

FIRST BRANDS CORP -- PRESTONE ADVANCED FORMULA ANTIFREEZE/COOLAN --  
6850-01-252-8501

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

Product ID:PRESTONE ADVANCED FORMULA ANTIFREEZE/COOLAN

MSDS Date:03/13/1990

FSC:6850

NIIN:01-252-8501

MSDS Number: BLZJB

=== Responsible Party ===

Company Name:FIRST BRANDS CORP

Address:83 WOODSTER HEIGHTS RD BLDG 301

Box:1911

City:DANBURY

State:CT

ZIP:06813-1911

Country:US

Info

Phone Num:203-731-2300

Emergency Phone Num:800-424-9300(CHEMTREC)

Preparer's Name:R.L. LEWIS 203-728-6181

CAGE:DO273

=== Contractor Identification ===

Company Name:FIRST BRANDS CORP (PHONE:203-728-6194)

Address:88 LONG HILL ST

City:EAST HARTFORD

State:CT

ZIP:06108

Phone:203-731-2300, CHEMTREC 800-424-9300

CAGE:DO273

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

===== Compositio

n/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

===== Haza

rds Identification =====

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

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

Health Hazards Acute and Chronic:ACUTE-INGEST:ABDOMINAL DISCOMFORT OR PAIN, NAUSEA, CENTRAL NERVOUS SYSTEM DEPRESSION. SEVERE KIDNEY AND LIVER DAMAGE FROM LARGE AMOUNTS; MAY BE FATAL.

INHALATION:IRRITATION OF THE NOSE AND THROAT. EYE :DISCOMFORT WITH PERSISTENT CONJUNCTIVITIS. CHRONIC-SKIN SENSITIZATION AND DERMATITIS.

Explana

tion of Carcinogenicity:NONE OF THE COMPOUNDS IN THIS PRODUCT IS LISTED BY IARC, NTP, OR OSHA AS A CARCINOGEN.

Effects of Overexposure:MAY CAUSE DIZZINESS, MALAISE, LUMBAR PAIN, UREMIA, AND CENTRAL NERVOUS SYSTEM DEPRESSION. MAY CAUSE EYE, SKIN & RESPIRATORY TRACT IRRITATION.

Medical Cond Aggravated by Exposure:THE KNOWLEDGE OF THE PHYSICAL & CHEMICAL PROPERTIES OF THE MATERIAL SUGGEST THAT OVEREXPOSURE IS UNLIKELY TO AGGRAVATE EXISTING MEDICAL CONDITIONS.

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

First Aid:INHALE: REMOVE TO FRESH AIR. CALL A PHYSICIAN IF DISCOMFORT PERSISTS. EYE:IMMEDIATELY FLUSH WITH PLENTY OF WATER FOR 15 MINUTES. CALL A PHYSICIAN. SKIN:WASH WITH SOAP & WATER. REMOVE CONTAMINATED CLOTHING/SHOES. INGESTION: IF CONSCIOUS, GIVE 2 GLASSES OF WATER TO DRINK AND INDUCE VOMITING. GIVE NOTHING BY MOUTH IF UNCONSCIOUS. CALL A PHYSICIAN IMMEDIATELY.

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

Flash Point Method:CC  
Flash Point:220F,104C  
Lower Limits:3.2  
Upper Limits:15.3%  
Extinguishing Media:LARGE FIRES-ALCOHOL TYPE OR ALL-PURPOSE TYPE FOAM. SMALL FIRES- WATER SPRAY, CARBON DIOXIDE, OR DRY CHEMICAL.  
Fire Fighting Procedures:USE PROTECTIVE CLOTHING & SELF CONTAINED BREATHING APPARATUS. A SOLID STREAM OF WATER OR FOAM INTO HOT LIQUID CAN CAUSE FROTHING. DON'T SPRAY POOL FIRE DIRECTLY  
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. LARGE SPILLS SHOULD BE COLLECTED FOR DISPOSAL.

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

Handling and Storage Precautions:DO NOT STORE IN OPEN OR UNLABELED CONTAINERS. KEEP CONTAINER AWAY FROM OPEN FLAMES & EXCESSIVE HEAT. DO NOT CUT OR WELD ON OR NEAR EMPTY CONTAINER.  
Other Precautions:DO NOT TAKE INTERNALLY. DO NOT BREATHE MIST. DO NOT USE EMPTY CONTAINER UNLESS PROPERLY CLEANED. WASH THOROUGHLY AFTER HANDLING. FOR INDUSTRIAL USE ONLY.

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

Respiratory Protection:IF VENTILATION DOES NOT MAINTAIN INHALATION EXPOSURES BELOW PEL(TLV), USE NIOSH APPROVED ORGANIC VAPOR CARTRIDGE AND DUST/MIST PRE-FILTER RESPIRATORS AS PER CURRENT 29 CFR 1910.134, INSTRUCTIONS/WARNINGS AND NIOSH-RESPIRATOR SELECTION.

Ventilation

:GENERAL VENTILATION IS ADEQUATE FOR NORMAL USE. IF MATERIAL IS HEATED USE LOCAL EXHAUST.

Protective Gloves:NEOPRENE, NITRILE, PVC OR NATURAL RUBBER

Eye Protection:SPLASH PROOF GOGGLES

Other Protective Equipment:PROTECTIVE CLOTHING IF NEEDED TO AVOID SKIN CONTACT. EYE WASH STATION AND SAFETY SHOWER.

Work Hygienic Practices:OBSERVE GOOD PERSONAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES. LAUNDRY CONTAMINATED CLOTHING BEFORE REUSE.

Supplemental Safety and Health

DO NOT TAKE INTERNAL

LY. DO NOT GET ON SKIN OR IN EYES. AVOID PROLONGED

OR REPEATED BREATHING OF VAPOR. DO NOT BREATHE MISTS. WASH

THOROUGHLY AFTER HANDLING AND BEFORE EATING OR DRINKING OR SMOKING

OR USING REST ROOM.

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

HCC:N1

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

Vapor Pres: