

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

===== 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

===== 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 Lim

its: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 MERCAPTOBENZOTHAZOLE

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

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 LBS

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

===== 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 Overexpos

ure: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.

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

First Aid:INHAL:DON'T INDUCE VOMIT.RINSE MOUTH;DRINK GLASSFUL OF
MILK/W
ATER.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 Temp
: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 HANDLING CORROSIVE
MATERIALS.CONTAIN WITH RING OF NON-COMBUSTIBLE ABSORBENT

NT(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/LAUNDER BEF REUSE.USE ONLY
W/PROPER VENTILATION.WEAR PROPER PROT CLOTH WHEN HNDLG.
Other Precautions:DON'T BREATH VAP/MI
ST 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 M AY 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.EQPMT

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 Practices

: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: