

DOD Hazardous Materials Information System
DoD 6050.5-L
AS OF July 1998

FSC: 7930
NIIN: 00N063102
Manufacturer's CAGE: 28745
Part No. Indicator: A
Part Number/Trade Name: DEFOAMER (0598A)

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General Information

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Item Name:
Company's Name: HILLYARD INDUSTRIES
Company's Street: 302 NORTH FOURTH STREET
Company's P. O. Box:
Company's City: ST JOSEPH
Company's State: MO
Company's Country: US
Company's Zip Code: 64501
Company's Emerg Ph #: 800-424-9300 (CHEMTREC)
Company's Info Ph #: 816-233-1321
Distributor/Vendor # 1:
Distributor/Vendor # 1 Cage:
Distributor/Vendor # 2:
Distributor/Vendor # 2 Cage:
Distributor/Vendor # 3:
Distributor/Vendor # 3 Cage:
Distributor/Vendor # 4:
Distributor/Vendor # 4 Cage:
Safety Data Action Code:
Safety Focal Point: N
Record No. For Safety Entry: 001
Tot Safety Entries This Stk#: 001
Status: SMJ
Date MSDS Prepared: 04MAY94
Safety Data Review Date: 05SEP95
Supply Item Manager:
MSDS Preparer's Name:
Preparer's Company:
Preparer's St Or P. O. Box:
Preparer's City:
Preparer's State:
Preparer's Zip Code:
Other MSDS Number:
MSDS Serial Number: BYWLW
Specification Number:
Spec Type, Grade, Class:
Hazard Characteristic Code:
Unit Of Issue:
Unit Of Issue Container Qty:
Type Of Container:
Net Unit Weight:

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NRC/State License Number:
Net Explosive Weight:
Net Propellant Weight-Ammo:
Coast Guard Ammunition Code:

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Ingredients/Identity Information

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Proprietary: NO
 Ingredient: DECYL ALCOHOL
 Ingredient Sequence Number: 01
 Percent: 1-3
 Ingredient Action Code:
 Ingredient Focal Point: N
 NIOSH (RTECS) Number: HE4375000
 CAS Number: 112-30-1
 OSHA PEL: N/K (FP N)
 ACGIH TLV: N/K (FP N)
 Other Recommended Limit: N/K

Proprietary: NO
 Ingredient: WATER
 Ingredient Sequence Number: 02
 Percent: N/K
 Ingredient Action Code:
 Ingredient Focal Point: N
 NIOSH (RTECS) Number: ZC0110000
 CAS Number: 7732-18-5
 OSHA PEL: N/K (FP N)
 ACGIH TLV: N/K (FP N)
 Other Recommended Limit: N/K

Proprietary: NO
 Ingredient: ANTI-FOAMING AGENT
 Ingredient Sequence Number: 03
 Percent: N/K
 Ingredient Action Code:
 Ingredient Focal Point: N
 NIOSH (RTECS) Number: 1001933AF
 CAS Number:
 OSHA PEL: N/K (FP N)
 ACGIH TLV: N/K (FP N)
 Other Recommended Limit: N/K

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Physical/Chemical Characteristics

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Appearance And Odor: WHITISH EMULSION; FRUITY ODOR.
 Boiling Point: >186F,>86C
 Melting Point: N/K
 Vapor Pressure (MM Hg/70 F): 17.5
 Vapor Density (Air=1): 0.6
 Specific Gravity: SUPDAT
 Decomposition Temperature: N/K
 Evaporation Rate And Ref: SUPDAT

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Solubility In Water: APPRECIABLE
 Percent Volatiles By Volume: 98.5
 Viscosity:
 pH: 7.8
 Radioactivity:
 Form (Radioactive Matl):
 Magnetism (Milligauss):
 Corrosion Rate (IPY): N/K
 Autoignition Temperature:

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Fire and Explosion Hazard Data

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Flash Point: 200F,93C
Flash Point Method: N/P
Lower Explosive Limit: N/A
Upper Explosive Limit: N/A
Extinguishing Media: MEDIA SUITABLE FOR SURROUNDING FIRE (FP N).
Special Fire Fighting Proc: USE NIOSH/MSHA APPROVED SCBA & FULL PROTECTIVE EQUIPMENT (FP N).
Unusual Fire And Expl Hazrds: NONE.
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Reactivity Data

