

FINISH THOMPSON INC -- BE SERIES AUTOMOTIVE REINHIBITOR 1,J 101451 -- 6850-01-387-1095
===== Product Identification =====

Product ID:BE SERIES AUTOMOTIVE REINHIBITOR 1,J 101451

MSDS Date:06/01/1995

FSC:6850

NIIN:01-387-1095

MSDS Number: BYCVT

=== Responsible Party ===

Company Name:FINISH THOMPSON INC

Address:921 GREENGARDEN ROAD

City:ERIE

State:PA

ZIP:16501-1591

Country:US

Info Phone Num:814-455-

4478

Emergency Phone Num:814-455-4478

Chemtec Ind/Phone:(800)424-9300

CAGE:30255

=== 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

CAGE:30255

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

Ingred Name:ETHYLENE GLYCOL (SARA 313) (CERCLA)

CAS:107-21-1

RTECS #:KW2975000

Minumum % Wt:30.

Maxumum % Wt:32.

Other REC Limits:NONE RECOMMENDED

ACGIH TLV:C ST

EL39PPM,A4,VAP96

EPA Rpt Qty:1 LB

DOT Rpt Qty:1 LB

Ingred Name:DIETHYLENE GLYCOL

CAS:111-46-6

RTECS #:ID5950000

Minumum % Wt:0.

Maxumum % Wt:8.

Other REC Limits:NONE RECOMMENDED

Ingred Name:SODIUM MERCAPTOBENZOTHAZOLE

CAS:2492-26-4

RTECS #:DL6825000

Minumum % Wt:1.

Maxumum % Wt:6.

Other REC Limits:NONE RECOMMENDED

Ingred Name:SODIUM BORATE/SODIUM TETRABORATE, DECAHYDRATE

CAS:1303-96-4

RTECS #:VZ2275000

Minumum % Wt:1.

Maxumum % Wt:5.

Other REC Limits:NONE RECOMMENDED

OSHA PEL:10 MG/M3

ACGIH

TLV:5 MG/M3; 9495

Ingred Name:SODIUM SILICATE

CAS:1344-09-8

Minumum % Wt:1.

Maxumum % Wt:5.

Other REC Limits:NONE RECOMMENDED

Ingred Name:SODIUM TOLYTRIAZOLE/1,H-BENZOTRIAZOLE (4 OR 5)-METHYL
SODIUM SALT

CAS:64665-57-2

Minumum % Wt:1.

Maxumum % Wt:5.

Other REC Limits:NONE RECOMMENDED

Ingred Name:POTASSIUM HYDROXIDE (CERCLA)

CAS:1310-58-3

RTECS #:TT2100000

Minumum % Wt:9.

Maxumum % Wt:11.

Other REC Limits:NONE RECOMMENDED

OSHA PEL:C 2 MG/M3

ACGIH TLV:C 2 MG/M3; 9495

EPA Rpt Qty:1000 LBS

DO

T Rpt Qty:1000 LBS

Ingred Name:NON-HAZARDOUS INGREDIENTS

> Wt:1.

Other REC Limits:NONE RECOMMENDED

Ingred Name:WATER

CAS:7732-18-5

RTECS #:ZC0110000

Fraction by Wt: 30 - 60%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:NOT RELEVANT

ACGIH TLV:NOT RELEVANT

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

LD50 LC50 Mixture:LD50 (ORAL, RAT) IS UNKNOWN.

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

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

Health Hazards

Acute and Chronic:TARGET ORGANS:EYE, SKIN, CNS,

RESPIRATORY & GI TRACTS. ACUTE- CORROSIVE. EYES/SKIN:SEVERE IRRITATION, CHEMICAL BURNS. MAY CAUSE BLINDNESS. INHALE:FUMES/MISTS MAY CAUSE SEVERE IRRITATION, CNS EFFECTS. ORAL:IMMEDIATE BURNS TO LIPS, TONGUE, THROAT WITH POSSIBLE GI HEMORRHAGE & PERFORATION. CHRONIC- SKIN SENSITIZATION.

Explanation of Carcinogenicity:NONE

Effects of Overexposure:SEVERE IRRITATION, CHEMICAL BURNS, COUGHING, BLURRED VISION, PAIN, DIZZINESS, HE

ADACHE, NAUSEA, VOMITING,

CONVULSION, COMA, DIFFICULTY IN BREATHING, BLINDNESS

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

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

First Aid:GET MEDICAL ATTENTION IF SYMPTOMS PERSIST. SKIN:IMMEDIATELY FLUSH WITH PLENTY OF WATER FOR 15 MINUTES WHILE REMOVING CONTAMINATED CLOTHING. EYE:IMMEDIATELY FLUSH WITH WATER FOR 15 MINUTES, HOLDING EYE LIDS OPEN. CALL PHYSICIAN. INHALED:MOVETO

FRESH AIR. PROVIDE CPR/OXYGEN. ORAL:DO NOT INDUCE VOMITING. IF CONSCIOUS, DRINK A GLASS OF MILK/WATER. CALL A PHYSICIAN OR POISON CONTROL CENTER IMMEDIATELY.

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

Flash Point:NONE
Lower Limits:NOT RELEVANT
Upper Limits:NOT RELEVANT
Extinguishing Media:USE CARBON DIOXIDE, SAND, FOAM/DRY CHEMICAL. WATER SPRAY MAY BE USED TO KEEP FIRE EXPOSED CONTAINERS COOL.
Fire Fighting Procedures:WEAR PROTECTIVE CLOTHING AND NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS.
Unusual Fire/Explosion Hazard:NONE

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

Spill Release Procedures:WEAR PROTECTIVE EQUIPMENT. PREVENT SKIN AND EYE CONTACT. ABSORB SPILLS WITH INERT MATERIAL SUCH AS SAND OR VERMICULITE. TRANSFER TO A SUITABLE CONTAINER FOR DISPOSAL. REPORT SPILLS AS REQUIRED TO LOCAL AUTHORITIES.
Neutralizing Agent:WEAK ACID

===== Handling and Storage =====
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Handling and Storage Precautions:STORE IN COOL, VENTILATED AREA AWAY FROM INCOMPATIBLE MATERIALS. KEEP OUT OF REACH OF CHILDREN. KEEP CONTAINER CLOSED. DO NOT MIX WITH OTHER CHEMICALS
Other Precautions:CORROSIVE! AVOID CONTACT WITH EYES AND SKIN. USE WITH ADEQUATE VENTILATION. WASH THOROUGHLY AFTER HANDLING. EMPTY CONTAINER RETAINS CORROSIVE RESIDUE AND MAY BE DANGEROUS. DO NOT INGEST. FOR INDUSTRIAL USE ONLY.

===== Exposure Controls/Personal Protection =====
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Respiratory Protection:NONE NORMALLY REQUIRED. IF TLV IS EXCEEDED OR FOR SYMPTOMS OF OVER EXPOSURE, WEAR NIOSH-APPROVED ORGANIC VAPOR RESPIRATOR WITH A DUST/MIST PRE-FILTER OR A SUPPLIED AIR RESPIRATOR.
Ventilation:USE GENERAL OR LOCAL EXHAUST VENTILATION TO MEET TLV REQUIREMENTS.
Protective Gloves:PVC OR NEOPRENE
Eye Protection:SAFETY GLASSES/CHEMICAL SPLASH GOGGLES
Other Protective Equipment:SAFETY SHOWER AND EYE WASH FOUNTAIN SHOULD BE LOCATED NEARBY. WEAR APPROP

RIATE PROTECTIVE CLOTHING FOR RISK OF
EXPOSURE.

Work Hygienic Practices:OBSERVE GOOD INDUSTRIAL HYGIENE PRACTICES AND
RECOMMENDED PROCEDURES. WASH BEFORE EATING OR DRINKING.

Supplemental Safety and Health

PERCENTAGE CHANGED. FOR PREVIOUS CONCENTRATION SEE PNI A, SAME NSN.

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

HCC:B2

NRC/State Lic Num:NOT RELEVANT

Boiling Pt:=113.3C, 236.F

Melt/Freeze Pt: