

FINISH THOMPSON INC -- BE SERIES AUTOMOTIVE REINHIBITOR I -- 6850-01-387-1136

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

Product ID:BE SERIES AUTOMOTIVE REINHIBITOR I

MSDS Date:06/01/1995

FSC:6850

NIIN:01-387-1136

Kit Part:Y

MSDS Number: BWFHN

=== 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/FA

X 814-455-8518

Emergency Phone Num:800-424-9300(CHEMTREC)

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

Fraction by Wt: 30-40%

Other REC Limits:NONE RECOMMENDED

ACGIH TLV:C STEL39PPM,A4,VAP96

EPA Rpt

Qty:1 LB
DOT Rpt Qty:1 LB

Ingred Name:DIETHYLENE GLYCOL (0-8% IN INGRED #1).
CAS:111-46-6
RTECS #:ID5950000
Fraction by Wt: NA
Other REC Limits:NONE RECOMMENDED

Ingred Name:SODIUM MERCAPTOBENZOTHIAZOLE
CAS:2492-26-4
RTECS #:DL6825000
Fraction by Wt: 1-6%
Other REC Limits:NONE RECOMMENDED

Ingred Name:SODIUM TETRABORATE, DECAHYDRATE
CAS:1303-96-4
RTECS #:VZ2275000
Fraction by Wt: 1-5%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:10 MG/M3
ACGIH TLV:5 MG/M3; 9596

Ingred Name:SODIUM SILICATE
CAS:1
344-09-8
Fraction by Wt: 1-5%
Other REC Limits:NONE RECOMMENDED

Ingred Name:1,H-BENZOTRIAZOLE (4 OR 5)-METHYL SODIUM SALT; (SODIUM
TOYTRIAZOLE)
CAS:64665-57-2
Fraction by Wt: 1-5%
Other REC Limits:NONE RECOMMENDED

Ingred Name:POTASSIUM HYDROXIDE (CERCLA)
CAS:1310-58-3
RTECS #:TT2100000
Fraction by Wt: 9-11%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:C 2 MG/M3
ACGIH TLV:C 2 MG/M3; 9596
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:WATER
CAS:7732-18-5
RTECS #:ZC0110000
Fraction by W

t: 30-60%

Other REC Limits:NONE RECOMMENDED

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

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

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

Health Hazards Acute and Chronic:INGEST:MAY RESULT N IMMED SEVERE BURNS TO LIPS/TONGUE/ORAL MUCOSA/ESOPHAGUS W/POSSIBLE GI HEMORRHAGE & PERFORATION.MAY CAUSE ABD DISCOMFT,PAIN,CNS EFFECTS.CARDIAC FAILURE,PULM EDEM

A.SEVERE KIDNEY DMG. FATAL.INHAL:EXTREME LUNG IRRIT,DMG/DESTRUCTION OF LUNG TISSUE,PNEUOITIS/PULM EDEMA.SKIN:SEVERE IRRIT &/OR CHEM (SUPPLE)

Explanation of Carcinogenicity:PER MSDS:NONE OF INGREDIENTS LISTED AS CARCINOGEN OR POTENTIAL CARCINOGEN BY IARC/NTP/OSHA.

Effects of Overexposure:CNS INVOLVMENT,DIZZ,NYSTAGMUS.SKIN SENS,DERM.DROOLING,DIFFCULTY W/SWALLOW/BREATH/SPEAK,CHEST PAIN.NAU,VOMIT,DIZZ,MALAISE,BLURR VISION,IRRITABILITY.LUMBAR PAIN,OLIGURIA,UREMIA,IRREG EYE MOVEMEN

TS,CONVULSIONS,COMA.SEVERE POISONING,LIVER INJURY,RED SKIN RASH.HOARSENESS,DIFF BREATH,RESP DISTRESS.

