

HENKEL CORPORATION -EMERY GROUP -- EMERY 2859 MIL-H-83282 HYDRAULIC FLUID --
9150-00-149-7431

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

Product ID:EMERY 2859 MIL-H-83282 HYDRAULIC FLUID

MSDS Date:07/02/1991

FSC:9150

NIIN:00-149-7431

MSDS Number: BRQBQ

=== Responsible Party ===

Company Name:HENKEL CORPORATION -EMERY GROUP

Address:4900 ESTE AVENUE

City:CINCINNATI

State:OH

ZIP:45232

Country:US

Info Phone N

um:513-482-2297

Emergency Phone Num:513-482-2297

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

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

Ingred Name:PROPRIETARY COMPONENT

Fraction by Wt: 100%

Other REC Limits:NONE RECOMMENDED

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

LD50 LC50 Mixture:TLV: 5 MG/M3

; STE: 10 MG/M3 (OIL MIST)

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

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

Health Hazards Acute and Chronic:INGESTION: THE MATERIAL IS NOT CLASSIFIED AS TOXIC BY ORAL ADMINISTRATION AS DEFINED IN 16 CFR 1500. EYE CONTACT: SIMILIAR PRODUCTS WITH SIMILIAR ADDITIVE PACKAGES WERE NOT CLASSIFIED AS IRRITANTS BY OCCULAR APPLICATION. SKIN CONTACT: THISMATERIAL IS NOT CLASSIFIED AS A PRIMARY IRRITANT OR AS CORROSIVE PER 1

6 CFR 1500

Explanation of Carcinogenicity:NOT CARCINOGENIC.

Effects of Overexposure:LOW TOXICITY & LOW HAZARD TO HEALTH.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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First Aid Measures
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First Aid:SWALLOWING-DO NOT INDUCE VOMITING. IF CONSCIOUS, PROMPTLY GIVE WATER TO DILUTE. DO NOT GIVE SODIUM BICARBONATE, FRUIT JUICE OR VINEGAR. CALL PHYSICIA. SKIN-WASH AFFECTED AREA. EYE-FLUSH EYES WITH PLEN TY OF COOL WATER FOR AT LEAST 15 MIN. DO NOT RUB EYES. INHALATION-REMOVE TO FRESH AIR. IF BREATHING HAS STOPPED GIVE SRTIFICIAL RESPIRATION, PREFERABLY MOUTH-TO-MOUTH. CALL DOCTOR.

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Fire Fighting Measures
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Flash Point Method:COC

Flash Point:400F,204C

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

Fire Fighting Procedures:IF A SPILL OR LEAK HAS NOT IGNITED, USE WATER

SPRAY TO DISPERSE VAPORS. WATER SPRAY MAY BE USED TO FLUSH SPILLS AWAY FROM FIRE.

Unusual Fire/Explosion Hazard:FIREFIGHTERS SHOULD WEAR SELF-CONTAINED BREATHING APPARATUS IN THE POSITIVE PRESSURE MODE WITH A FULL FACEPIECE WHEN THERE IS A POSSIBILITY OF EXPOSURE TO FUMES

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Accidental Release Measures
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Spill Release Procedures:WEAR APPRPRIATE RESPIRATORY PROTECTION & PROTECTIVE CLOTHING. CONTAIN SPILLED MATERIAL. TRANSFER TO SECURE

CONTAINERS. WHERE NECESSARY, COLLECT USING ABSORBENT MEDIA. AVOID UNCONTROLLED RELEASES OF THIS MATERIAL.

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===== Handling and Storage =====

Handling and Storage Precautions:PROTECT FROM PHYSICAL DAMAGE. KEEP CONTAINERS TIGHTLY CLOSED.

Other Precautions:NONE

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===== Exposure Controls/Personal Protection =====

Respiratory Protection:WHERE EXPOSURE IS LIKELY TO EXCEED ACCEPTABLE CRITERIA, USE NIOSH/OSHA APPROVED RESPIRATORY EQUIPMENT.

RESPIRATORS SHOULD BE SELECTED BASED ON THE FORM & CONCENTRATION OF CONTAMINANT IN AIR & IN ACCORDANCE WITH OSHA.

Ventilation:HANDLE IN THE PRESENCE OF ADEQUATE VENTILATION.

Protective Gloves:WEAR GLOVES THAT ARE IMPERVIOUS.

Eye Protection:WEAR CHEMICAL GOGGLES.

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

Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING.

Supplemental Safety and Health

NONE

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===== Physical/Chemical Properties =====

HCC:V6

Melt/Freeze Pt:M.P/F.P Text:-68F,-56C

Vapor Pres: