

PRESTONE PRODUCTS CORPORATION -- BE SERIES AUTOMOTIVE REINHIBITOR 2 --  
6850-01-387-1095

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

Product ID:BE SERIES AUTOMOTIVE REINHIBITOR 2

MSDS Date:06/10/1996

FSC:6850

NIIN:01-387-1095

Status Code:A

Kit Part:Y

MSDS Number: CJKVY

=== Responsible Party ===

Company Name:PRESTONE PRODUCTS CORPORATION

Address:39 OLD RIDGEBURY ROAD

City:DANBURY

State:CT

ZIP:06810-5109

Cou

ntry:US

Info Phone Num:203-830-7800

Emergency Phone Num:203-830-7800/7865

Resp. Party Other MSDS Num.:MSDSP144

Preparer's Name:JAMES L. OTTOWITZ

Chemtec Ind/Phone:(800)424-9300

CAGE:EO340

=== Contractor Identification ===

Company Name:FINISH THOMPSON INC

Address:921 GREENGARDEN RD

Box:City:ERIE

State:PA

ZIP:16501-1591

Country:US

Phone:814-455-4478/800-942-5969

Contract Num:SP0450-99-M-C135

CAGE:30255

Company Name:PRESTONE PRODUCTS CORPORATION

Address:55 FEDERAL ROAD

City:DANBURY

State:CT

ZIP:06

810  
Country:US  
Phone:203-830-7865  
CAGE:EO340

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Composition/Information on Ingredients  
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Ingred Name:ETHYLENE GLYCOL  
CAS:107-21-1  
RTECS #:KW2975000  
Minumum % Wt:40.  
Maxumum % Wt:50.  
ACGIH STEL:C127 MG/M3;C50 PPM  
EPA Rpt Qty:1 LB  
DOT Rpt Qty:1 LB

Ingred Name:SODIUM BORATE  
CAS:1303-96-4  
RTECS #:VZ2275000  
Minumum % Wt:3.  
Maxumum % Wt:7.  
ACGIH TLV:5 MG/M3

Ingred Name:SODIUM NITRATE  
CAS:7631-99-4  
RTECS #:WC5600000  
Minumum % Wt:3.  
Maxumum % Wt:7.

Ingred Name:SODIUM MOLYBD  
ATE  
CAS:7631-95-0  
RTECS #:QA5075000  
Minumum % Wt:3.  
Maxumum % Wt:7.

Ingred Name:SODIUM PHOSPHATE (NA(H2PO4))  
CAS:7558-80-7  
RTECS #:WA1900000  
Minumum % Wt:3.  
Maxumum % Wt:7.

Ingred Name:WATER  
CAS:7732-18-5  
RTECS #:ZC0110000  
Minumum % Wt:30.  
Maxumum % Wt:50.

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Hazards Identification  
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Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES  
Health Hazards Acute and Chronic:SWALLOWING-CARDIAC FAILURE AND  
PULMONARY EDEMA MAY DEVELOP. SEVERE KIDNEY DA

MAGE FOLLOWS THE

SWALLOWING OF LARGE VOLUMES OF ETHYLENE GYLCOL. MAY BE FATAL. INHALATION-MAY CAUSE IRRITATION OF THE NOSE & THROAT WITH HEADACHE, PARTICULARLY FROM MISTS. SKIN-NO EVIDENCE OF ADVERSE EFFECTS FROM AVAILABLE INFORMATION. EYE-LIQUID, VAPOR AND MIST MAY CAUSE DISCOMFORT IN THE EYE WITH PERSISTENT CONJUNCTIVITI S, SEEN AS SLIGHT EXCESS REDNESS OR CONJUNCTIVITIS.

Effects of Overexposure:SWALLOWING MAY CAUSE ABDOMINAL DISCOMFORT OR PAIN, NAUSEA, VOMITING, D

IZZINESS, DROWSINESS, MALIASE, BLURRING OF VISION, IRRITABILITY, LUMBER PAIN, OLIGURIS, AND CENTRAL NERVOUS SYSTEM EFFECTS, INCLUD ING IRREGULAR EYE MEVEMENT, CONVULSION AND COMA. INHALATION OF MIST MAY PRODUCE SIGNS OF CENTRAL NERVOUS SYSTEM INVOLVEMENT, PARTICULARLY DIZZINESS AND NYSTAGMUS. URIC ACID METABOLISM MAY BE INHIBITED RESULTING IN ELEVATED URIC ACID LEVELS.

Medical Cond Aggravated by Exposure:MAY AGGRAVATE KIDNEY DISEASE, ANEMIA AND GOUT.