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

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

First Aid:INGEST:DON'T INDUCE VOMIT.RINSE MOUTH.DRINK GLASSFUL OF MILK/WATER.DON'T GIVE ANYTHING BY MOUTH IF UNCONSC.GET IMMED MED ATTN-CALL DR/POIS CNTRL CNTR.SKIN:REMOVE CONTAMIN CLOTH/SHOE.FLUSH W/COPIOUS AM TS OF WATER FOR

@LEAST 15MINS.IRRIT/PAINDEVELOPS GET MED ATTN.INHAL:MOVE TO FRESH AIR.BREATH DIFF ADMIN OXY;STOP BREATH ADMIN ART RESP.GET IMMED MED ATTN.EYE:IMMED LFUSH W/COPIOUS OF WATER.(SUPPLE)

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

Flash Point:NO FLASH THRU BP

Autoignition Temp:Autoignition Temp Text:N/DETE

Lower Limits:N/DETERMINE

Upper Limits:N/DETERMINE

Extinguishing Media:USE FOAM, CARBON DIOXIDE, DRY CHEMICAL TO EXTINGUISH FIRE.

Fire Fighting Procedures:

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

Unusual Fire/Explosion Hazard:NONE.

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

Spill Release Procedures:WEAR APPROPRIATE PPE FOR HNDL CORR
MATL.CONTAIN W/RING OF NON-COMBUST ABSORBENT(VERMICULITE).DILUTE
LIQ/COLLECT IN SUITABLE CNTNR FOR CORR WASTE.CLOSE CNTNR
SECURELY.REPORT SPILL/RELEASE AS REQUIRED B Y CERCLA/LOC
AUTHORITIES.

Neutralizing Agent:NONE SPECIFIED B
Y MANUFACTURER.

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

Handling and Storage Precautions:CORROSIVE!PREVENT EYE/SKIN/CLOTH
CONTACT.USE ONLY W/PROPER VENTI.WEAR PPE WHEN HNDLG.DON'T BREATH
VAP/MIST GENERATED IN USING CHEMS.KEEP TIGHTLY CLSD.

Other Precautions:DON'T STORE IN OPN/UNLAB CNTNR.STORE IN COOL WELL
VENTI AREA/AWAY FROM INCOMP MATL.DON'T MIX CHEM DIRECTLY W/ANY
OTHER MATL.HAZ RXS MAY OCCUR.USE ONLY AS DIRECTED.FOLLOW ALL
RECOMMEND PRECAUT
IN HNDLG EMPTY CNTNR.OBSERVE PLANT/CO/GOVT REG.

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

Respiratory Protection:NONE NEEDED UNDER NORMAL USE CONDITIONS.FOR
OPERATIONS WHERE TLV MAY BE EXCEEDED NIOSH/MSHA APPROVED RESP W/ORG
VAP CARTRIDGE & DUST/MIST PREFILTER OR SUPPLIED AIR RESP
RECOMMENDE.D EQPMT SELECTION DE PEND CONTAMIN TYP/CONC IAW
29CFR1910.134

Ventilation:GEN VENTI SHOULD BE ADEQUATE FOR NORMAL USE.OPERATIONS
WHERE MATL HEAT/MIST/TLV EXCEE
DED FORCED VENTI(LOC EXHAU)NEEDED.

Protective Gloves:CHEM RESIST(NEOPRENE,PVC COAT)GLOVES.

Eye Protection:SPLASH-PROOF CHEM SAFTEY GOGGLES,FACESHD

Other Protective Equipment:DON'T WEAR CONTACT LENSES.PROT
CLOTH(APRON,COVERALL,BOOTS)-PREVENT SKIN CONTACT.SUITABLE WASH/EYE
FLUSH FACIL IN WORKARE

Work Hygienic Practices:FOLLOW GOOD INDUSTRIAL HYGIENE PRACTICE.IMMED
REMOVE CONTAMIN CLOTH/LAUNDER BEF REUSE.WASH WELL W/SOAP/WATER AFT
USE.

Supplemental Safety and Health
DEN:9.4-10.7LBS/

GAL. HEALTH HAZ:BURN RESULT IN TISSUE

DESTRUCTION.EYE:RAPID,SEVERE IRRIT &/OR CHEM BURN RESULT IN TISSUE
DESTRUCTION,BLINDNESS. 1ST AID:MIN 30MIN.GET MED ATTN.DR:INDUCTION
OF EMESIS SHO ULD BE AVOID-FURTHER CAUSTIC INJURY TO ESOPHAGUS MAY
OCCUR.NO SPEC ANITDOTE.OBSERVE/EVALUATE PATIENT.PNIND:C FOR INHIB2.

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

HCC:B1

Boiling Pt:B.P. Text:236F,113C

Melt/Freeze Pt:M.P/F.P Text: