

HULS AMERICA INC. -- MIL-H-46170B TYPE 2

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MSDS Safety Information
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FSC: 9150
NIIN: 01-131-3325
MSDS Date: 02/21/1991
MSDS Num: BPPFJ
Product ID: MIL-H-46170B TYPE 2
MFN: 02
Responsible Party
Cage: 0DH22
Name: HULS AMERICA INC.
Address: TURNER PLACE,
Box: 365
City: PISCATAWAY NJ 08854
Info Phone Number: 201-763-7173
Emergency Phone Number: 201-763-7173
Proprietary Ind: Y
Review Ind: Y
Published: Y

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Contractor Summary
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Cage: 0DHB8
Name: HUL AMERICA INC
Address: TURNER PLACE
Box: 365
City: PISCATAWAY NJ 08854-0365
Phone: 201-763-7173
Cage: 0DH22
Name: HULS AMERICA INC
Address: TURNER PLACE
Box: 365
City: PISCATAWAY NJ 08854-0365
Phone: 908-981-5016
Cage: 63182
Name: HU

LS AMERICA INC
Address: TURNER PLACE
Box: 365
City: PISCATAWAY NJ 08855
Phone: 201-763-7173

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Item Description Information
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Item Manager: S9G
Item Name: HYDRAULIC FLUID,FIRE RESISTANT
Specification Number: MIL-H-46170B
Type/Grade/Class: TYPE II
Unit of Issue: CN
Quantitative Expression: 00000000005GL
UI Container Qty: 0
Type of Container: CAN
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Ingredients
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Name: *** PROPRIETARY ***

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Health Hazards Data
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LD50 LC50 Mixture: UNKNOWN
Route Of Entry Inds - Inhalation: YES
Skin: YES
Ingestion: NO
Carcinogenicity Inds - NTP: NO
IARC: NO
OSHA: NO
Effects of Exposure: ACUTE- LOW ORAL AND DERMAL TOXICITY. MISTS OR FUMES FROM EXCESSIVE HEATING MAY CAUSE EYE, SKIN AND RESPIRATORY TRACT IRRITATION, NAUSEA, VOMITING. BARIUM COMPOUND IS A MODERATE SKIN IRRITANT AND IS CORROSIVE TO EYES. CHRONIC- NONE KNOWN.
Signs And Symptoms Of Overexposure: LOW ORAL AND DERMAL TOXICITY. MISTS OR FUMES FROM EXCESSIVE HEATING MAY CAUSE EYE, SKIN AND RESPIRATORY TRACT IRRITATION, NAUSEA, VOMITING. BARIUM COMPOUND IS A MODERATE SKIN IRRITANT AND IS CORROSIVE TO EYES.
Medical Cond Aggravated By Exposure: PRE-EXISTING SKIN DISORDERS MAY BE M

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SUSCEPTIBLE TO THIS MATERIAL.

First Aid: CONSULT PHYSICIAN IF SYMPTOMS PERSIST. EYE:FLUSH WITH WATER FOR 15 MINUTES, HOLDING EYELIDS OPEN. SKIN:WASH WITH SOAP & WATER.

INHALATION:REMOVE TO FRESH AIR. PROVIDE CPR/OXYGEN IF NEEDED. INGESTION:DO NOT INDUCE VOMITING. CONTACT PHYSICIAN.

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Handling and Disposal
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Spill Release Procedures: WEAR PROTECTIVE EQUIPMENT. ELIMINATE SOURCES OF

IGNITION. VENTILATE THE AREA. CONTAIN THE SPILL. PICK UP LARGE SPILL WITH NON-SPARKING TOOLS; SMALL SPILLS/RESIDUE WITH INERT ABSORBENT MATERIAL. PLACE IN CONTAINERS. PREVENT ENTERING WATERWAYS/SEWERS.

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

Handling And Storage Precautions: STORAGE- STORE IN COOL, VENTILATED AREA. DO NOT USE OIL ABOVE THE MAXIMUM RECOMMENDED TEMPERATURE OF 430F.

Other Precautions: KEEP CONTAINER CLOSED.

WASH THOROUGHLY AFTER HANDLING. AVOID

CONTACT WITH EYES, SKIN AND CLOTHING. KEEP OUT OF REACH OF CHILDREN. MAY SOFTEN SOME PLASTIC AND PAINT SURFACES. WIPE UP SPILLS IMMEDIATELY .

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Fire and Explosion Hazard Information
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Flash Point Method: COC

Flash Point Text: 430F,221C

Extinguishing Media: WATER FOG, CARBON DIOXIDE, FOAM OR DRY CHEMICAL. WATER SPRAY MAY BE USED TO KEEP FIRE EXPOSED CONTAINERS COOL.

Fire Fighting Procedures: WEAR FULL PROTECTIVE CLOTHING AND NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS WITH FULL FACEPIECE OPERATED IN THE POSITIVE PRESSURE MODE.

Unusual Fire/Explosion Hazard: CONTAINERS MAY RUPTURE DUE TO VAPOR PRESSURE BUILDUP.

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Control Measures
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Respiratory Protection: WEAR NIOSH-APPROVED RESPIRATOR WITH ORGANIC VAPOR CARTRIDGES

R SELF CONTAINED BREATHING APPARATUS IF MATERIAL IS HEATED.
Ventilation: MECHANICAL (GENERAL AND/OR LOCAL EXHAUST, EXPLOSION-PROOF)
VENTILATION TO MAINTAIN EXPOSURE BELOW TLV(S).
Protective Gloves: NATURAL RUBBER, NITRILE
Eye Protection: SAFETY GOGGLES
Other Protective Equipment: EYE WASH STATION, QUICK DRENCH SHOWER AND
IMPERVIOUS CLOTHING
Work Hygienic Practices: PRACTICE GOOD HYGIENIC PROCEDURE. WASH THOROUGHLY
BEFORE EATING OR DRINKING. USE WITH ADEQUATE VENTILATION.
Supplemental Safety and Health: FORMULA CHANGED. FOR PREVIOUS FORMULATION, SEE
PNI A UNDER THE SAME NSN.

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Physical/Chemical Properties
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HCC: V6
Decomp Text: UNKNOWN
Spec Gravity: 0.842
Solubility in Water: NEGLIGIBLE
Appearance and Odor: RED LIQUID
Corrosion Rate: UNKNOWN

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Reactivity Data
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Stability Indicator: YES
Stability Condition To Avoid: EXCESSIVE HEAT
Materials To Avoid: STRONG OXIDIZERS
Hazardous Decomposition Products: TOXIC FUMES
Hazardous Polymerization Indicator: NO
Conditions To Avoid Polymerization: NOT RELEVANT

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Toxicological Information
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Ecological Information
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MSDS Transport Information
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Regulatory Information
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Other Information
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Transportation Information

on

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Responsible Party Cage: 0DH22
Trans ID NO: 109667
Product ID: MIL-H-46170B TYPE 2
MSDS Prepared Date: 02/21/1991
Review Date: 12/22/1992
MFN: 2
Net Unit Weight: 35.1 LBS
Multiple KIT Number: 0
Review IND: Y
Unit Of Issue: CN
Container QTY: 0
Type Of Container: CAN
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Detail DOT Information
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DOT PSN Code: ZZZ
DOT Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION
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Detail IMO Information
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IMO PSN Code: ZZZ
IMO Proper Shipping Name: NOT REGULATED FOR THIS MODE OF TRANSPORTATION
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Detail IATA Information
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IATA PSN Code: ZZZ
IATA Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION
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Detail AFI Information
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AFI PSN Code: ZZZ
AFI Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION
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HAZCOM Label
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Product ID: MIL-H-46170B TYPE 2
Cage: 0DH22
Company Name: HULS AMERICA INC
Street: TURNER PLACE
PO Box: 365
City: PISCATAWAY NJ
Zipcode: 08854-03

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Health Emergency Phone: 201-763-7173

Label Required IND: Y

Date Of Label Review: 12/22/1992

Status Code: C

MFG Label NO: UNKNOWN

Label Date: 12/22/1992

Year Procured: 1993

Origination Code: F

Eye Protection IND: YES

Skin Protection IND: YES

Signal Word: CAUTION

Health Hazard: Slight

Contact Hazard: Slight

Fire Hazard: Slight

Reactivity Hazard: None

Hazard And Precautions: ACUTE- LOW ORAL AND DERMAL TOXICITY. MISTS OR FUMES FROM EXCESSIVE HEATING MAY CAUSE EYE, SKIN AND RESPIRATORY TRACT IRRITATION,

NAUSEA, VOMITING. BARIUM COMPOUND IS A MODERATE SKIN IRRITANT AND IS CORROSIVE TO EYES. CHRONIC- NONE KNOWN. STORAGE- STORE IN COOL, VENTILATED AREA. DO NOT USE OIL ABOVE THE MAXIMUM RECOMMENDED TEMPERATURE OF 430F. FIRST AID- CONSULT PHYSICIAN IF SYMPTOMS PERSIST. EYE: FUSH WITH WATER FOR 15 MINUTES, HOLDING EYELIDS OPEN. SKIN: WASH WITH SOAP & WATER. INHALATION: REMOVE TO FRESH AIR. PROVIDE CPR/OXYGEN IF NEEDED. INGESTION: DO NOT INDUCE VOMITING. CONTACT PHYSICIAN.

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