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Stability: YES
Cond To Avoid (Stability): NONE KNOWN TO MANUFACTURE.
Materials To Avoid: STRONG ACIDS AND STRONG ALKALIS.
Hazardous Decomp Products: UNDER COMBUSTION CONDITIONS WILL RELEASE CARBON DIOXIDE AND/OR CARBON MONOXIDE AND OXIDES OF SILICA.
Hazardous Poly Occur: NO
Conditions To Avoid (Poly): NOT RELEVANT.
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Health Hazard Data

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LD50-LC50 Mixture: NONE SPECIFIED BY MANUFACTURER.
Route Of Entry - Inhalation: YES
Route Of Entry - Skin: NO
Route Of Entry - Ingestion: YES
Health Haz Acute And Chronic: ACUTE: EYE IRRITATION; MAY CAUSE SKIN IRRITATION (PER FHSA METHOD 16 CFR 1500). CONCENTRATE IRRITATING TO EYE TISSUE IF NOT REMOVED PROMPTLY. FREQUENT OR PROLONGED CONTACT WITH SKIN MAY CAUSE IRRITATION OR DERMATITIS. CHRONIC: PROLONGED OR REPEATED CONTACT MAY PRODUCE SKIN DERMATITIS OR IRRITATION.
Carcinogenicity - NTP: NO
Carcinogenicity - IARC: NO
Carcinogenicity - OSHA: NO
Explanation Carcinogenicity: NOT RELEVANT.
Signs/Symptoms Of Overexp: SEE HEALTH HAZARDS.
Med Cond Aggravated By Exp: NONE SPECIFIED BY MANUFACTURER.
Emergency/First Aid Proc: INGEST:CALL MD IMMEDIATELY (FP N). INHAL: REMOVE TO FRESH AIR. SUPPORT BREATHING (GIVE O*2/ARTF RESP) (FP N). EYES AND SKIN:IN CASE OF CONTACT IMMEDIATELY FLUSH EYES OR SKIN WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES. FOR EYES, GET MEDICAL ATTENTION; FOR SKIN GET MEDICAL ATTENTION IF IRRITATION PERSISTS. REMOVE MATERIAL FROM SKIN AND

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CLOTHING. WASH CLOTHING BEFORE REUSE.

Precautions for Safe Handling and Use

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Steps If Matl Released/Spill: PICK UP WITH MOP OR WET VAC AND WASH AWAY WITH WATER.
Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.
Waste Disposal Method: WASHING DOWN SANITARY SEWER W/LARGER QUANTITY OF H*2O MAY BE PERMISSIBLE. LIQ WASTES ARE NOT PERMITTED IN LANDFILLS. CONSULT LOCAL, STATE & FED AGENCIES FOR PROPER DISPOSAL METHOD IN YOUR AREA. THIS PRODUCT IS NOT CONSIDERED A HAZ WASTE UNDER RCRA.
Precautions-Handling/Storing: PROTECT FROM FREEZING. PROD SHELF LIFE IS BEST RETAINED BY STOR AT 45-100F TEMPS. SPILLS OF CONCENTRATE SHOULD BE PICKED UP W/WET VAC & RINSED THORO.
Other Precautions: THIS PRODUCT CONTAINS NO REPORTABLE QUANTITIES OF TOXIC CHEMICALS SUBJECT TO REPORTING REQUIREMENTS OF SECTION 313 OF SARA TITLE

III EMERGENCY PLANNING AND COMMUNITY RIGHT TO KNOW ACT OF 1986 AND 40 CFR PART 372.

Control Measures

Respiratory Protection: NOT REQUIRED WITH NORMAL METHODS OF USE. NIOSH/MSHA APPROVED RESPIRATOR APPROPRIATE FOR EXPOSURE OF CONCERN (FP N).
Ventilation: LOCAL EXHAUST: NORMALLY ADEQUATE. MECHANICAL: (GENERAL) RECOMMENDED.
Protective Gloves: IMPERVIOUS GLOVES REC W/CONCENTRATE.
Eye Protection: ANSI APPROVED CHEM WORKERS GOGGS (FP N).
Other Protective Equipment: EYE WASH FOUNTAIN & DELUGE SHOWER WHICH MEET ANSI DESIGN CRITERIA (FP N).
Work Hygienic Practices: WASH CONTAMINATED CLOTHING BEFORE REUSE.
Suppl. Safety & Health Data: SPEC GRAV: 25C = 1.00 & 39C = 0.99 (H*20 = 1). EVAP RATE: SLOWER THAN 1 (ETHYL ETHER = 1).

Transportation Data

Transportation Action Code:
Transportation Focal Point:
Trans Data Review Date:
DOT PSN Code:
DOT Symbol:
DOT Proper Shipping Name:
DOT Class:
DOT ID Number:
DOT Pack Group:
DOT Label:
DOT/DoD Exemption Number:
IMO PSN Code:
IMO Proper Shipping Name:
IMO Regulations Page Number:
IMO UN Number:
IMO UN Class:
IMO Subsidiary Risk Label:
IATA PSN Code:

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IATA UN ID Number:
IATA Proper Shipping Name:
IATA UN Class:
IATA Subsidiary Risk Class:
IATA Label:
AFI PSN Code:
AFI Symbols:
AFI Prop. Shipping Name:
AFI Class:
AFI ID Number:
AFI Pack Group:
AFI Label:
AFI Special Prov:
AFI Basic Pac Ref:
MMAC Code:
N.O.S. Shipping Name:
Additional Trans Data:

Disposal Data

Disposal Data Action Code:

Disposal Data Focal Point:
 Disposal Data Review Date:
 Rec # For This Disp Entry:
 Tot Disp Entries Per NSN:
 Landfill Ban Item:
 Disposal Supplemental Data:
 1st EPA Haz Wst Code New:
 1st EPA Haz Wst Name New:
 1st EPA Haz Wst Char New:
 1st EPA Acute Hazard New:
 2nd EPA Haz Wst Code New:
 2nd EPA Haz Wst Name New:
 2nd EPA Haz Wst Char New:
 2nd EPA Acute Hazard New:
 3rd EPA Haz Wst Code New:
 3rd EPA Haz Wst Name New:
 3rd EPA Haz Wst Char New:
 3rd EPA Acute Hazard New:

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 Label Data
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Label Required: YES
 Technical Review Date: 05SEP95
 Label Date: 05SEP95
 MFR Label Number:
 Label Status: G
 Common Name: DEFOAMER (0598A)
 Chronic Hazard: YES
 Signal Word: WARNING!
 Acute Health Hazard-None: X
 Acute Health Hazard-Slight:
 Acute Health Hazard-Moderate:

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Acute Health Hazard-Severe:
 Contact Hazard-None:
 Contact Hazard-Slight:
 Contact Hazard-Moderate: X
 Contact Hazard-Severe:
 Fire Hazard-None:
 Fire Hazard-Slight: X
 Fire Hazard-Moderate:
 Fire Hazard-Severe:
 Reactivity Hazard-None: X
 Reactivity Hazard-Slight:
 Reactivity Hazard-Moderate:
 Reactivity Hazard-Severe:
 Special Hazard Precautions: AVOID EYE AND SKIN CONTACT. ACUTE: CONCENTRATE
 IRRITATING TO EYE TISSUE IF NOT REMOVED PROMPTLY. FREQUENT OR PROLONGED
 CONTACT WITH SKIN MAY CAUSE IRRITATION OR DERMATITIS. CHRONIC: PROLONGED OR
 REPEATED CONTACT MAY PRODUCT SKIN DERMATITIS OR IRRITATION.
 Protect Eye: Y
 Protect Skin: Y
 Protect Respiratory: Y
 Label Name: HILLYARD INDUSTRIES
 Label Street: 302 NORTH FOURTH STREET
 Label P.O. Box:
 Label City: ST JOSEPH
 Label State: MO
 Label Zip Code: 64501

Label Country: US
Label Emergency Number: 800-424-9300 (CHEMTREC)
Year Procured: