic:INHALATION: MAY CAUSE IRRITATION OF NOSE AND THROAT. HIGH VAPOR CONCENTRATIONS MAY PRODUCE NAUSEA, VOMITING, HEADACHE, DIZZINESS AND IRREGULAR EYE MOVEMENTS. SKIN CONTACT: NO EVIDENCE OF ADVERSE EFFECTS. EYE CONTACT: LIQUID, VAPOR OR MIST MAY CAUSE DISCOMFORT IN THE EYE WITH PERSISTENT CONJUNCTIVITIS. INGESTION: MAY CAUSE A

ABDOMINAL DISCOMFORT/PAIN, A

BITTER TASTE, NAUSEA, VOMITING, DIZZINESS, DROWSINESS, MALAISE, BLURRING VISION, BACK PAIN, KIDNEY FAILURE. CARDIAC FAILURE, PULMONARY EDEMA, SEVERE KIDNEY AND LIVER DAMAGE MAY ALSO OCCUR. MAY BE FATAL. CHRONIC: CENTRAL NERVOUS SYSTEM INVOLVEMENT, SKIN SENSITIZATION, DERMATITIS.

Explanation of Carcinogenicity:NONE OF THE COMPONENTS IN THESE PRODUCTS IS LISTED AS A CARCINOGEN OR SUSPECTED CARCINOGEN BY IARC, NTP OR OSHA.

Effects of Overexposure:

INHALATION: HIGH VAPOR CONCENTRATIONS MAY

PRODUCE NAUSEA, VOMITING, HEADACHE DIZZINESS AND IRREGULAR EYE MOVEMENTS. INGESTED: ABDOMINAL DISCOMFORT/PAIN, A BITTER TASTE, NAUSEA, VOMITING, DIZZINESS, DROWSINESS, MALAISE, BLURRING VISION, BACK PAIN. EYE CONTACT: REDNESS, CONJUNCTIVA, DISCOMFORT.

Medical Condition Aggravated by Exposure:THE AVAILABLE TOXICOLOGICAL INFORMATION AND A KNOWLEDGE OF THE PHYSICAL AND CHEMICAL PROPERTIES OF THE MATERIAL SUGGEST THAT OVEREXPOSURE

IS UNLIKELY TO AGGRAVATE

EXISTING MEDICAL CONDITIONS.

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

First Aid:INHALATION: REMOVE VICTIM TO FRESH AIR. IF BREATHING HAS STOPPED, ADMINISTER ARTIFICIAL RESPIRATION. IF BREATHING IS DIFFICULT, HAVE MEDICAL PERSONNEL ADMINISTER OXYGEN. GET MEDICAL ATTENTION. SKIN: IMMEDIATELY WASH CONTACTED AREA THOROUGHLY WITH SOAP AND WATER. IF IRRITATION PERSISTS, GET MEDICAL ATTENTION. EYES: IMMEDIATELY FLUSH WITH L

LARGE AMOUNT OF WATER FOR 15 MINUTES.

GET MEDICAL ATTENTION IF IRRITATION PERSISTS. INGESTION: SEEK IMMEDIATE MEDICAL ATTENTION. CALL POISON CONTROL CENTER. NEVER GIVE ANYTHING BY MOUTH TO OR INDUCE VOMITING IN AN UNCONSCIOUS OR DROWSY PERSON.

===== 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:FOR LARGE FIRES, U

SE ALCOHOL TYPE OR ALL-PURPOSE

FOAMS. FOR SMALL FIRES, USE WATER SPRAY, CARBON DIOXIDE OR DRY CHEMICAL.

Fire Fighting Procedures:DO NOT SPRAY POOL FIRES DIRECTLY. COOL FIRE EXPOSED CONTAINERS WITH WATER. FIREFIGHTERS SHOULD WEAR POSITIVE PRESSURE SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE CLOTHING FOR FIRES IN AREAS WHERE CHEMICALS ARE USED OR STORED.

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 AND EQUIPMENT. COLLECT WITH ABSORBENT MATERIAL AND PLACE IN APPROPRIATE, LABELED CONTAINER FOR DISPOSAL OR, IF PERMITTED FLUSH SPILL AREA WITH WATER.

Neutralizing Agent:NO DATA PROVIDED BY RESPONSIBLE PARTY.

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

Handling and Storage Precautions:DO NOT STORE IN OPENED OR UNLABELED

CONTAINERS. KEEP CONTAINERS AWAY FROM OPEN FLAMES AND EXCESSIVE HEAT. DO NOT REUSE EMPTY CONTAINERS UNLESS PROPERLY CLEANED. USE OF THIS PRODUCT IN ELEVATED TEMPERATURE APPLICATIONS SHOULD BE THOROUGHLY EVALUATED TO ASSURE SAFE OPERATIONS.

Other Precautions:DO NOT DRINK ANTIFREEZE OR SOLUTION. AVOID EYE AND PROLONGED OR REPEATED SKIN CONTACT. AVOID BREATHING VAPORS OR MISTS. WASH EXPOSED SKIN THOROUGHLY WITH SOAP AND WATER AFTER USE. EMPTY CONTAINERS RETAIN PRODUCT RESIDUES AND MAY BE DANGEROUS. DO NOT CUT, WELD, DRILL, ETC. CONTAINERS, EVEN EMPTY.

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

Respiratory Protection:IF THE TLV IS EXCEEDED A NIOSH APPROVED RESPIRATOR WITH ORGANIC VAPOR CARTRIDGE AND DUST/MIST PREFILTERS OR SUPPLIED AIR RESPIRATOR IS RECOMMENDED. EQUIPMENT SELECTION DEPENDS ON CONTAMINANT TYPE AND CONCENTRATION. SELECT AND USE IN ACCORDANCE WITH 29 CFR 1910.134 AND GOOD INDUSTRIAL HYGIENE PRACTICES

CE. FOR FIREFIGHTING, USE SELF-CONTAINED BREATHING APPARATUS.  
Ventilation:USE GENERAL VENTILATION OR LOCAL EXHAUST AS REQUIRED TO  
MAINTAIN EXPOSURES BELOW THE OCCUPATIONAL EXPOSURE LIMITS.  
Protective Gloves:CHEMICAL RESISTANT GLOVES SUCH AS NEOPRENE OR PVC  
WHERE CONTACT IS POSSIBLE.  
Eye Protection:SPLASH-PROOF GOGGLES.  
Other Protective Equipment:APPROPRIATE PROTECTIVE CLOTHING AS NEEDED TO  
MINIMIZE SKIN CONTACT. SUITABLE WASHING AND EYE FLUSHING FACILITIES  
SHOULD BE AVAILABLE IN  
THE WORK AREA.  
Work Hygienic Practices:CONTAMINATED CLOTHING SHOULD BE REMOVED AND  
LAUNDERED BEFORE RE-USE.  
Supplemental Safety and Health  
P/N FOR ICCI: PRESTONE ADVANCED FORMULA. PART NUMBER OF PRESTONE:  
AF777.

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

HCC:V5  
Boiling Pt:=167.8C, 334.F  
Melt/Freeze Pt:=-22.2C, -8.F  
Vapor Pres:10 ,000 MG/L.

===== Disposal Considerations =====

Waste Disposal Methods:DISPOSE OF PRODUCT IN ACCORDA  
NCE WITH ALL LOCAL,  
STATE/PROVINCIAL AND FEDERAL REGULATIONS.

===== MSDS Transport Information =====

Transport Information:DOT HAZARD CLASSIFICATION: NONE. IMDG: NOT  
REGULATED. NOTE IF BULK SHIPMENT IS INVOLVED, THE FOLLOWING  
INFORMATION APPLIES: US DOT PROPER SHIPPING NAME: ENVIRONMENTALLY  
HAZARDOUS SUBSTANCE, LIQUID, N. O.S. (ETHYLENE GLYCOL), 9, UN3082.

===== Regulatory Information =====

SARA Title III Informa  
tion:EPA SARA 311/312: HAZARD CLASSIFICATION:  
ACUTE HEALTH AND CHRONIC HEALTH. EPA SARA 313: THIS PRODUCT  
CONTAINS THE FOLLOWING CHEMICALS SUBJECT TO ANNUAL RELEASE  
REPORTING REQUIREMENTS UNDER SARA TITLE III, SECTION 313 (40 CFR  
372): ETHYLENE GLYCOL, CAS# 107-21-1, 80-96%. CERCLA SECTION 103:  
SPILLS OF THIS PRODUCT OVER THE RQ (REPORTABLE QUANTITY) MUST BE  
REPORTED TO THE NATIONAL RESPONSE CENTER. TH E RQ FOR THIS PRODUCT,  
BASED ON THE RQ FOR ETHYLENE GLYCOL (96% M

AXIMUM) OF 5,000 LBS, IS

5,208 LBS. MANY STATES HAVE MORE STRINGENT RELEASE REPORTING REQUIREMENTS. REPORT SPILLS REQUIRED UNDER FEDERAL, STATE, AND LOCAL REGULATIONS.

Federal Regulatory Information: EPA TSCA INVENTORY: ALL OF THE COMPONENTS OF THIS MATERIAL ARE LISTED ON THE TOXIC SUBSTANCE CONTROL ACT (TSCA) CHEMICAL SUBSTANCES INVENTORY.

State Regulatory Information: CALIFORNIA PROPOSITION 65: THIS PRODUCT MAY CONTAIN THE FOLLOWING SUBSTANCES KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER AND/OR REPRODUCTIVE HARM: 1,4-DIOXANE (TRACE AMOUNT).

ALIFORNIA TO CAUSE CANCER AND/OR REPRODUCTIVE HARM: 1,4-DIOXANE (TRACE AMOUNT).

===== Other Information =====

Disclaimer (provided with this information by the compiling agencies): This information is formulated for use by elements of the Department of Defense. The United States of America in no manner whatsoever, expressly or implied, warrants this information to be accurate and disclaims all liability for its use. Any person utilizing this document should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation.