

HULS AMERICA INC -- MIL-H-46170B TYPE 2 HYDRAULIC FLUID

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MSDS Safety Information  
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FSC: 9150  
NIIN: 00-111-6254  
MSDS Date: 02/21/1991  
MSDS Num: BQDGY  
Product ID: MIL-H-46170B TYPE 2 HYDRAULIC FLUID  
MFN: 02  
Responsible Party  
Cage: 63182  
Name: HULS AMERICA INC  
Address: 80 CENTENNIAL AVE  
Box: 456  
City: P  
ISCATAWAY NJ 08855-0456  
Info Phone Number: 201-980-6800  
Emergency Phone Number: 201-980-6800  
Preparer's Name: P.A. PARKER  
Proprietary Ind: Y  
Review Ind: Y  
Published: Y

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Contractor Summary  
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Cage: 63182  
Name: HULS 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-46170  
Type/Grade/Class: I TYPE  
Unit of Issue: GL  
UI Container Qty: 1  
Type of Container: 1A1

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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: ORAL LD50 (RAT) IS UNKNOWN

Route Of Entry Inds - Inhalation: YES

Skin: NO

Ingestion: NO

Carcinogenicity Inds - NTP: NO

IARC: NO

OSHA: NO

Effects of Exposure: ACUTE: CONTACT MAY CAUSE SKIN AND EYE IRRITATION.

INHALATION MAY CAUSE RESPIRATORY TRACT IRRITATION. INGESTION MAY CAUSE GI TRACT IRRITATION. CHRONIC: NONE SPECIFIED BY MANUFACTURER.

Explanation Of Carcinogenicity: NO INGREDIENT OF A CONCENTRATION OF 0.1% OR GREATER I

S LISTED AS A KNOWN CARCINOGEN OR SUSPECTED CARCINOGEN.

Signs And Symptoms Of Overexposure: INHALED: COUGHING, WHEEZING, SNEEZING, SHORTNESS OF BREATH. EYES: PAIN, BURNING SENSATION, TEARING, BLURRED VISION. SKIN: REDNESS, DISCOMFORT. SWALLOWING, NAUSEA, VOMITING.

Medical Cond Aggravated By Exposure: NONE SPECIFIED BY MANUFACTURER.

First Aid: INHALED: MOVE TO FRESH AIR. GIVE RESUSCITATION IF BREATHING STOPPED. GIVE OXYGEN IF BREATHING DIFFICULT. SEE DOCTOR. EYES: FLUSH WITH LOTS OF WATE

R FOR 15 MINUTES, HOLD LIDS OPEN. SEE DOCTOR. SKIN: RE MOVE CONTAMINATED CLOTHES. WASH WITH SOAP AND WATER. IF SYMPTOMS PERSIST, SEE DOCTOR. INGESTED: DO NOT INDUCE VOMITING! GET IMMEDIATE MEDICAL ATTENTION.

#### Handling and Disposal

Spill Release Procedures: COVER WITH INERT, ABSORBENT MATERIAL AND PLACE IN A DISPOSAL CONTAINER. DO NOT ALLOW INTO SEWERS OR WATERWAYS.

Neutralizing Ag

ent: NONE SPECIFIED BY MANUFACTURER.

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

Handling And Storage Precautions: DO NOT USE ABOVE 430F. WIPE UP SPILLS IMMEDIATELY.

Other Precautions: AVOID EYE AND SKIN CONTACT.

#### Fire and Explosion Hazard Information

Flash Point Method: COC

Flash Point Text: 430F,221C

Lower Limits: UNKNOWN

Upper Limi

ts: UNKNOWN

Extinguishing Media: WATER FOG, DRY CHEMICAL, FOAM, OR CARBON DIOXIDE

Fire Fighting Procedures: WEAR SELF-CONTAINED BREATHING APPARATUS AND FULL TURN-OUT GEAR OT FIGHT FIRE. AVOID SPREADING LIQUID AND FIRE BY WATER FLOODING.

Unusual Fire/Explosion Hazard: EXPOSURE TO HEAT. BUILDS UP PRESSURE IN CLOSED CONTAINERS. COOL WITH WATER SPRAY.

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Control Measures  
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Respiratory Pr

rotection: IF OVERHEATED; USE NIOSH/MSHA APPROVED RESPIRATOR. USE IN ACCORDANCE WITH 29 CFR 1910.134.

Ventilation: USE LOCAL EXHAUST/ADEQUATE MECHANICAL VENTILATION TO MAINTAIN EXPOSURE TO AIRBORNE MATERIAL BELOW REGULATORY LIMITS.

Protective Gloves: RUBBER

Eye Protection: SAFETY GLASSES/CHEMICAL SPLASH GOGGLES

Other Protective Equipment: EYE WASH STATION & SAFETY SHOWER.

Work Hygienic Practices: WASH HANDS AFTER USE AND BEFORE EATING, DRINKING, OR SMOKING. LAUNDER CONTAMINATED CLOTHES BEFO RE REUSE.

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Physical/Chemical Properties  
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HCC: V6

B.P. Text: UNKNOWN

M.P/F.P Text: UNKNOWN

Decomp Text: UNKNOWN

Vapor Pres: UNKNOWN

Vapor Density: UNKNOWN

Spec Gravity: 0.842( WATER=1)

Evaporation Rate & Reference: UNKNOWN

Solubility in Water: NEGLIGIBLE

Appearance and Odor: RED LIQUID

Percent Volatiles by Volume: 0

Corrosion Rate: UNKNOWN

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Reactivity Data  
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Stability Indicator: YES

Stability Condition To Avoid: CONTACT WITH STRONG OXIDIZING AGENTS. TEMPERATURES ABOVE 430F.

Materials To Avoid: STRONG OXIDIZING AGENTS

Hazardous Decomposition Products: BURNING WILL PRODUCE TOXIC FUMES.

Hazardous Polymerization Indicator: NO

Conditions To Avoid Polymerization: NONE

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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  
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Responsible Party Cage: 63182  
Trans ID NO: 48089  
Product ID: MIL-H-46170B TYPE 2 HYDRAULIC FLUID  
MSDS Prepared Date: 02/21/1991  
Review Date: 03/22/1993  
MFN: 2  
Net Unit Weight: 7.0 LBS  
Multiple KIT Number: 0  
Review IND: Y  
Unit Of Issue: GL  
Container QTY: 1  
Type Of Container: 1A1  
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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

IATA PSN Code: ZZZ

IATA Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION

Detail AFI Information

AFI PSN Code: ZZZ

AFI Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION

HAZCOM Label

Product ID: MIL-H-46170B TYPE 2 HYDRAULIC FLUID

Cage: 63182

Company Name: HULS AMERICA INC

Street: TURNER PLACE

PO Box: 365

City: PISCATAWAY NJ

Zipcode: 08855

Health Emergency Phone: 201-980-6800

Label Required IND: Y

Date Of Label Review: 03/22/1993

Status Code: C

Label Date: 03/22/1993

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

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rd And Precautions: COMBUSTIBLE LIQUID. CONTACT MAY CAUSE SKIN AND EYE IRRITATION. INHALATION MAY CAUSE RESPIRATORY TRACT IRRITATION. INGESTION MAY CAUSE GI TRACT IRRITATION. DO NOT USE ABOVE 430F. WIPE UP SPILLS IMMEDIATELY. FIRST AID: INHALED: MOVE TO FRESH AIR. GIVE RESUSCITATION IF BREATHING STOPPED. GIVE OXYGEN IF BREATHING DIFFICULT. SEE DOCTOR. EYES: FLUSH WITH LOTS OF WATER FOR 15 MINUTES, HOLD LIDS OPEN. SEE DOCTOR. SKIN: REMOVE CONTAMINATED CLOTHES. WASH WITH SOAP AND WATER

R. IF SYMPTOMS PERSIST, SEE

DOCTOR. INGESTED: DO NOT INDUCE VOMITING! GET IMMEDIATE MEDICAL ATTENTION.

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