

FINISH THOMPSON INC -- BE SERIES AUTOMOTIVE REINHIBITOR I, RE4AFTH-1,RE4AFTH-55 --
6850-01-387-4695

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

Product ID:BE SERIES AUTOMOTIVE REINHIBITOR I, RE4AFTH-1,RE4AFTH-55

MSDS Date:01/03/1994

FSC:6850

NIIN:01-387-4695

MSDS Number: CCVVP

=== Responsible Party ===

Company Name:FINISH THOMPSON INC

Address:921 GREENGARDEN RD

City:ERIE

State:PA

ZIP:16501-1591

Country:US

Info Phone Num:814-455-4478

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

Preparer's Name:R.L.LEWIS

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

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

Ingred Name:ETHYLENE GLYCOL (SARA 313) (CERCLA) CONTAINS INGRED #2.

CAS:107-21-1

RTECS #:KW2975000

Fraction by Wt: 30-40%

Other REC Li

imits:NONE RECOMMENDED
ACGIH TLV:C STEL39PPM,A4,VAP96
EPA Rpt Qty:1 LB
DOT Rpt Qty:1 LB

Ingred Name:DIETHYLENE GLYCOL CONTAINED IN INGRED #1.
CAS:111-46-6
RTECS #:ID5950000
Fraction by Wt: 0-8%
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:1344-09-8
Fraction by Wt: 1-5%
Other REC Limits:NONE RECOMMENDED

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

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Ingred Name:NON-HAZARDOUS INGREDIENTS

RTECS #:9999999ZZ

Fraction by Wt: >1%

Other REC Limits:NONE RECOMMENDED

Ingred Name:WATER CONTAINED IN INGRED #9.

CAS:7732-18-5

RTECS #:ZC0110000

Fraction by Wt: 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:IMMED/SEVERE LIPS/TONGUE/ORAL

MUCOSA/ESOPHAGUS BURNS,GI HEMORRHAGE/PERFORATION.ABD

DISCOMFT,PAIN,NAU,VOMIT,DIZZ,MALAISE,BLUR

VISION,IRRITABILITY.LUMBAR PAIN,OLIGURIA,UREMIA,CNS EFFECTS,CARDIAC

FAILURE,PULM EDEMA,SEVERE KID DMG-FATAL,LIVER INJURY.INHAL:LUNG

TISSUE DMG/DESTRUCT,PNEUOITIS,PULM EDEMA.SKIN:(SUPPLEME)

Explanation of Carcinogenicity:PER MSDS:NONE OF THE INGREDIENTS IS LISTED

AS CARCINOGEN OR POTENTIAL CARCINOGEN BY IARC/NTP/OSHA.

Effects of Overexpo

sure:MIST INHAL:CNS SYSTEME,DIZZ,NYSTAGMUS.CONSTANT

USE RESULT IN SKIN CONTACT CAUSE SENS,DERM.IRREG EYE

MOVEMENTS,CONSULSIONS,COMA,DIFFICULTY W/SWALLOWING,DELAYED RED SKIN

RASH.HOARSENESS,DIFFICULT BREATH ,RESP

DISTRESS,NAU,VOMIT,HEAD,DIZZ,IRREGEYE MOVEMENT.

Medical Cond Aggravated by Exposure:MAY AGGRAVATE EXISTING KIDNEY

DISEASE.

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

First Aid:INHAL:DON'T INDUCE VOMIT.RINSE MOUTH;DRINK GLASSFUL OF MILK/

WATER.UNCONSC DON'T GIVE ANYTHING BY MOUTH.SKIN:REMOVE CONTAM CLOTH/SHOES.FLUSH W/COPIOUS AMTS OF WATER FOR @LEAST 15MINS.INHAL:MOVE TO FRES H AIR.DIFFI BREATH GIVE OXY;STOP BREATHGIVE ART RESP.EYE:IMMED LFUSH W/COPIOUS OF WATER MIN OF 30MINS.IN ALL CASES GET MED ATTN.DR:INGEST AVOID EMESIS INDUCTION.PRINCIPAL TOXIC EFFECTS-ETHYLENEGLYCOL

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

Flash Point Method:TOC
Flash Point:NONE THRU BOILPT
Autoignition Tem
p:Autoignition Temp Text:N/DETR
Lower Limits:N/DETERMINED
Upper Limits:N/DETERMINED
Extinguishing Media:USE FOAM, CARBON DIOXIDE OR DRY CHEMICAL TO EXTINGUISH FIRE.
Fire Fighting Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE CLOTHING TO PREVENT CONTACT.
Unusual Fire/Explosion Hazard:NONE.

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

Spill Release Procedures:WEAR APPROPRIATE PPE FOR HNDLG CORR MATLS.CONTAIN W/RING OF NON-COMBUST ABSORBENT(VERMICULITE).DILUTE W/EQUAL AMT OF WATER.CAREFULLY POUR MORE ABSORBENT,COLLECT IN CNTNR FOR CORR WASTE.CLS CNTNR SECUR ELY.REPORT PER CERCLA.
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:CORRO.PREVENT EYE/SKIN/CLOTH CONTACT.IMMED REMOVE CONTAMIN CLOTH/LAUNDRER BEF REUSE.USE ONLY W/PROPER VENTILATION.WEAR PROPER PROT CLOTH WHEN HNDLG.
Other Precautions:DON'T BREATH VAP/MIST GENERATED IN USING CHEMS.KEEP TIGHTLY CLSD.DON'T STORE IN OPN/UNLABE CNTNR.STORE IN COOL WELL VENTI AREA AWAY FROM INCOMPATIBLE MATL.DON'T MIX CHEM DIRECTLY W/OTHER MATL.HAZ RX MAY OCCUR.USE ONLY AS DIRECTED.(SUPPLEME)

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

Respiratory Protection:NONE UNDER NORM USE CONDITION.OPERATIONS WHERE TLV EXCEEDED NIOSH/MSHA APPROVED RESP W/ORG VAP CARTRIDGE & DUST/MIST PRE-FILT OR SUPPLIED AIR RESP RECOMMENDED.EQPM

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SELECTION:CONTAM TYP,CONC,29CFR1910 .134,GOOD INDUST HYG

PRAC.FIREFIGHT:SCBA

Ventilation:GEN VENTI ADEQUATE FOR NORMAL USE.OPERATIONS WHERE MATL
HEAT/MISTED,TLV EXCEEDED FORCED VENTI(LOC EXHAU)NEEDED.

Protective Gloves:CHEM RESIST GLOVES,NEOPRENE,PVC COATED.

Eye Protection:SPLASH-PROOF CHEM SAF GOGG,FACESHIELD.

Other Protective Equipment:DO NOT WEAR CONTACT LENSES.PROTECTIVE
CLOTH-APRON,COVERALL,BOOTS.WASHING/EYE FLUSHING FACILITIES IN IMMED
WORKAREA.

Work Hygienic Practice

s:CONTAMIN CLOTH SHOULD BE IMMED REMOVED &

LAUNDERED BEFORE REUSE.WASH EXPO SKIN WELL W/SOAP/WATER AFT USE.

Supplemental Safety and Health

HEALTH HAZ:SEVERE IRRIT &/OR CHEM BURNS,TISSUE DESTRUCT.EYE:RAPID

SEVERE IRRIT &/OR CHEM BURNS,TISSUE DESTRUCT,BLINDNESS. OTHER

PRECAUT:FOLLOW ALL RECOMMENDED PRECAUT IN HNDLG EMPTY CNTNR;EMPTY

IMMED REPLACE CAP/DISP PROPERLY;DON'T REUSE.DON'T CUT/PUNCT/ETC

ON/NEAR CNTNR EVEN EMPTY.OBSERVE ALL PLANT,CO,GOVT REGS REQMTS

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Physical/Chemical Properties =====

HCC:B1

Boiling Pt:=113.3C, 236.F

Melt/Freeze Pt: