

HENKEL CORPORATION-EMERY GROUP -- EMGARD 2809-A SAE OW-20 SYNTHETIC ARCTIC LUBRICANT -- 9150-00-402-2372

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

Product ID:EMGARD 2809-A SAE OW-20 SYNTHETIC ARCTIC LUBRICANT

MSDS Date:01/03/1997

FSC:9150

NIIN:00-402-2372

Status Code:A

MSDS Number: CLLYM

=== 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

Chemtec Ind/Phone:(800)424-9300

CAGE:DO342

==== Contractor Identification ====

Company Name:HENKEL CORPORATION-EMERY GROUP

Address:4900 ESTE AVENUE

City:CINCINNATI

State:OH

ZIP:45232

Country:US

Phone:513-482-2297

CAGE:DO342

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

Ingred Name:PROPRIETARY POLYALPHAOLEFIN

Other REC Limits:NOT PROVIDED

OSHA PEL:NONE

ACGIH TLV:NONE

Ingred Name:PROPRIETARY DIESTER

Other REC Limits:NOT PROVIDED

OSHA PEL:NONE

ACGIH TLV:NONE

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

LD50 LC50 Mixture:LC50 (INHALATION, RAT) 4.68 MG/L/1 HR
Health Hazards Acute and Chronic:INHALATION: PRODUCT MAY BE CONSIDERED
NON-HAZARDOUS FOR ALL PRACTICAL PURPOSES BY INHALATION. INGESTION:
PRODUCT IS NOT CLASSIFIED AS TOXIC BY ORAL ADMINISTRATION AS
DEFINED IN 16 CFR 1500. EYE CONTACT: THE PRODUCT IS NO
T CLASSIFIED
AS AN IRRITANT BY OCULAR APPLICATION AS DEFINED BY 16 CFR 1500.
SKIN CONTACT: THE MATERIAL IS NOT CLASSIFIED AS A PRIMARY IRRITANT
OR AS A CORROSIVE BY DERMAL APPLICATION AS DEFINED BY 16 CFR 1500.
Explanation of Carcinogenicity:NOT PROVIDED
Effects of Overexposure:NONE
Medical Cond Aggravated by Exposure:NOT PROVIDED

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

First Aid:INGESTION: DO NOT INDUCE VOMITING. IF VICTIM IS CONSCIOUS AND
ABLE TO
SWALLOW, 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
PHYSICIAN OR POISON CONTROL CENTER. SKIN CONTACT: WASH AFFECTED
AREA. EYE CONTACT: FLUSH WITH PLENTY OF COOL WATER FOR AT LEAST 15
MINUTES. DO NOT LET VICTIM RUB EYES. INHALATION: MOVE VICTIM TO
FRESH AIR. IF NOT BREATHING, GIVE ARTIFICIAL RESPIRATION,
PREFERABLY BY MOUTH-TO-MOUTH.
GET MEDICAL ATTENTION IMMEDIATELY.

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

Flash Point Method:COC
Flash Point:≈229.4C, 445.F
Lower Limits:N/D
Upper Limits:N/D
Extinguishing Media:WATER SPRAY, DRYCHEMICAL, FOAM, OR CARBON DIOXIDE.
Fire Fighting Procedures:WATER MAY BE INEFFECTIVE BUT SHOULD BE USED TO
KEEP FIRE-EXPOSED CONTAINERS COOL. INDIVIDUALS SHOULD PERFORM ONLY
THOSE FIRE FIGHTING PROCEDURES FOR WHICH THEY HAVE BEEN TRAINED. IF
A SPILL OR LEAK HA

S NOT IGNITED, USE WATER SPRAY TO DISPERSE THE 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 SMOKE, FUMES, OR HAZARDOUS DECOMPOSITION PRODUCTS.

===== 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. IN THE EVENT OF AN UNCONTROLLED RELEASE OF THIS MATERIAL, THE USER SHOULD DETERMINE IF THE RELEASE IS REPORTABLE UNDER APPLICABLE LAWS AND REGULATION.

Neutralizing Agent:NOT PROVIDED

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

Handling and Storage Precautions:NO SPECIAL PRECAUTIONS ARE NECESSARY. Other Precautions:AVOID HEATING TO DECOMPOSITION. DO NOT USE PRESSURE TO EMPTY DRUMS OR EXPLOSION MAY RESULT! DO NOT WELD, HEAT, OR DRILL CONTAINER. RESIDUE MAY IGNITE WITH EXPLOSIVE VIOLENCE IF HEATED SUFFICIENTLY. USER IS ADVISED TO HAVE A SAFETY EXPERT EVALUATE THE SPECIFIC CONDITIONS OF USE.

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

Respiratory Protection:RECOMMENDED EXPOSURE LIMITS (I.E.,OSHA-PEL AND ACGIH-TLV) HAVE NOT BEEN ESTABLISHED FOR THIS MATERIAL. WHETHER THERE IS NEED FOR RESPIRATORY PROTECTION UNDER THE CONDITIONS OF HANDLING OF THIS MATERIAL SHOULD BE EVALUATED BY QUALIFIED HEALTH SPECIALIST.

Ventilation:HANDLE IN THE PRESENCE OF ADEQUATE VENTILATION.

Protective Gloves:WEAR IMPERVIOUS GLOVES IF THERE IS POTENTIAL FOR PROLONGED SKIN CONTACT.

Eye Protection:WEAR SAFETY GLASSES MEETING THE SPECIFICATIONS OF ANSI STANDARD Z87.1.

Other Protective Equipment:WEAR PROTECTIVE CLOTHING WHICH ARE IMPERVIOUS TO THE PRODUCT FOR THE

DURATION OF ANTICIPATED EXPOSURE

IF THERE IS POTENTIAL FOR PROLONGED OR REPEATED SKIN CONTACT.

Work Hygienic Practices:NOT PROVIDED

Supplemental Safety and Health

OCCUPATIONAL EXPOSURE LIMITS: PEL: TWA= 5 MG/M3 (OIL MIST); TLV: TWA= 5
MG/M3; STEL=10 MG/M3 (OIL MIST).

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

HCC:V6

NRC/State Lic Num:NOT RELEVANT

Boiling Pt:B.P. Text:NOT DETERMINED

Melt/Freeze Pt:M.P/F.P Text:NOT PROVIDED

Decomp Temp:Decomp Text:NOT PROVIDED

V

apor Pres: