

COGNIS CORPORATION -- EMGARD 2984-F EP 75W-90 SYNTHETIC GEAR LUBRIC

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MSDS Safety Information
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FSC: 9150

NIIN: 01-035-5390

MSDS Date: 01/02/2000

MSDS Num: CLFVK

Product ID: EMGARD 2984-F EP 75W-90 SYNTHETIC GEAR LUBRICANT

MFN: 01

Responsible Party

Cage: TO539

Name: COGNIS CORPORATION

Address: 5051 ESTECREEK DRIV

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City: CINCINNATI OH 45232

Info Phone Number: 800-643-7370/FAX 513-482-5515

Emergency Phone Number: 800-643-7370
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Item Description Information
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Item Manager: S9G

Item Name: LUBRICATING OIL,GEAR

Specification Number: MIL-L-2105

Type/Grade/Class: GR 75W

Unit of Issue: QT

UI Container Qty: G

Type of Container: CAN
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Ingredients
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Name: *** PROPRIETARY ***

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Health Hazards Data
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LD50 LC50 Mixture: ORAL (RAT) IS NOT KNOWN.

Skin: YES

Carcinogenicity Inds - NTP: NO

IARC: NO

OSHA: NO

Effects of Exposure: SKIN CONTACT: SIMILAR MATERIALS ARE NOT CLASSIFIED AS SKIN IRRITANTS. THE SKIN IRRITATION SCORE FOR THIS SUBSTANCE HAS NOT BEEN DET

ERMINED. EYE CONTACT: SIMILAR MATERIALS ARE NOT CLASSIFIED AS EYE IRRITANTS. THE EYE IRRITATION SCORE FOR THIS SUBSTANCE HAS NOT BEEN DETERMINED. INHALATION: INHALATION OF MIST MAY CAUSE IRRITATION OF THE RESPIRATORY SYSTEM. INGESTION: MAY BE HARMFUL IF SWALLOWED IN LARGE QUANTITIES. CHRONIC EFFECTS: NONE KNOWN. **NO EFFECTS OF CHRONIC EXPOSURE OR TARGET ORGAN EFFECTS ARE KNOWN. NO EXPOSURE LIMITS HAVE BEEN ESTABLISHED FOR THIS PRODUCT.

Explanation Of Carcinogenicity: NO CARCINOGENICITY, MUTAGENICITY, OR TERATOGENICITY ARE KNOWN.

First Aid: SKIN-WASH AFFECTED AREA WITH SOAP & WATER. EYE-IMMEDIATELY FLUSH EYES WITH PLENTY OF COOL WATER FOR 15 MINS. DO NOT LET VICTIM RUB EYES. GET MEDICAL ATTENTION IF IRRITATION PERSISTS. INHALATION-IMMEDIATELY REMOVE VICTIM TO FRESH AIR. IF VICTIM HAS STOPPED BREATHING GIVE ARTIFICIAL RESPIRATION, PREFERABLY, MOUTH TO MOUTH. GET MEDICAL ATTENTION IMMEDIATELY. INGESTION-DO NOT INDUCE VOMITING. IF VICTIM IS CONSCIOUS & ABLE TO

SWALLOW, PROMPTLY DRINK WATER TO DILUTE. DO NOT GIVE SODIUM BICARBONATE, FRUIT JUICE, VINEGAR. NEVER GIVE ANYTHING BY MOUTH IF VICTIM IS UNCONSCIOUS OR HAVING CONVULSION. CALL PHYSICIAN/POISON CONTROL IMMEDIATELY.

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Handling and Disposal
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Spill Release Procedures: ADD DRY MATERIAL TO ABSORB SPILL (IF LARGE SPILL, DIKE TO CONTAIN). USING RECOMMENDED PROTECTIVE EQUIPMENT, PICK UP BULK OF SPILL AND CONTAINERIZE FOR RECOVERY OR DISPOSAL. FLUSH AREA WITH WATER TO REMOVE RESIDUES.

Waste Disposal Methods: ALL RECOVERED MATERIAL SHOULD BE PACKAGED, LABELED, TRANSPORTED, AND DISPOSED OR RECLAIMED IN CONFORMANCE WITH APPLICABLE LAWS AND REGULATIONS AND IN CONFORMANCE WITH GOOD ENGINEERING PRACTICES. AVOID LANDFILLING OF LIQUIDS. RECLAIM WHERE POSSIBLE.

Handling And Storage Precautions: NO SPECIAL PRECAUTIONS NECESSARY. AVOID CONTAINER DAMAGE WHILE HANDLING AND STORING.

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Fire and Explosion Hazard Information
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Flash Point Method: PMCC

Flash Point: =170.C, 338.F

Extinguishing Media: CARBON DIOXIDE, DRY CHEMICAL, FOAM, WATER SPRAY.

Fire Fighting Procedures: USE WATER SPRAY, DRY CHEMICAL, FOAM OR CARBON DIOXIDE. WATER MAY BE INEFFECTIVE BUT SHOULD BE USED TO KEEP FIRE EXPOSED CONTAINERS COOL. IF A SPILL OR LEAK HAS NOT IGNITED

ED, USE WATER SPRAY TO
DISPER SE THE VAPORS. WATER SPRAY MAY BE USED TO FLUSH SPILLS AWAY FROM
FIRES.

Unusual Fire/Explosion Hazard: PERFORM ONLY THOSE FIRE FIGHTING PROCEDURES FOR
WHICH YOU HAVE BEEN TRAINED. FIREFIGHTERS SHOULD WEAR SELF CONTAINED
BREATHING APPARATUS IN THE POSITIVE PRESSURE MODE WITH A FULL FACEPIECE WHEN
THERE IS A POSSIBILITY OF EXPSORUE TO SMOKE, FUMES OR HAZARDOUS
DECOMPOSITION PRODUCTS.

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Control Measures

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Respiratory Protection: IF EXPOSED TO AEROSOL/MIST, WEAR NIOSH APPROVE CATEGORY
23C RESPIRATOR, EXCLUDING SINGLE USE OR DISPOSABLE RESPIRATORS IN ACCORDANCE
WITH 30CFR11(I). THE RESPIRATOR SHALL BE EQUIPPED WITH COMBINATION
CARTRIDGES APPROVED FOR PAINTS, ENAMELS, & LACQUERS UNLESS AIR-SUPPLIED
RESPIRATOR IS SELECTED. USE OF RESPIRATOR SHALL BE ACCORDING TO 29CFR
1910.134/30CFR11.

Ventilation: LOCAL EXHAUST.

Protective Glov
es: RUBBER GLOVES.

Eye Protection: SAFETY GLASSES WITH SIDE SHIELDS.

Supplemental Safety and Health: PRODUCT NAME: EMGARD 2984-F EP 75W-90 SYNTHETIC
GEAR LUBRICANT. PRODUCT DESCRIPTION: AUTOMATIVE LUBRICANTS. SYNONYMS: 2984-F.
CASRN: TRADE SECRET BLEND.

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Physical/Chemical Properties

HCC: V5

B.P. Text: N/D

M.P/F.P Text: N/D

Vapor Pres: N/D

Vapor Density: N/D

Spec Gravity: 0.885

PH:

N/D

Evaporation Rate & Reference: N/D

Solubility in Water: INSOLUBLE

Appearance and Odor: DARK COLORED LIQUID; PUNGENT ODOR

Percent Volatiles by Volume: N/D @ 70F

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Reactivity Data

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Stability Indicator: YES

Stability Condition To Avoid: AVOID CONTACT WITH HEAT, SPARKS, FLAMES AND ALL
SOURCE OF IGNITION.

Materials To Avoid: STRONG ACIDE, BASES, AND OXIDIZING AGENTS.

Hazardous Decomp

osition Products: MAY PRODDUCE OXIDES OF CARBON, NITROGEN,
SULFUR AND PHOSPHORUS.

Hazardous Polymerization Indicator: NO

Conditions To Avoid Polymerization: WILL NOT OCCUR.

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Toxicological Information
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Toxicological Information: NO TOXICITY INFORMATION AVAILABLE OR TESTING
CONDUCTED ON THIS PRODUCT. NAY HEALTH OR TOXICOLOGICAL INFORMATION INCLUDED
IN THE HEALTH SECTION WAS BASED ON
DATA ASSOCIATED WITH THE COMPONENTS OR AN
AN ALOGOUS PRODUCT.

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Ecological Information
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Ecological: ECOLOGICAL TOXICITY: NOT DETERMINED. ENVIRONMENTAL FATE: NOT
DETERMINED.

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MSDS Transport Information
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Regulatory Infor
mation
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Sara Title III Information: SARA 311/312 HAZARD CATEGORIES: NONE. SARA 313
TOXIC CHEMICALS: NONE. SARA 302 EXTREMELY HAZARDOUS SUBSTANCES: NONE.

Federal Regulatory Information: TSCA INVENTORY STATUS: THIS PRODUCT AND/OR ALL
OF ITS COMPONENTS ARE INCLUDED ON THE TSCA INVENTORY OR CHEMICAL SUBSTANCES.
TSCA 12(B) COMPONENTS: NONE. CERCLA HAZARDOUS SUBSTANCES: BETA NAPHYTHYLAMIN
E(91598) <0.0001%.

State Regulatory Information

: WARNING: THIS PRODUCT CONTAINS A CHEMICAL (OR
CHEMICALS) KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER, BIRTH DEFECTS
AND/OR OTHER REPRODUCTIVE HARM. BETAL NAPHTHYLAMINE(91598) <0.0001%.

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Other Information
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Other Information: RATINGS: HEALTH: 1; FLAMMABILITY: 1; REACTIVITY: 0. NFPA
RATINGS: HEALTH: 1; FLAMMABILITY: 1; REACTIVITY: 0; OTHER: NONE.
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Transportation Information
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Responsible Party Cage: TO539

Trans ID NO: 157674

Product ID: EMGARD 2984-F EP 75W-90 SYNTHETIC GEAR LUBRICANT

MSDS Prepared Date: 01/02/2000

Review Date: 06/28/2001

MFN: 1

Net Unit Weight: 1.8 LBS

Multiple KIT Number: 0

Review IND: Y

Unit Of Issue: QT

Container QTY: G

Type Of Container: CAN
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Detail DOT Information
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DOT PSN Code: ZZZ

DOT Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION
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Detail IMO Information
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IMO PSN Code: ZZZ

IMO Proper Shipping Name: NOT REGULATED FOR THIS MODE OF TRANSPORTATION
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Detail IATA Information
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IATA P

SN Code: ZZZ

IATA Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION
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Detail AFI Information
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AFI PSN Code: ZZZ

AFI Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION
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HAZCOM Label
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Product ID: EMGARD 2984-F EP 75W-90 SYNTHETIC GEAR LUBRICANT

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e: TO539
Assigned IND: Y
Company Name: COGNIC CORPORATION
Street: 5051 ESTECREEK DRIVE
City: CINCINNATI OH
Zipcode: 45232
Health Emergency Phone: 800-643-7370
Label Required IND: Y
Date Of Label Review: 06/28/2001
Status Code: A
Year Procured: 2001
Origination Code: F
Eye Protection IND: YES
Skin Protection IND: YES
Signal Word: CAUTION
Respiratory Protection IND: YES
Health Hazard: Slight
Contact Hazard: Slight
Fire Hazard: Slight
Reactivity Hazard: None
Hazard And Precautions: EMERGENCY OVERVI
EW: NON HAZARDOUS UNDER NORMAL
CONDITIONS OF USE. DARK COLORED LIQUID.

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