

CHEM-TREND INC -- BRITEMOR 446 AEROSOL -- 6850-01-267-4345

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Product Identification
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Product ID:BRITEMOR 446 AEROSOL

MSDS Date:12/17/1993

FSC:6850

NIIN:01-267-4345

MSDS Number: BSYZY

=== Responsible Party ===

Company Name:CHEM-TREND INC

Address:1445 W. MCPHERSON PARK DR

City:HOWELL

State:MI

ZIP:48843-0860

Country:US

Info Phone Num:517-546-4520

Emergency Phone Num:517-546-4520

Preparer's

Name:JLG

CAGE:2W738

=== Contractor Identification ===

Company Name:CHEM-TREND INC

Address:1445 W. MCPHERSON PARK DR

Box:860

City:HOWELL

State:MI

ZIP:48844-0860

Country:US

Phone:800-727-7730

CAGE:2W738

Company Name:DUNN R G ASSOCIATES INC

Address:15104 LEE RD SUITE 203-B

Box:City:HUMBLE

State:TX

ZIP:77396-2078

Country:US

Phone:281-441-2001/FAX: 281-441-7772

CAGE:0A272

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Composition/Information on Ingredients
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Ingred Name:HYDROTREATED LIGHT PETROLEUM DISTILLATE

CAS:647

42-47-8

Fraction by Wt: 15-25%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:100 PPM

ACGIH TLV:100 PPM

Ingred Name:EMULSIFIER BLEND

Fraction by Wt: 20-30%

Other REC Limits:NONE RECOMMENDED

Ingred Name:HYDROCARBON PROPELLANT

CAS:68476-86-8

Fraction by Wt: 20-30%

Other REC Limits:NONE RECOMMENDED

Ingred Name:ACETONE (SARA III)

CAS:67-64-1

RTECS #:AL3150000

Fraction by Wt: 10-20%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:1000PPM

ACGIH TLV:750PPM/1000STEL;9394

EPA Rpt Qty:5000 LBS

DOT Rpt Qty:5000

LBS

Ingred Name:DIETHYLENE GLYCOL MONOBUTYL ETHER

CAS:112-34-5

RTECS #:KJ9100000

Fraction by Wt: 1-10%

Other REC Limits:NONE RECOMMENDED

Ingred Name:PHOSPHATE ESTER BLEND

Fraction by Wt: 5-15%

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:EYE CO

NTACT: MAY CAUSE IRRITATION.

SKIN CONTACT: MAY CAUSE IRRITATION. INHALATION: MAY CAUSE DIZZINESS, NAUSEA, VOMITING AND HEADACHE. INGESTION: ACUTE ORAL TOXICITY OF THE SOLVENT MIXTURE HAS NOT BEE N MEASURED BUT IS ASSUMED TO BE LOW ON THE BASIS OF KNOWLEDGE OF THE COMPONENTS.

Explanation of Carcinogenicity:NONE SPECIFIED BY MANUFACTURER.

Effects of Overexposure:THERE IS LITTLE OR NO EVIDENCE FOR ADVERSE EFFECTS ON HUMANS DUE TO LONG-TERM EXPOSURE TO VAPORS OF THE COMPONENT

SOLVENTS AT TLV LEVELS OR BELOW. THERE ARE A FEW REPORTS OF DAMAGE TO ANIMAL ORGANS FO R INDIVIDUAL COMPONENTS OF THE SOLVENT MIXTURE, BUY ONLY AT EXPOSURE LEVELS ABOVE THE TLV.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:SKIN:WASH WITH SOAP & WATER. WASH CONTACTED CLOTHING BEFORE REUSE. EYE: FLUSH WITH WATER FOR AT LEAST 15 MINUTES. CONTACT A PHYSICIAN. INHALATION: IF ADVERSE EFFECTS SUCH AS DIZZINESS, NAUSEA, OR IRRITATION ARE NOTED, MOVE TO FRESH AIR. CONTACT PHYSICIAN. INGESTION: IF SWALLOWED, DO NOT INDUCE VOMITING. CONTACT A PHYSICIAN IMMEDIATELY.

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

Flash Point:FLAMMABLE

Extinguishing Media:USE FOAM, CARBON DIOXIDE OR DRY CHEMICAL

Fire Fighting Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS WHEN FIRE FIGHTING IN A CONFINED SPACE.

Unusual Fire/Explosion Hazard:AEROSOLS MAY BURST IF EXPOSED TO

TEMPERATURES ABOVE 120 F. CONTENTS OF AEROSOL CAN ARE UNDER PRESSURE

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

Spill Release Procedures:ELIMINATED ALL SOURCES OF IGNITION. VAPORS ARE HEAVIER THAN AIR AND MAY SPREAD LONG DISTANCES OR COLLECT IN LOW SPOTS. SOAK UP WITH ABSORBENT MATERIAL.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Prec

Precautions:AVOID SKIN CONTACT. STORE INDOORS OUT OF DIRECT SUNLIGHT. DO NOT PUNCTURE OR INCINERATE EMPTY OR FULL CANS. STORE BELOW 120F.

Other Precautions:DO NOT EAT, DRINK OR SMOKE WHILE USING THIS PRODUCT. KEEP AWAY FROM CHILDREN.

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

Respiratory Protection:RESPIRATORS MAY BE USED WHEN ENGINEERING AND WORK PRACTICE CONTROLS ARE NOT TECHNICALLY FEASIBLE. IF THE USE OF RESPIRATOR IS NECESSARY USE ONLY A MSHA/NIOSH APPROVED AIR SUPPLIED

RESPIRATOR OR AN AIR -PURIFYING RESPIRATOR.

Ventilation:LOCAL AND/OR MECHANICAL VENTILATION BE USED TO REDUCE ENVIRONMENTAL CONCENTRATIONS TO THE PERMISSIBLE EXPOSURE LEVELS.

Protective Gloves:IMPERVIOUS SUCH NEOPRENE, NITRILE

Eye Protection:SAFETY GLASSES WITH SIDE SHIELDS

Other Protective Equipment:APPROPRIATE CLOTHING TO AVOID SKIN CONTACT

Work Hygienic Practices:WASH HANDS AFTER EACH USE OF THIS PRODUCT

Supplemental Safety and Health

NONE

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

HCC:V3

Boiling Pt:=237.2C, 459.F

B.P. Text:459F,237C

Vapor Pres:0.80

Vapor Density:1

Spec Gravity:0.92

Evaporation Rate & Reference:1 (ETHER=1)

Solubility in Water:NEGLIGIBLE

Appearance and Odor:BRIGHT YELLOW LIQUID WITH GREEN CAST; MILD OILY ODOR

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

Stability Indicator/Materials to Avoid:YES

STORE AWAY FROM STRONG OXIDIZERS. AVOID CONTACT WITH WATER

Stability Condition to

Avoid:KEEP AEROSOLS AWAY FROM DIRECT SUNLIGHT
AND OTHER HEAT SOURCES.

Hazardous Decomposition Products:HYDROCARBON DECOMPOSITION PRODUCTS AT
ELEVATED TEMPERATURES.

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

Waste Disposal Methods:DISPOSE OF IAW LOCAL, STATE AND FEDERAL
REGULATIONS.THIS PRODUCT DOES FALL UNDER CURRENT EPA RCRA
DEFINITIONS OF HAZARDOUS WASTE WITH DESIGNATION: D001 BECAUSE OF
ITS IGNITABILITY IF PRODUCT IS DISPOS ED OF IN ORIGINAL FORM
& F003
ACETONE

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