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

First Aid:SWALLOWING-GIVE TWO GLASSES OF WATER & INDUCE VOMITING IMMEDIATELY. GET MEDICAL HELP URGENTLY BY CALLING A PHYSICIAN, EMERGENCY ROOM/ POISON CONTROL CENTER. SKIN-REMOVE CONTAMINATED CLOTHES. IMMEDIATE LY WASH ALL AFFECTED AND EXPOSED AREAS WITH SOAP & COPIOUS AMOUNTS OF WATER. IF IRRITATION OR REDNESS DEVELOPS & PERSISTS, SEEK MEDICAL ATTENTION. INHALATION-IF SYMPTOMS DEVELOP, REMOVE TO FRESH AIR. IF BREATH ING BECOMES DIFFICULT, ADMINISTER OXYGEN. ADMINISTER ARTIFICIAL RESPIRATION IF BREATHING HAS STOPPED, & SEEK IMMEDIATE MEDICAL ATTENTION. EYES-IMMEDIATELY FLUSH WITH COPIOUS AMOUNTS OF CLEAN WATER USING A STEADY STREAM FOR 15 MIN.

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

Flash Point Method:TOC

Flash Point:NO FLASH TO BOIL

Autoignition Temp:Autoignition Temp Text:N/D

Lower Limits:N/D

Upper Limits:N/D

Extinguishing Media:USE WATER FOG, FOAM, CARBON DIOXID

E, DRY CHEMICAL

Fire Fighting Procedures:USE POSITIVE PRESSURE SELF-CONTAINED BREATHING APPARATUS WHEN ENTERING A CONFINED SPACE.

Unusual Fire/Explosion Hazard:NONE

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

Spill Release Procedures:WEAR APPROPRIATE PROTECTIVE EQUIPMENT. COLLECT FOR DISPOSAL USING ABSORBENT MATERIAL, IE. VERMICULITE OR SIMILIAR MATERIAL.

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

Handling and Storage Precautions:KE

EP TIGHTLY CLOSED. DO NOT STORE IN

OPEN OR UNLABELED CONTAINERS. WASH EXPOSED SKIN THOROUGHLY WITH SOAP AND WATER AFTER USE. STORE IN A COOL, WELL VENTILATED AREA.

STORE AWAY FROM INCOMPATIBLE MATER IALS. DO NOT MIX THIS CHEMICAL DIRECTLY WITH ANY OTHER CHEMICAL. HAZARDOUS REACTION MAY OCCUR!

Other Precautions:PREVENT CONTACT WITH THE EYES, SKIN AND CLOTHING.

WEAR PROTECTIVE CLOTHING WHEN HANDLING. IMMEDIATELY REMOVE CONTAMINATED CLOTHING AND LAUNDRER BEFORE REUSE. DO NOT

BREATHE

VAPORS OR MISTS THAT MAY BE GENERATED IN USING THE CHEMICALS. USE ONLY WITH ADEQUATE VENTILATION.

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

Respiratory Protection:FOR OPERATIONS WHERE THE TLV MAY BE EXCEEDED, A NIOSH/MSHA APPROVED RESPIRATOR WITH AN ORGANIC VAPOR CARTRIDGE AND A DUST/MIST PRE-FILTER OR A SUPPLIED AIR RESPIRATOR IS RECOMMENDED. EQUIPMENT SELECTI ON DEPENDS ON CONTAINMENT TYPE AND CONCENTRATION, SELECT IN ACCORDANCE WITH

29 CFR 1910.134 & GOOD INDUSTRIAL HYGIENE PRACTICE.

Ventilation:GENERAL VENTILATION SHOULD BE ADEQUATE FOR NORMAL USE AT AMBIENT TEMPERATURES. FOR OPERATIONS WHERE THE MATERIAL IS HEATED OR MISTED AND THE TLV MAY BE EXCEEDED

Protective Gloves:NEOPRENE OR PVC COATED, GLOVES RECOMMENDED WHERE NEEDED.

Eye Protection:SPLASH-PROOF GOGGLES RECOMMENDED.

Other Protective Equipment:PROTECTIVE CLOTHING IF NEEDED TO AVOID PROLONGED/REPEATED SKIN CONTACT. SUITABLE WASHING AND EYE FLUSHI

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FACILITIES SHOULD BE AVAILABLE IN THE WORK AREA. CONTAMINATED CLOTHING SHOULD BE REMOVED/WASHED.

Work Hygienic Practices:WASH EXPOSED SKIN THOROUGHLY AFTER USE.

Supplemental Safety and Health

USE ONLY AS DIRECTED. EMPTY CONTAINERS RETAIN PRODUCT RESIDUES AND MAY BE DANGEROUS. FOLLOW ALL RECOMMENDED PRECAUTIONS IN HANDLING EMPTY CONTAINERS. WHEN EMPTY, IMMEDIATELY REPLACE CAP AND DISPOSE PROPERLY. DO NOT RESUE EMPTY CONTAINERS. DO NOT CUT ON OR WELD NEAR CONTAINERS, EVEN EMPTY.

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

HCC:N1

Boiling Pt:>103.9C, 219.F

Melt/Freeze Pt:=-15.C, 5.F

Vapor Pres: