

PRESTONE PRODUCTS CORP -- 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

Kit Part:Y

MSDS Number: CJYLS

=== 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:203-830-7800/7865

Resp. Party Other MSDS Num.:MSDSP144

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:814-455-4

478/800-942-5969  
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

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

Ingred Name:ETHYLENE GLYCOL (CONTAINS 0-8% DIETHYLENE GLYCOL, CAS#  
111-46-6)  
CAS:107-21-1  
RTECS #:KW2975000  
Minimum % Wt:40.  
Maximum % Wt:50.  
ACGIH STEL:C127 MG/M3;C5

0 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.  
OSHA PEL:10 MG/M3  
ACGIH TLV:5 MG/M3

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

Ingred Name:SODIUM MOLYBDATE  
CAS:7631-95-0  
RTECS #:QA5075000  
Minumum % Wt:3.  
Maxumum % Wt:7.  
OSHA PEL:5 MG/M3  
ACGIH TLV:5 MG/M3

Ingred Name:SODIUM PHOSPHATE  
CAS:7558-80-7  
RTECS #:WA1900000  
Minumum % Wt:3.  
Maxumum % Wt:7.  
OSHA PEL:10 MG/M3  
ACGIH TLV:5 MG/M3

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

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 CAUSE CARDIAC FAILURE  
AND PULMONARY EDEMA MAY DEVELOP. SEVERE KIDNEY DAMAGE FOLLOWS  
SWALLOWING OF LARGE VOLUM

ES OF ETHYLENE GLYCOL. MAY BE FATAL.

INHALATION: MAY CAUSE IRRITATION OF NOSE AND THROAT WITH HEADACHE, PARTICULARLY FROM MISTS. SKIN: NO EVIDENCE OF ADVERSE EFFECTS FROM AVAILABLE INFORMATION. EYE CONTACT: LIQUID, VAPOR AND MIST MAY CAUSE DISCOMFORT IN THE EYE WITH PERSISTENT CONJUNCTIVITIS, SEEN AS SLIGHT EXCESS REDNESS OR CONJUNCTIVITIS. SERIOUS CORNEAL INJURY IS NOT ANTICIPATED.

Explanation of Carcinogenicity: NONE OF THE INGREDIENTS IN THIS PRODUCT ARE LISTED AS A CARCINOGEN (OR SUSPECTED CARCINOGEN) BY IARC, NTP, OSHA.

Effects of Overexposure: INGESTION: ABDOMINAL DISCOMFORT, PAIN, NAUSEA, VOMITING, DIZZINESS, DROWSINESS, MALIASE, BLURRING OF VISION, IRRITABILITY, LUMBER PAIN, OLIGURIA, UREMIA, CENTRAL NERVOUS SYSTEM EFFECTS, IRREGULAR EYE MEVEMENT, CONVULSION, COMA, CARDIAC FAILURE, PULMOMARY EDEMA, SEVERE KIDNEY DAMAGE, DIMINISHED HEARING, SWALLOWING DIFFICULTIES, SEVERE POISONING, LIVER INJURY, DEATH.

INHALATION: NOSE AND THROAT IRRITATION, HEADACHE, NAUSEA, VOMITING, DIZZINESS, IRREGULAR EYE MOVEMENTS. EYE CONTACT: CONJUNCTIVITIS, DISCOMFORT. SKIN: SENSITIZATION, DERMATITIS.

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

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

First Aid: INGESTION: GIVE TWO GLASSES OF WATER AND INDUCE VOMITING. GET MEDICAL HELP. SKIN: REMOVE CONTAMINATED CLOTHES. WASH AFFECTED AND EXPOSED AREAS WITH SOAP AND COPIOUS AMOUNTS OF WATER. IF IRRITATION OR REDNESS DEVELOPS AND PERSISTS, SEEK MEDICAL ATTENTION. INHALATION: IF SYMPTOMS DEVELOP, MOVE TO FRESH AIR. IF BREATHING BECOMES DIFFICULT, ADMINISTER OXYGEN. ADMINISTER ARTIFICIAL RESPIRATION IF BREATHING HAS STOPPED. SEEK MEDICAL ATTENTION. EYES: FLUSH WITH COPIOUS AMOUNTS OF CLEAN WATER USING A STEADY STREAM FOR 15 MINUTES. IF IRRITATION, PAIN, SWELLING, OR TEARING PERSISTS, 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 WATER FOG, FOAM, CARBON DIOXIDE, DRY CHEMICAL.  
Fire Fighting Procedures: USE POSITIVE PRESSURE SELF-CONTAINED BREATHING APPARATUS WHEN ENTERING A CONFINED SPACE.  
Unusual Fire/Explosion Hazard: NONE. NFPA RATINGS (NFPA 704): HEALTH: 2; FIRE: 0; REACTIVITY: 0.

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===== 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:STORAGE: DO NOT STORE IN OPEN OR UNLABELED CONTAINERS. STORE IN COOL, WELL VENTILATED AREA. STORE AWAY FROM INCOMPATIBLE MATERIALS. DO NOT MIX PRODUCT DIRECTLY WITH OTHER CHEMICALS; HAZARDOUS REACTION MAY OCCUR! DO NOT REUSE EMPTY CONTAINERS . THEY MAY CONTAIN PRODUCT RESIDUES AND MAY BE DANGEROUS.

Other Precautions:HANDLING:AVOID CONTACT WITH EYES, SKIN, CLOTHING. WEAR PROTECTIVE CLOTHING. REMOVE CONTAMINATED CLOTHING AND LAUNDER BEFORE REUSE. DO NOT BREATHE VAPORS OR MISTS. USE WITH ADEQUATE VENTILATION. KEEP T IGH TLY CLOSED. WASH SKIN WITH SOAP AND WATER AFTER USE. DO NOT MIX WITH OTHER MATERIALS. HAZARDOUS R E ACTIONS MAY OCCUR.

===== 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 AND GOOD INDUSTRIAL HYGIENE PRACTICE. FOR FIREFIGHTING, USE SCBA.

Ventilation:GENERAL VENTILATI ON 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 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. CONTAMINATED

LOTHING SHOULD BE REMOVED/WASHED.

Work Hygienic Practices:WASH EXPOSED SKIN THOROUGHLY AFTER USE.

CONTAMINATED CLOTHING SHOULD BE REMOVED AND LAUNDERED BEFORE REUSE.

Supplemental Safety and Health

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

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

HCC:B1

Boiling Pt:>103.9C, 219.F

B.P. Text:760 MM HG

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

Vapor Pres: