

OCTAGON PROCESS INC.

-- HYDRAULIC FLUID,A-A-59290

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MSDS Safety Information
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FSC: 9150
NIIN: 00-224-8729
MSDS Date: 06/14/1999
MSDS Num: CJQCW
Product ID: HYDRAULIC FLUID,A-A-59290
MFN: 02
Responsible Party
Cage: 82925
Name: OCTAGON PROCESS INC.
Address: 596 RIVER ROAD
City: EDGEWATER NJ 07020-1105
Info Phone Number: 201-945-9400
Emergency Phone Number: 201-417-1056

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Item Description Information
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Item Manager: S9G
Item Name: HYDRAULIC FLUID,ARRESTING GEAR
Specification Number: MIL-H-5559A/WEPS/
Type/Grade/Class: NONE
Unit of Issue: CN
Quantitative Expression: 00000000005GL
UI Container Qty: 5 GAL
Type of Container: CAN

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Ingredients
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Cas: 107-21-1
RTECS #: KW2975000
Name: ETHYLENE GLYCOL (SARA III)
% Wt: 95 %
Other REC Limits: NONE SPECIFIED
OSHA PEL: C 50 PPM
ACGIH TLV: C 50 PPM,VAPOR; 9192
EPA Rpt Qty: 1 LB
DOT Rpt Qty: 1 LB

RTECS #: 1001272UC
Name: UNIDENTIFIED COMPONENT
% Wt: 5%
Other REC Limits: NONE SPECIFIED
OSHA PEL: UNKNOWN
ACGIH TLV: UNKNOWN

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Health Hazards Data
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LD50 LC50 Mixture: NOT SPECIFIED BY MANUFACTURER.
Route Of Entry Inds - Inhalation: YES
Skin: YES
Ingestion: NO
Carcinogenicity Inds - NTP: NO
IARC: NO
OSHA: NO

Effects of Exposure: EYE IRRITATION, CHEMICAL CONJUNCTIVITIS, SKIN IRRITATION, PROLONGED OR REPEATED SKIN CONTACT MAY CAUSE DRYNESS AND DERMATITIS, CENTRAL NERVOUS SYSTEM STIMULATION/DEPRESSION, GASTROINTESTINAL DISTURBANCES, CHRONIC KIDNEY DAMAGE WHICH CAN BE FATAL.

Explanation Of Carcinogenicity: PRODUCT CONTAINS NO INGREDIENTS CURRENTLY CLASSIFIED AS CARCINOGENIC BY NTP, IARC OR OSHA.

Signs And Symptoms Of Overexposure: EYE IRRITATION, ITCHING, REDNESS, SKIN IRRITATION, DRYNESS, DEPRESSION, DIZZINESS, LIGHTHEADEDNESS, GASTROINTESTINAL

PAIN, NAUSEA, VOMITING, CHRONIC KIDNEY DAMAGE, DEATH/

Medical Cond Aggravated By Exposure: NO DATA AVAILABLE

First Aid: EYES: FLOOD WITH WATER FOR AT LEAST 15 MINUTES. IF IRRITATION PERSISTS, GET IMMEDIATE MEDICAL ATTENTION. SKIN: WASH WITH MILD SOAP AND WATER. IF IRRITATION OCCURS AND PERSISTS, GET MEDICAL ATTENTION. INGESTION: INDUCE VOMITING. ADMINISTER 4 -8 OUNCES OF WATER TO DILUTE STOMACH CONTENTS. GET IMMEDIATE MEDICAL ATTENTION.

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Handling and Disposal
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Spill Release Procedures: DIKE AND CONTAIN SPILL. ABSORB PRODUCT WITH INERT MATERIAL AND PLACE INTO PROPER CONTAINERS FOR DISPOSAL. DO NOT ALLOW ANY MATERIAL TO ENTER DRAINS, SEWERS OR WATER WAYS. COMPLY WITH ALL SPILL NOTIFICATION REGULATIONS.

Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.

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

Handling And Storage Precautions: STORE IN COOL, DRY PLACE. KEEP CONTAINERS CLOSED WHEN NOT IN USE. DO NOT CONTAMINATE PRODUCT WITH WATER.

Other Precautions: NONE SPECIFIED BY MANUFACTURER.

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Fire and Explosion Hazard Information
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Flash Point Method: COC

Flash Point: =111.1C, 232.F

Lower Limits: 3.2 %

Upper Limits: NOT GIVEN

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

Fire Fighting Procedures: KEEP FIRE EXPOSED CONTAINERS COOL WITH WATER SPRAY.

Unusual Fire/Explosion Hazard: NONE SPECIFIED BY MANUFACTURER.

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Control Measures
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Respiratory Protection: IF WORKING IN A CONFINED SPACE OR MISTING IS OCCURRING, USE NIOSH-APPROVED RESPIRATORY PROTECTION (29 CFR 1910.134).

Ventilation: LOCAL EXHAUST AND MECHANICAL (FANS)

Protective Gloves: RUBBER

Eye Protection: SAFETY GLASSES OR GOGGLES

Other Protective Equipment: LOCAL EMERGENCY SHOWERS AND EYE WASH STATIONS

Work Hygienic Practices: WASH HANS AND FACE AFTER HANDLING PRODUCT. LAUNDRER CONTAMINATED CLOTHING BEFORE RE-USE.

Supplemental Safety and Health: LAUNDRER CONTAMINATED CLOTHING BEFORE RE-USE.

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Physical/Chemical Properties
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HCC: V6

Boiling Point: =171.1C, 340.F

M.P/F.P Text: NOT GIVEN

Decomp Text: UNKNOWN
Vapor Pres: 0.60 MMHG
Vapor Density: 2.1
Spec Gravity: 1.12
Solubility in Water: APPRECIABLE
Appearance and Odor: YELLOW TO LIGHT AMBER LIQUID, MILD ODOR
Corrosion Rate: UNKNOWN

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Reactivity Data
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Stability Indicator: YES
Materials To Avoid: STRONG OXIDIZERS
Hazardous Decomposition Products: CARBON MONOXIDE UPON INCOMPLETE COMBUSTION
Hazardous Polymerization Indicator: NO
Conditions To Avoid Polymerization: NONE. WILL NOT OCCUR.

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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: 82925
Trans ID NO: 149290
Product ID: HYDRAULIC FLUID,A-A-59290
MSDS Prepared Date: 06/14/1999
Review Date: 10/17/1999
MFN: 2
Net Unit Weight: 5 GAL
Multiple KIT Number: 0
Unit Of Issue: CN
Container QTY: 5 GAL
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: HYDRAULIC FLUID,A-A-59290

Cage: 82925

Company Name: OCTAGON PROCESS INC.

Street: 596 RIVER ROAD

City: EDGEWATER NJ

Zipcode: 07020

Health Emergency Phone: 201-417-1056

Label Required IND: Y

Date Of Label Review: 10/17/1999

Status Code: A

Origination

Eye Protection IND: YES

Skin Protection IND: YES

Signal Word: WARNING

Respiratory Protection IND: YES

Health Hazard: Moderate

Contact Hazard: Slight

Fire Hazard: None

Reactivity Hazard: None

Hazard And Precautions: PRODUCT CONTAINS ETHYLENE GLYCOL. TARGET ORGANS:
EYES,LUNGS, KIDNEY, LIVER. ACUTE EFFECT: MILDLY IRRITATING TO SKIN AND
LUNGS. CAN CAUSE GIDDINESS, HEADACHE, DIZZINESS AND NAUSEA. MODERATELY
IRRITATING TO EYES. CHRONIC EFFECT: HARMFUL OR FATAL IF SWALLOWED. IF
SWALLOWED, CAN CAUSE CENTRAL NERVOUS SYSTEM DEPRESSION, AND IN EXTREME
CASES, UNCONSCIOUSNESS AND EVEN DEATH. KIDNEY AND LIVER DAMAGE MAY ALSO
OCCUR.

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