

COGNIS CORPORATION
Material Safety Data Sheet

SECTION 1: CHEMICAL PRODUCT and COMPANY IDENTIFICATION

Revised: 06/11/2003
Supercedes: 10/18/2001

PRODUCT NAME: EATON ROADRANGER EP 75W-90
SYNTHETIC AXLE LUBRICANT
PRODUCT DESCRIPTION: AUTOMOTIVE LUBRICANTS
SYNONYMS: HENKEL 2834
CASRN: Trade Secret Blend
MANUFACTURER: Cognis Corporation
4900 Este Avenue
Cincinnati, OH 45232
Phone: 888-329-2626 Fax: 513-482-5515
EMERGENCY NUMBERS:
CHEMTREC: 800-424-9300

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL	CONCENTRATION (Wt.%)	EXPOSURE LIMITS
Proprietary Blend	100%	NO PEL/TLV ESTABLISHED

SECTION 3: HAZARDS IDENTIFICATION

***** Emergency *****
***** Overview *****

Non hazardous under normal conditions of use.
Dark Colored Liquid

SKIN CONTACT:

This material is not classified as a skin irritant.

EYE CONTACT:

This material is not classified as an eye irritant.

INHALATION:

Inhalation of mist may cause irritation of the respiratory system.

INGESTION:

May be harmful if swallowed in large quantities.

CHRONIC EFFECTS:

None Known.

OTHER HEALTH EFFECTS:

No carcinogenic, mutagenic or teratogenic effects are known. No effects of chronic exposure or target organ effects are known.

No exposure limits have been established for this product.

PRIMARY ROUTES OF EXPOSURE: Skin

SECTION 4: FIRST AID MEASURES

SKIN CONTACT:

Wash affected area with soap and water.

EYE CONTACT:

Immediately flush eyes with plenty of cool water for at least 15 minutes. Do not let victim rub eyes. Get medical attention if irritation develops.

INHALATION:

Immediately remove victim to fresh air. If victim has stopped breathing

give artificial respiration, preferably, mouth to mouth. Get medical attention immediately.

INGESTION:

Call a physician or poison control center immediately.

SECTION 5: FIRE FIGHTING MEASURES

Flash Point: 400 Deg F (Cleveland Open Cup)

LFL: Not Determined

UFL: Not Determined

AUTOIGNITION TEMPERATURE Not Determined

RECOMMENDED EXTINGUISHING MEDIA:

Carbon dioxide, Dry chemical, Foam, Water spray

SPECIAL 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, use water spray to disperse the vapors. Water spray may be used to flush spills away from fire.

UNUSUAL FIRE OR EXPLOSION HAZARDS:

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 exposure to smoke, fumes or hazardous decomposition products.

HAZARDOUS COMBUSTION PRODUCTS:

Carbon dioxide, carbon monoxide, oxides of nitrogen, sulfur and phosphorus.

SECTION 6: ACCIDENTAL RELEASE MEASURES

STEPS TO TAKE IN CASE OF SPILL OR LEAK:

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.

SECTION 7: HANDLING AND STORAGE

No special precautions necessary. Avoid container damage while handling and storing.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

EYE PROTECTION:

Safety glasses with side shields

SKIN PROTECTION:

Rubber gloves

RESPIRATORY PROTECTION:

NIOSH/MSHA-approved respirator if necessary. Follow manufacturer's recommendations.

ENGINEERING CONTROLS:

General ventilation.

SECTION 9: PHYSICAL and CHEMICAL PROPERTIES

PHYSICAL STATE: Liquid

APPEARANCE: Dark Colored Liquid

ODOR: Petroleum

ODOR THRESHOLD: Not Determined
pH: Not Determined
MELTING POINT: Not Determined
BOILING POINT: Not Determined
SPECIFIC GRAVITY: 0.91
SOLUBILITY IN WATER: Insoluble
PERCENT VOLATILES (by Wt.): Not Determined
VAPOR DENSITY: Not Determined
VAPOR PRESSURE: Not Determined
EVAPORATION RATE (N-BUTYL ACETATE=1): Not determined
VOC CONTENT (EPA Method 24): Not Determined

SECTION 10: STABILITY AND REACTIVITY

STABILITY: Normally Stable
HAZARDOUS POLYMERIZATION: Will not occur.
INCOMPATIBLE MATERIALS:
Strong acids, bases and oxidizing agents.
CONDITIONS TO AVOID:
Avoid contact with heat, sparks, flame and all sources of ignition.
HAZARDOUS DECOMPOSITION PRODUCTS:
Carbon dioxide, carbon monoxide, oxides of nitrogen, sulfur and phosphorus.

SECTION 11: TOXICOLOGICAL INFORMATION

No toxicity information available or testing conducted on this product.
Any health or toxicological information included in Section 3 was based on data associated with the components or an analogous product.

SECTION 12: ECOLOGICAL INFORMATION

ECOLOGICAL TOXICITY:
Not Determined
ENVIRONMENTAL FATE:
Not Determined

SECTION 13: DISPOSAL CONSIDERATIONS

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.

SECTION 14: TRANSPORTATION INFORMATION

OIL, LUBRICATING, NOI, OTHER THAN PETROLEUM
NMFC: 145000 Sub 1
The information provided is for domestic highway transportation only. This product may be regulated differently when shipped in other types of containers or by modes other than that addressed by this section of the MSDS. For information, please contact Regulatory Affairs at 513/482-5022.
For RQ applicability, please see Section XV.

SECTION 15: REGULATORY INFORMATION

TSCA INVENTORY STATUS:

This product and/or all of its components are either included on or exempt from the TSCA Inventory of Chemical Substances.

TSCA 12(b) COMPONENTS:

None

SARA 311/312 HAZARD CATEGORIES: None

SARA 313 TOXIC CHEMICALS:

None

SARA 302 EXTREMELY HAZARDOUS SUBSTANCES:

None

CERCLA HAZARDOUS SUBSTANCES:

Beta Naphthylamine(91-59-8) < 0.0001 %

CALIFORNIA PROPOSITION 65 COMPONENTS:

WARNING ! This product contains a chemical (or chemicals) known to the State of California to cause cancer, birth defects and/or other reproductive harm.

Beta Naphthylamine(91-59-8) < 0.0001 %

SECTION 16: OTHER INFORMATION

HMIS RATINGS: HEALTH: 1 FLAMMABILITY: 1 REACTIVITY: 0

NFPA RATINGS: HEALTH: 1 FLAMMABILITY: 1 REACTIVITY: 0 OTHER: None

THE FOLLOWING WARNING INFORMATION IS PROVIDED ON THE LABEL FOR THIS PRODUCT:

Non hazardous under normal conditions of use.

FIRST AID - INHALATION:

Immediately remove victim to fresh air. If victim has stopped breathing give artificial respiration, preferably, mouth to mouth. Get medical attention immediately.

FIRST AID - SKIN CONTACT:

Wash affected area with soap and water.

FIRST AID - EYE CONTACT:

Immediately flush eyes with plenty of cool water for at least 15 minutes. Do not let victim rub eyes. Get medical attention if irritation develops.

FIRST AID - INGESTION:

Call a physician or poison control center immediately.

ABBREVIATIONS USED:

ND or N/D = Not Determined

NA or N/A = Not Applicable or Not Available

NE or N/E = Not Established

N/AP = Not Applicable

All information, recommendations, and suggestions appearing herein concerning our product are based upon tests and data believed to be reliable. However, it is the user's responsibility to determine the safety, toxicity, and suitability for his own use of the product described herein. Since the actual use by others is beyond our control, no guarantee, express or implied, is made by Cognis Corporation as to the effects of such use, the results obtained, or the safety and toxicity of the product nor does Cognis Corporation assume any liability arising out of use, by others, of the product referred to herein. The information herein is not to be construed as absolutely complete since additional information may be necessary or desirable when particular or exceptional conditions or circumstances exist or

because of applicable laws or government regulations.

PREPARED BY:

Robert E. Borgerding

Cognis Corporation

Product Safety/Regulatory Affairs

4900 Este Avenue

Cincinnati, OH 45232

513/482-2820 (Voice) 513/482-2007 (Fax)