

HENKEL CORP POLYMERS DIV -- EMGARD 2984-E EP 75W-90 SYNTHETIC GEAR LUBR --
9150-01-035-5391

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

Product ID:EMGARD 2984-E EP 75W-90 SYNTHETIC GEAR LUBR

MSDS Date:03/28/1991

FSC:9150

NIIN:01-035-5391

MSDS Number: BMSYV

=== Responsible Party ===

Company Name:HENKEL CORP POLYMERS DIV

Address:5325 S 9TH ST

City:LA GRANGE

State:IL

ZIP:60525-3602

Country:US

Info Phone Num:3

12-579-6150

Emergency Phone Num:800-424-9300 (CHEMTREC)

Preparer's Name:ROBERT E. BORGERING

CAGE:1U766

=== Contractor Identification ===

Company Name:HENKEL CORP POLYMERS DIV

Address:5325 S 9TH ST

Box:City:LA GRANGE

State:IL

ZIP:60525-3602

Country:US

Phone:708-579-6198

CAGE:1U766

Company Name:TULSTAR PRODUCTS INC

Address:1722 S CARSON, SUITE 2907

Box:City:TULSA

State:OK

ZIP:74119

Country:US

Phone:918-587-7878/FAX -3297 (DAVID COOK)

CAGE:0F2M5

===== Composition/Information on Ingredient

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Ingred Name:PROPRIETARY INGREDIENTS

Fraction by Wt: 100%

Other REC Limits:NONE SPECIFIED

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

LD50 LC50 Mixture:ORAL LD50 (RAT) IS >5000 MG/KG

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

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

Health Hazards Acute and Chronic:ACUTE: MAY IRRIATE EYES AND SKIN.

CHRONIC: NONE SPECIFIED BY MANUFACTURER.

Explanation of Carcinogenicity:IARC HAS DETERMINED THER

E IS SUFFICIENT

EVIDENCE FOR THE CARCINOGENICITY IN EXPERIMENTAL ANIMALS OF USED
MOTOR OIL.

Effects of Overexposure:EYES: REDNESS, BURNING SENSATION, ITCHING.

SKIN: REDNESS, RASH.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:SKIN: REMOVE CONTAMINATED CLOTHING. WASH WITH SOAP AND WATER.

GET MEDICAL ATTENTION IF IRRITATION DEVELOPS. INHALATION: REMOVE TO
FRESH AIR & RESTORE B

REATHING IF NECESSARY. GET MEDICAL ATTENTION.

EYE : IMMEDIATELY FLUSH WITH WATER FOR 15 MINUTES WHILE HOLDING
EYELIDS OPEN. GET MEDICAL ATTENTION. INGESTION: MAY ACT AS A
LAXATIVE. DO NOT INDUCE VOMITING. RELATIVELY NON-TOXIC UNLESS
ASPIRATED.

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

Flash Point Method:COC

Flash Point:350F,177C

Extinguishing Media:USE WATER FOG, CARBON DIOXIDE, FOAM, OR DRY
CHEMICAL. USE WATER FOG TO DISPERSE VAPORS.

Fire Fightin

g Procedures:WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND A
FULL FACED SELF CONTAINED BREATHING APPARATUS. COOL FIRE EXPOSED
CONTAINERS WITH WATER SPRAY.

Unusual Fire/Explosion Hazard:COMBUSTION OR HEAT OF FIRE MAY PRODUCE
HAZARDOUS DECOMPOSITION PRODUCTS AND VAPORS.

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

Spill Release Procedures:CONTAIN SPILL IMMEDIATELY. DO NOT ALLOW SPILL
TO ENTER SEWERS OR WATERCOURSES, REMOVE ALL SOURCES OF IGNITION.
ABSORB

WITH APPROPRIATE INERT MATERIAL SUCH AS SAND, CLAY, ETC.

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

Handling and Storage Precautions:DO NOT TRANSFER TO UNMARKED CONTAINERS. STORE IN CLOSED CONTAINERS AWAY FROM HEAT, SPARKS, OPEN FLAME, OR OXIDIZING MATERIALS. COMBUSTIBLE LIQUID.

Other Precautions:MINIMIZE SKIN CONTACT. WASH WITH SOAP AND WATER BEFORE EATING, DRINKING, SMOKING OR USING TOILET FACILITIES.

LAUNDRER CONTAMINATED CLOTHING BEFORE REUSE. PROPERLY DISPOSE OF CONTAMINATED LEATHER ARTICLES THAT CAN NOT BE DECONTAMINATED.

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

Respiratory Protection:USE NIOSH/MSHA APPROVED AIR-PURIFYING RESPIRATOR FOR ORGANIC VAPORS AND PARTICULATES OR AN ATMOSPHERE-SUPPLYING RESPIRATOR IF REQUIRED. PROTECTION IS NOT REQUIRED UNDER NORMAL USE CONDITIONS.

Ventilation:NO SPECIAL REQUIREMENTS UNDER ORDINARY CONDITIONS OF USE. MECHANICAL EXHAUST RECOMMENDED IF USED IN ENCLOSED AREA.

Protective Gloves:CHEMICAL RESISTANT GLOVES (NITRILE BEST)

Eye Protection:WEAR CHEMICAL SAFETY GOGGLES

Other Protective Equipment:WEAR PROTECTIVE CLOTHING, APRON AND BOOTS AS REQUIRED TO MINIMIZE SKIN CONTACT.

Work Hygienic Practices:MINIMIZE SKIN CONTACT. WASH WITH SOAP AND WATER BEFORE EATING, DRINKING, SMOKING OR USING TOILET FACILITIES.

Supplemental Safety and Health

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

HCC:V6

Spec Gravity:0.91

Solubility in

Water:NEGLIGIBLE

Appearance and Odor:DARK COLORED LIQUID WITH A PUNGENT ODOR

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===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS

Stability Condition to Avoid:HIGH HEAT, OPEN FLAMES AND OTHER SOURCES OF IGNITION

Hazardous Decomposition Products:OXIDES OF CARBON, SULFUR, NITROGEN, AND PHOSPHOROUS.

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===== Disposal Considerations =====

Waste Disposal Methods:WASTE MAY BE BURIED

NED IN AN APPROVED INCINERATOR

OR DISPOSED OF IN ACCORDANCE WITH ALL APPLICABLE LOCAL, STATE AND
FEDERAL LAWS AND REGULATIONS. RECYCLE IF POSSIBLE.

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