

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

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Product Identification  
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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 Number: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  
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Ingred Name:NO INGREDIENT FOR THIS FORMULATION\_INGREDIENT

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Hazards Identification  
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LD50 LC50 Mixture:TLV: N

O 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 SPEC  
IFIED 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: WASH  
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

PIECE 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: