

PRESTONE PRODUCTS CORP -- BE SERIES AUTOMOTIVE REINHIBITOR 1 -- 6850-01-387-1095

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Product Identification  
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Product ID:BE SERIES AUTOMOTIVE REINHIBITOR 1

MSDS Date:06/10/1996

FSC:6850

NIIN:01-387-1095

Kit Part:Y

MSDS Number: CJYBC

=== Responsible Party ===

Company Name:PRESTONE PRODUCTS CORP

Address:39 OLD RIDGEBURRY RD

City:DANBURY

State:CT

ZIP:06513-5109

Country:US

Info Phone Num:203-73

1-7800

Emergency Phone Num:203-830-7800

Resp. Party Other MSDS Num.:MSDSP143

Preparer's Name:JAMES L. OTTOWITZ

Chemtrec Ind/Phone:(800)424-9300

CAGE:0CXZ7

=== 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:SP0450-00-M-D364

CAGE:30255

Company Name:FINISH THOMPSON INC

Address:921 GREENGARDEN RD

Box:City:ERIE

State:PA

ZIP:16501-1591

Country:US

Phone:814-455-4478/8

00-942-5969  
Contract Num:SP0450-00-M-SB17  
CAGE:30255  
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:SP0450-01-M-D321  
CAGE:30255  
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: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-NB01  
CAGE:30255  
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 =====

Ingred Name:ETHYLENE GLYCOL (CONTAINS 0-8% DIETHYLENE GLYCOL, CAS#  
111-46-6 )  
CAS:107-21-1  
RTECS #:KW2975000  
Minumum % Wt:30.  
Maxumum % Wt:40.  
ACGIH STEL:C127 MG/M3;C50 PP

M  
EPA Rpt Qty:1 LB  
DOT Rpt Qty:1 LB

Ingred Name:SODIUM MERCAPTOBENZOTHIAZOLE  
CAS:2492-26-4  
Minumum % Wt:1.  
Maxumum % Wt:6.

Ingred Name:SODIUM BORATE  
CAS:1303-96-4  
RTECS #:VZ2275000  
Minumum % Wt:1.  
Maxumum % Wt:5.  
OSHA PEL:10 MG/M3  
ACGIH TLV:5 MG/M3

Ingred Name:SODIUM SILICATE  
CAS:1344-09-8  
Minumum % Wt:1.  
Maxumum % Wt:5.  
Other REC Limits:2 MG/M3 (MFR)

Ingred Name:SODIUM TOLYLTRIAZOLE  
CAS:64665-57-2  
Minumum % Wt:1.  
Maxumum % Wt:5.

Ingred Name:POTASSIUM HYDROXIDE  
CAS:1310-58-3  
RTECS #:TT21000  
00  
Minumum % Wt:9.  
Maxumum % Wt:11.  
OSHA PEL:C 2 MG/M3  
ACGIH TLV:C 2 MG/M3  
ACGIH STEL:C2 MG/M3  
EPA Rpt Qty:1000 LBS  
DOT Rpt Qty:1000 LBS

Ingred Name:WATER  
CAS:7732-18-5  
RTECS #:ZC0110000  
Minumum % Wt:30.  
Maxumum % Wt:60.

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

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:INGESTION: MAY

**RESULT IN SEVERE BURNS**

TO LIPS, TONGUE, ORAL MUCOSA, ESOPHAGUS AND POSSIBLE GASTROINTESTINAL HEMORRHAGE AND PERFORATION. CARDIAC FAILURE, PULMONARY EDEMA, LIVER INJURY MAY DEVELOP. SEVERE KIDNEY DAMAGE FROM SWALLOWING LARGE VOLUMES OF ETHYLENE GLYCOL. MAY BE FATAL. INHALATION: EXTREME LUNG IRRITATION FROM INHALATION OF MIST OR FUMES WITH POSSIBLE DAMAGE OR DESTRUCTION OF LUNG TISSUE RESULTING IN PNEUMONITIS OR PULMONARY EDEMA. SKIN: MAY CAUSE SEVERE IRRITATION,

CHEMICAL BURNS WITH TISSUE DESTRUCTION. EYES: CONTACT CAN CAUSE SEVERE IRRITATION AND/OR CHEMICAL BURNS WHICH MAY RESULT IN TISSUE DESTRUCTION AND BLINDNESS.

Explanation of Carcinogenicity:NONE OF THE INGREDIENTS IS LISTED AS A CARCINOGEN OR POTENTIAL CARCINOGEN BY IARC, NTP, OSHA.

Effects of Overexposure:INGESTION: DROOLING, DIFFICULTY SWALLOWING, BREATHING, SPEAKING, CHEST PAIN, ABDOMINAL DISCOMFORT, PAIN, NAUSEA, VOMITING, DIZZINESS, MALAISE, VISION BLURRING, IRRITATION,

IRRITATION, LUMBER PAIN, OLIGURIA, URINARY, CNS EFFECTS, IRREGULAR EYE MOVEMENTS, CONVULSIONS, COMA, DEATH. INHALATION: LUNG IRRITATION, HOARSENESS, DIFFICULT BREATHING, RESPIRATORY DISTRESS, NAUSEA, VOMITING, HEADACHE, DIZZINESS, IRREGULAR EYE MOVEMENT, CENTRAL NERVOUS SYSTEM INVOLVEMENT, NYSTAGMUS. SKIN: IRRITATION, CHEMICAL BURNS, TISSUE DESTRUCTION, SENSITIZATION, DERMATITIS. EYES: IRRITATION, CHEMICAL BURNS, TISSUE DESTRUCTION, BLINDNESS.

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

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

First Aid:INGESTION: DO NOT INDUCE VOMITING. RINSE MOUTH, DRINK GLASSFUL OF MILK OR WATER. GET MEDICAL ATTENTION. SKIN: REMOVE CONTAMINATED CLOTHES AND SHOES. FLUSH EXPOSED SKIN WITH WATER FOR 15 MINUTES. IF IRRITATION, OR PAIN DEVELOP, SEEK MEDICAL ATTENTION. INHALATION: MOVE TO FRESH AIR. IF BREATHING IS DIFFICULT, ADMINISTER OXYGEN. ADMINISTER ARTIFICIAL RESPIRATION IF BREATHING HAS STOPPED. SEEK MEDICAL ATTENTION. EYES: FLUSH WITH WATER, USING A STEADY STREAM FOR 30 MINUTES. SEEK MEDICAL ATTENTION.

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

Flash Point Method:TOC  
Flash Point:NO FLASH TO BOIL  
Autoignition Temp:Autoignition Temp Text:N/D  
Lower Limits:NOT DETERMINED  
Upper Limits:NOT DETERMINED  
Extinguishing Media:USE FOAM, CARBON DIOXIDE OR DRY CHEMICAL TO EXTINGUISH FIRE.  
Fire Fighting Procedures:WEAR SELF-PROTECTIVE EQUIPMENT

SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE CLOTHING TO PREVENT CONTACT.

Unusual Fire/Explosion Hazard:NONE. NFPA RATING (NFPA 704): HEALTH: 3; FIRE: 1; REACTIVITY: 0.

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

Spill Release Procedures:WEAR PERSONAL PROTECTIVE EQUIPMENT FOR HANDLING CORROSIVE MATERIALS. CONTAIN THE LIQUID WITH A RING OF NON-COMBUSTIBLE ABSORBENT SUCH AS VERMICULITE. DILUTE THE SPILLED LIQUID WITH AN EQUAL AMOUNT OF WATER

. CAREFULLY POUR MORE

ABSORBENT OVER LIQUID, COLLECT IN SUITABLE CONTAINER FOR CORROSIVE WASTE. CLOSE CONTAINER SECURELY. REPORT SPILLS AND RELEASES AS REQUIRED BY CERCLA AND LOCAL AUTHORITIES.

Neutralizing Agent:NOT PROVIDED

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

Handling and Storage Precautions:HANDLING: PREVENT CONTACT WITH EYES, SKIN, CLOTHING. REMOVE CONTAMINATED CLOTHING. LAUNDER BEFORE REUSE. USE WITH ADEQUATE VENTILATION. DO NOT BREATHE VAPORS, MISTS. WASH

SKIN WITH SOAP AND WATER AFTER USE. KEEP CONTAINER CLOSED. DO NOT

MIX WITH OTHER MATERIALS. HAZARDOUS REACTIONS MAY OCCUR.

Other Precautions:FOLLOW ALL PRECAUTIONS IN HANDLING EMPTY CONTAINERS.

WHEN EMPTY, REPLACE CAP, DISPOSE OF PROPERLY. DO NOT CUT, WELD ON OR NEAR CONTAINERS, EVEN EMPTY. DO NOT REUSE CONTAINERS. EMPTY

CONTAINERS CONTAIN PRODUCT RESIDUES AND MAY BE DANGEROUS. STORAGE: STORE IN COOL, WELL-VENTILATED AREA, AWAY FROM INCOMPATIBLE

MATERIALS.

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

Respiratory Protection:NONE UNDER NORMAL USE CONDITION. FOR OPERATION WHERE TLV IS EXCEEDED, A NIOSH/MSHA APPROVED RESPIRATOR WITH ORGANIC VAPOR CARTRIDGE AND DUST/MIST PRE-FILTER OR SUPPLIED AIR RESPIRATOR IS RECOMMENDED. EQUIPMENT SELECTION DEPENDS ON CONTAMINANT TYPE AND CONCENTRATION, SELECT IN ACCORDANCE WITH 29 CFR 1910.134. USE SCBA FOR FIREFIGHTING.

Ventilation:GENERAL VENTILATION SHOULD

BE ADEQUATE FOR NORMAL USE.

WHERE MATERIAL IS HEATED OR MISTED AND TLV EXCEEDED, LOCAL EXHAUST OR MECHANICAL (GENERAL) MAY BE NEEDED.

Protective Gloves:CHEMICAL RESISTANT SUCH AS NEOPRENE OR PVC COATED GLOVES RECOMMENDED.

Eye Protection:SPLASH PROOF CHEMICAL SAFETY GOGGLES REQUIRED. DO NOT WEAR CONTACT LENSES.

Other Protective Equipment:PROTECTIVE CLOTHING SUCH AS AN APRON, COVERALL, AND BOOTS IF NEEDED TO PREVENT SKIN CONTACT. SUITABLE WASHING AND EYE FLUSHING FACILITIES

SHOULD BE AVAILABLE IN THE IMMEDIATE WORK AREA.

Work Hygienic Practices:CONTAMINATED CLOTHING SHOULD BE IMMEDIATELY REMOVED AND LAUNDERED BEFORE RE-USE.

Supplemental Safety and Health

THIS ENTRY DESCRIBES PART ONE, BE SERIES AUTOMOTIVE REINHIBITOR 1 (MSDS SERIAL NUMBER: CJYBC) OF A TWO PART KIT. SEE THIS SAME NSN, BE SERIES AUTOMOTIVE REINHIBITOR 2 (MSDS SERIAL NUMBER CJYLS) FOR PART TWO DATA.

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

HCC:B1

N

RC/State Lic Num:NR

Boiling Pt.=113.3C, 236.F

Melt/Freeze Pt: