

E-TEK, INC -- ANTIFREEZE EXTENDER MIL-A-53009 -- 6850-01-287-8067

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Product Identification
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Product ID:ANTIFREEZE EXTENDER MIL-A-53009

MSDS Date:06/15/1993

FSC:6850

NIIN:01-287-8067

Status Code:A

MSDS Number: CHVZF

=== Responsible Party ===

Company Name:E-TEK, INC

Address:1910 ENGINEERS ROAD

City:BELLE CHASSE

State:LA

ZIP:70037

Country:US

Info Phone Num:504-394-3023

Emergency Phone Num:8

00-255-3924/504-394-3023

CAGE:ETEKI

=== Contractor Identification ===

Company Name:E-TEK, INC

Address:1910 ENGINEERS ROAD

Box:City:BELLE CHASSE

State:LA

ZIP:70037

Country:US

Phone:504-394-3023

CAGE:ETEKI

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Composition/Information on Ingredients
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Ingred Name:SODIUM MERCAPTOBENZOTHIAZOLE

CAS:2492-26-4

RTECS #:DL6825000

Fraction by Wt: 3+/- .15%

Other REC Limits:NONE RECOMMENDED

Ingred Name:SODIUM METABORATE (NA2BO4-8H2O)

CAS:35585-58-1

Fraction by Wt: 29+/- .3%

Other RE

C Limits:NONE RECOMMENDED

Ingred Name:POTASSIUM SILICATE

CAS:1312-76-1

Fraction by Wt: 4.4-4.8%

Other REC Limits:NONE RECOMMENDED

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

LD50 LC50 Mixture:LD50 (ORAL, RAT) IS NOT KNOWN.

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

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

Health Hazards Acute and Chronic:TARGET ORGANS: EYES, SKIN, RESPIRATORY
& GASTROINTESTINAL TRACTS. ACUTE- EYE CONTACT MAY CAUSE IRRITATION.

SKIN CONTACT MAY CAUSE IRRITATION SLOWLY. INHALATION MAY CAUSE
RESPIRATORY TRACT IRRITATION, DIZZINESS, HEADACHE. MAY BE HARMFUL
IF SWALLOWED. CHRONIC- UNKNOWN.

Explanation of Carcinogenicity:NONE

Effects of Overexposure:IRRITATION, REDNESS, SWELLING, NAUSEA,
VOMITING, DIARRHEA, HEADACHE, DIZZINESS, CONFUSION

Medical Cond Aggravated by Exposure:PERSONS WITH PRE-EXISTING SKIN
DISORDERS, EYE PROBLEMS OR IMPAIRED RESPIRATORY FUNCTION MAY BE
MORE SUSCEPTIBLE TO THE EFFECTS
OF THIS PRODUCT.

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

First Aid:GET MEDICAL HELP IF SYMPTOMS PERSIST. INHALED:MOVE TO FRESH
AIR. PROVIDE CPR/OXYGEN IF NEEDED. EYES:IMMEDIATELY FLUSH WITH
WATER FOR 15 MINUTES. HOLD EYELIDS OPEN. SKIN:WASH WITH PLENTY OF
SOAP & WATE R. ORAL:DO NOT INDUCE VOMITING. SEEK IMMEDIATE MEDICAL
ATTENTION.

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

Flash Point:NONE

Lower Limits:NOT RELEVANT

Upper

Limits:NOT RELEVANT

Extinguishing Media:WATER SPRAY, CARBON DIOXIDE, FOAM OR DRY CHEMICAL
FOR SURROUNDING FIRE. USE WATER SPRAY TO COOL FIRE EXPOSED
CONTAINERS.

Fire Fighting Procedures:WEAR PROTECTIVE CLOTHING AND NIOSH-APPROVED
SELF-CONTAINED BREATHING APPARATUS. EVACUATE PERSONNEL TO A SAFE
AREA.

Unusual Fire/Explosion Hazard:CONTAINER MAY RUPTURE.

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

Spill Release Procedures:RECOVER AS MUCH MATERIAL AS POSSIB

LE. ABSORB

REMAINING OF SPILL WITH VERMICULITE. TRANSFER TO A SUITABLE CONTAINER FOR DISPOSAL.

Neutralizing Agent:NOT RELEVANT

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

Handling and Storage Precautions:STORE IN COOL AREA IN CLOSED CONTAINER. KEEP AWAY FROM INCOMPATIBLE MATERIALS.

Other Precautions:WASH THOROUGHLY WITH SOAP AND WATER AFTER HANDLING AND BEFORE EATING, DRINKING, SMOKING. KEEP OUT OF REACH OF CHILDREN. DO NOT TAKE INTERNALLY. AVOID EYE AND SKIN CONTACT.

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

Respiratory Protection:NONE REQUIRED WHERE ADEQUATE VENTILATION CONDITIONS EXIST. IF AIRBORNE CONCENTRATION IS HIGH, WEAR A NIOSH-APPROVED ORGANIC VAPOR RESPIRATOR.

Ventilation:USE GENERAL OR LOCAL EXHAUST VENTILATION TO KEEP VAPOR/MIST LEVELS AS LOW AS POSSIBLE.

Protective Gloves:LATEX OR RUBBER

Eye Protection:SAFETY GLASSES/CHEMICAL SPLASH GOGGLES

Other Protective Equipment:EYE WASH STATION, SAFETY SHOWER, PROTECTIVE CLOTHING

Work Hygienic Practices:OBSERVE GOOD INDUSTRIAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES.

Supplemental Safety and Health

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

HCC:B3

NRC/State Lic Num:NOT RELEVANT

Boiling Pt:B.P. Text:212F,100C

Melt/Freeze Pt:M.P/F.P Text:32.0F,0.0C

Vapor Pres:18 @ 68F

Vapor Density:>1

Spec Gravity:1.185 - 1.200

pH:12- 13

Solubility in Water:COMPLETE

Appearance and Odor:CLEAR LIQUID - MILD ODOR

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===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid: YES

OXIDIZING AGENTS

Stability Condition to Avoid: EXCESSIVE HEAT

Hazardous Decomposition Products: SMOKE, CARBON MONOXIDE, CARBON DIOXIDE

===== Disposal Considerations =====

Waste Disposal Methods: DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS. RECYCLING IS RECOMMENDED.

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