

PRESTONE PRODUCTS CORP -- BE SERIES HEAVY DUTY REINHIBITOR 2, (SEE SUPPL.) --  
6850-01-387-1099

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

Product ID:BE SERIES HEAVY DUTY REINHIBITOR 2, (SEE SUPPL.)

MSDS Date:09/22/1995

FSC:6850

NIIN:01-387-1099

Status Code:A

Kit Part:Y

MSDS Number: CLFKX

=== Responsible Party ===

Company Name:PRESTONE PRODUCTS CORP

Address:39 OLD RIDGEBURY RD

City:DANBURY

State:CT

ZIP:06

810-5109

Country:US

Info Phone Num:203-830-7800

Emergency Phone Num:800-424-9300

Resp. Party Other MSDS Num.:MSDSP146

Preparer's Name:JAMES L. OTTOWITZ

Chemtec 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:SP0450-99-M-C658

CAGE:30255

Company Name:PRESTONE PRODUCTS CORP

Address:39 OLD RIDGEBURY RD

Box:City:DANBURY

State:C

T  
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:10.  
Maxumum % Wt:20.  
OSHA PEL:50 PPM (CEILING)  
ACGIH TLV:50 PPM (CEILING)  
ACGIH STEL:C127 MG/M3;C50 PPM  
EPA Rpt Qty:1 LB  
DOT Rpt Qty:1 LB

Ingred Name:SODIUM NITRATE  
CAS:7631-99-4  
RTECS #:WC5600000  
Minumum % Wt:3.  
Maxumum % Wt:7.  
OSHA PE  
L:NONE ESTABLISHED  
ACGIH TLV:NONE ESTABLISHED

Ingred Name:PHOSPHORIC ACID  
CAS:7664-38-2  
RTECS #:TB6300000  
Minumum % Wt:3.  
Maxumum % Wt:7.  
OSHA PEL:1 MG/M3  
OSHA STEL:3 MG/M3  
ACGIH TLV:1 MG/M3  
ACGIH STEL:3 MG/M3  
EPA Rpt Qty:5000 LBS  
DOT Rpt Qty:5000 LBS

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:POTASSIUM PHOSPHATE  
CAS:7778-77-0  
Minumum % Wt:3.  
Maxumum % Wt:7.  
OSHA PEL:10 MG/M3  
ACGIH TLV:5 MG/M3

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

Ingredient Name:WATER  
CAS:7732-18-5  
RTECS #:ZC0110000  
Minimum % Wt:60.  
Maximum % Wt:80.

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

LD50 LC50 Mixture:NO DATA PROVIDED BY MANUFACTURER  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:INGESTION: MAY CAUSE IRRITATION TO LIPS, TONGUE, ORAL MUCOSA, ESOPHAGUS, STOMACH. MAY CAUSE ABDOMINAL DISCOMFORT, BLURRING OF VISION, CENTRAL NERVOUS SYSTEM EFFECTS, CONVULSION, COMA, CARDIAC EFFECT, FAILURE, PULMONARY EDEMA MAY DEVELOP. SEVERE KIDNEY DAMAGE FOLLOWS SWALLOWING LARGE VOLUMES OF ETHYLENE GLYCOL. MAY BE FATAL. LIVER INJURY MAY ALSO OCCUR. INHALATION: IRRITATION OF NOSE AND THROAT. SKIN CONTACT: MAY CAUSE IRRITATION. EYE CONTACT: LIQUID, VAPOR, AND MIST MAY CAUSE DISCOMFORT, CONJUNCTIVITIS. REPEATED OVEREXPOSURE: MIST INHALATION MAY PRODUCE CNS EFFECTS. URIC ACID METABOLISM INHIBITED. SKIN SENSITIZATION, DERMATITIS.

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

Effects of Overexposure:INGESTION: IRRITATION, PAIN, NAUSEA, VOMITING, DIZZINESS, DROWSINESS, MALAISE, BLURRED VISION, IRRITABILITY, LUMBAR PAIN, OLIGURIA, UREMIA, AND CNS EFFECTS, INCLUDING IRREGULAR EYE MOVEMENTS, CONVULSIONS AND COMA. INHALATION: NOSE AND THROAT IRRITATION, HEADACHE, NAUSEA, VOMITING, DIZZINESS, IRREGULAR EYE MOVEMENTS. SKIN CONTACT: IRRITATION, REDNESS, SWELLING. EYE CONTACT: IRRITATION, CONJUNCTIVITIS, REDNESS. REPEATED OVEREXPOSURE: CNS EFFECTS, DIZZINESS AND NYSTAGMUS. SKIN SENSITIZATION, DERMATITIS.

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

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

First Aid:INGESTION: GIVE TWO GLASSES OF WATER AND INDUCE VOMITING. NEVER GIVE ANYTHING

G BY MOUTH TO AN UNCONSCIOUS PERSON. GET MEDICAL ATTENTION. SKIN: REMOVE CONTAMINATED CLOTHING. WASH EXPOSED SKIN WITH SOAP AND WATER. IF IRRITATION DEVELOPS OR PERSISTS, GET MEDICAL ATTENTION. INHALATION: MOVE TO FRESH AIR. IF BREATHING DIFFICULT, GIVE OXYGEN. IF NOT BREATHING, GIVE ARTIFICIAL RESPIRATION. GET MEDICAL ATTENTION. EYES: FLUSH WITH WATER FOR 15 MINUTES. IF IRRITATION PERSISTS, GET MEDICAL ATTENTION.

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===== Fire Fighting Measures =====  
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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: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.

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===== Accidental Release Measures =====  
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Spill Release Procedures:WEAR APPROPRIATE PERSONAL PROTECTIVE EQUIPMENT. COLLECT FOR DISPOSAL USING AN ABSORBENT MATERIAL, IE. VERMICULITE OR SIMILAR MATERIAL.  
Neutralizing Agent:NO DATA PROVIDED BY MANUFACTURER

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===== Handling and Storage =====  
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Handling and Storage Precautions:PREVENT CONTACT WITH EYES, SKIN AND CLOTHING. WEAR PROPER PROTECTIVE CLOTHING WHEN HANDLING. IMMEDIATELY REMOVE CONTAMINATED CLOTHING AND LAUNDRER BEFORE REUSE. DO NOT BREATHE VAPORS OR MISTS THAT MAY BE GENERATED USING THE CHEMICALS. USE WITH ADEQUATE VENTILATION.(CONTD. SEE "OTHER INFORMATION").  
Other Precautions:FOLLOW RECOMMENDED PRECAUTIONS IN HANDLING EMPTY CONTAINERS. WHEN EMPTY, REPLACE CAP. DISPOSE OF PROPERLY. DO NOT CUT OR WELD ON OR NEAR CONTAINER. EVEN EMPTY. DO NOT REUSE CONTAINERS. EMPTY CONTAINERS CONTAIN PRODUCT RESIDUES AND MAY BE DANGEROUS. OBSERVE ALL REQUIREMENTS OF PLANT, COMPANY, GOVERNMENT REGULATIONS.

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===== Exposure Controls/Personal Protection =====  
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Respiratory Protection:NONE NEEDED UNDER NORMAL CONDITIONS. IF TLV EXCEEDED, USE NIOSH/MSHA APPROVED RESPIRATOR WITH AN ORGANIC VAPOR CARTRIDGE AND A DUST/MIST PRE-FILTER OR A SUPPLIED AIR RESPIRATOR. SELECTION DEPENDS ON CONTAMINANT TYPE AND CONCENTRATION, SELECT BASED ON 29 CFR 1910.134 AND GOOD INDUSTRIAL HYGIENE PRACTICE. FIREFIGHTERS, USE SELF-CONTAINED BREATHING APPARATUS.

Ventilation:GENERAL VENTILATION SHOULD BE ADEQUATE FOR NORMAL USE. WHERE MATERIAL

IS HEATED OR MISTED AND TLV EXCEEDED, FORCED VENTILATION RECOMMENDED.

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 IMMEDIATE WORK AREA.

Work Hygienic Practices:CONTAMINATED CLOTHING SHOULD BE IMMEDIATELY REMOVED AND L

AUNDERED BEFORE REUSE.

Supplemental Safety and Health

THIS ENTRY DESCRIBES PART 2, SERIAL NUMBER "CLFKX", BE SERIES HEAVY DUTY REINHIBITOR 2, OF A TWO PART KIT. SEE THIS SAME NSN, SERIAL NUMBER "CLFKC", BE SERIES HEAVY DUTY REINHIBITOR 1, FOR DATA OF PART 1 OF KIT.

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

HCC:B1

Boiling Pt:>103.9C, 219.F

Melt/Freeze Pt: