

HENKEL CORPORATION -EMERY GROUP -- EMERY 2863 MIL-H-83282 HYDRAULIC FLUID --  
9150-01-281-6191

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===== Product Identification =====

Product ID:EMERY 2863 MIL-H-83282 HYDRAULIC FLUID  
MSDS Date:01/16/1990  
FSC:9150  
NIIN:01-281-6191  
MSDS Number: BWMJQ  
=== Responsible Party ===  
Company Name:HENKEL CORPORATION -EMERY GROUP  
Address:4900 ESTE AVENUE  
City:CINCINNATI  
State:OH  
ZIP:45232  
Country:US  
Info Phone  
Num:513-482-2297  
Emergency Phone Num:513-482-2297  
Preparer's Name:ROBERT E. BORGERDING  
CAGE:0JS01  
=== Contractor Identification ===  
Company Name:COGNIS CORP  
Address:5051 ESTECREEK DR  
Box:City:CINCINNATI  
State:OH  
ZIP:45232  
Country:US  
Phone:513-482-2814; 800-543-7370  
CAGE:0JS01

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===== Composition/Information on Ingredients =====

Ingred Name:NO INGREDIENT FOR THIS FORMULATION\_INGREDIENT

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===== Hazards Identification =====

LD50 LC50 Mixture:TLV:

NO ACGIH TLV

Routes of Entry: Inhalation:NO Skin:NO Ingestion:NO

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:INHALATION: UNKNOWN. INGESTION: UNKNOWN. EYE CONTACT: NOT CLASSIFIED AS IRRITANT BY OCULAR APPLICATION. SKIN CONTACT: NOT CLASSIFIED AS PRIMARY IRRITANTS OR AS CORROSIVE MATERIAL.

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

Effects of Overexposure:NONE SPECIFIED BY MANUFACTURER.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:INGESTION: DO NOT INDUCE VOMITING. IF VICTIM IS CONSCIOUS AND ABLE TO SWALLOW, PROMPTLY HAVE VICTIM DRINK WATER TO DILUTE. DO NOT GIVE SODIUM BICARBONATE, FRUIT JUICES OR VINEGAR. NEVER GIVE ANYTHING BY MOUTH IF VICTIM IS UNCONSCIOUS OR HAVING CONVULSIONS. CALL A PHYSICIAN OR POISON CONTROL CENTER. SKIN: WAS NOT AFFECTED. AREA. EYES: IMMEDIATELY FLUSH WITH WATER. INHALATION: REMOVE VICTIM TO FRESH AIR

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

Flash Point Method:COC

Flash Point:440F,227C

Extinguishing Media:USE WATER SPRAY, DRY CHEMICAL, FOAM OR CARBON DIOXIDE. WATER MAY BE INEFFECTIVE BUT SHOULD BE USED TO KEEP DRUMS COOL.

Fire Fighting Procedures:FIREFIGHTERS SHOULD WEAR SELF-CONTAINED BREATHING APPARATUS IN THE POSITIVE PRESSURE MODE WITH A FULL FACE MASK WHEN THERE IS AN EXPOSURE TO SMOKE, FUMES.

Unusual Fire/Explosion Hazard:IF A SPILL OR LEAK HAS NOT IGNITED, USE WATER SPRAY TO DISPERSE THE VAPORS. WATER SPRAY MAY BE USED TO FLUSH SPILLS AWAY FROM FIRE.

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

Spill Release Procedures:WEAR APPROPRIATE RESPIRATORY PROTECTION AND PROTECTIVE CLOTHING. CONTAIN SPILLED MATERIAL. TRANSFER TO SECURE CONTAINERS. WHERE NECESSARY, COLLECT USING ABSORBENT MEDIA.

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Handling and Storage  
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Handling and Storage Precautions:NO SPECIAL PRECAUTIONS NECESSARY.  
Other Precautions:IN THE EVENT OF AN UNCONTROLLED RELEASE OF THIS MATERIAL, THE USER SHOULD DETERMINE IF THE RELEASE IS REPORTABLE UNDER APPLICABLE LAWS AND REGULATIONS.

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Exposure Controls/Personal Protection  
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Respiratory Protection:WHERE EXPOSURE IS LIKELY TO EXCEED ACCEPTABLE CRITERIA, USE NIOSH/OSHA APPROVED RESPIRATORY EQUIPMENT.  
RESPIRATORS SHOULD BE SELECTED BASED ON THE FORM AND CONCENTRATION OF CONTAMINANT IN AIR AND IN ACCORDANCE WITH OSHA (29 CFR 1910.134).

Ventilation:HANDLE IN THE PRESENCE OF ADEQUATE VENTILATION.

Protective Gloves:WEAR IMPERVIOUS GLOVES

Eye Protection:SAFETY GLASSES, CHEMICAL SAFETY GOGGLES

Other Protective Equipment:PROTECTIVE CLOTHING IMPERVIOUS TO THE PRODUCT FOR THE DURATION OF THE ANTICIPATED EXPOSURE.

Work Hygienic Practices:NONE SPECIFIED BY MANUFACTURER.

Supplemental Safety and Health  
AVOID UNCONTROLLED RELEASES OF THIS MATERIAL. WHERE SPILLS ARE POSSIBLE, A COMPREHENSIVE SPILL RESPONSE PLAN SHOULD BE DEVELOPED AND IMPLEMENTED.

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Physical/Chemical Properties  
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HCC:V6

Boiling Pt:B.P. Text:>540F,>282C

Melt/Freeze Pt:M.P/F.P Text:-85F,-65C

Vapor Pres: