

Prod.Name: EMGARD 75W-90
Manufacturer: Cognis Corporation USA
HMCS ID: 225336
SUC: 04 - Metal Working Fluids and Lubricants

MATERIAL SAFETY DATA SHEET

Revision: 07.Jan.2009
Effective: 07.Jan.2009
Print Date: 26.Feb.2010
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1 PRODUCT AND COMPANY IDENTIFICATION

PRODUCT INFORMATION

Product Name: EMGARD 75W-90

Product Code: 245851

Recommended Use:

Synthetic lubricant

External Keys:

9986106 Productive Materials
75W-90 Distributable Material (Part #)
89021675 Distributable Material (Part #)
SYNTHETIC Primary Tradename - Distributable Material
AXLE
LUBRICANT
FOR MEDIUM
DUTY TRUCKS
SYNTHETIC Primary Tradename - Distributable Material
AXLE
LUBRICANT
SAE 75W-90
12345841 SPO Catalog Discontinued

MANUFACTURER INFORMATION

Manufacturer: Cognis Corporation USA

Address:

5051 Estecreek Drive USA Ohio 45232-1446 Cincinnati Corporate
4900 Este Avenue USA Ohio 45232 Cincinnati Manufacturing

Communication Lines:

Phone 800-424-9300 Emergency (CHEMTREC)
Phone 513-482-3000 Information
Fax 513-482-5503 FAX
Phone 513-482-3000 Information
Fax 513-482-5503 FAX
Internet www.cognis.com Website (no MSDS)

2 INGREDIENT INFORMATION

FORMULATION

Chemical Characterization:

General chemical description:
Proprietary axle lubricant

Ingredients:

<u>Chemical Name</u>	<u>CAS Number</u>	<u>Prefix</u>	<u>Value</u>	<u>Unit</u>	<u>Exposure Limits</u>
2-NAPHTHYLAMINE	91-59-8	Trace	0	%Wt	No
BUTENE, POLYMERS	9003-29-6	Range	25 - 35	%Wt	No
ADIPIC ACID, DIISODECYL ESTER	27178-16-1	Range	25 - 35	%Wt	No
1-Decene, homopolymer, hydrogenated	68037-01-4	Range	25 - 35	%Wt	No
EXTREME PRESSURE ADDITIVE	989915-45-8	Range	5 - 15	%Wt	No
LUBRICANT ADDITIVE	989933-54-3	<	2	%Wt	No

3 HAZARDS IDENTIFICATION

Hazards Overview:

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3 HAZARDS IDENTIFICATION

Hazards Overview:

EMERGENCY OVERVIEW: Low hazard for usual industrial or commercial handling.

Specific Hazards:

Routes of entry: Skin contact

Specific Hazards (Routes Of Exposure):

<u>Exposure Routes</u>	<u>Exposure Duration</u>	<u>Observation</u>
Skin Contact	Acute	Similar materials are not classified as skin irritants.
Eye Contact	Acute	Similar materials are not classified as eye irritants.
Inhalation	Acute	May cause respiratory irritation.
Ingestion	Acute	May be harmful if swallowed in large quantities.

Medical Conditions Aggravated By Exposure:

NOT PROVIDED.

Additional Health Hazard Data:

Potential Chronic Health Effects: None known

4 FIRST AID MEASURES

First Aid By::

Inhalation	Immediately remove victim to fresh air. If breathing has stopped, administer artificial respiration. Seek medical attention immediately.
Skin Contact	Wash thoroughly with soap and water.
Eye Contact	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Do not rub eyes; mechanical action may cause corneal damage. If adverse health effects develop seek medical attention.
Ingestion	Do not induce vomiting. Call a physician or poison control center immediately. Never give anything by mouth if the victim is rapidly losing consciousness, or is unconscious or convulsing

5 FIRE FIGHTING MEASURES

Flash Point:

= 400 °F COC ASTM D 92-97; QP1363.2

Extinguishing Media:

Water Spray
Foam.
Carbon dioxide.
Dry Chemical

Fire and Explosion Hazards:

None known. Hazardous combustion products:
nitrogen oxides, phosphorus oxides, carbon monoxide, Carbon dioxide., Sulphur oxides

Special Fire Fighting Procedures:

In case of fire, keep containers cool with water spray.
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.

6 ACCIDENTAL RELEASE MEASURES

PRECAUTIONS IN CASE OF ACCIDENTAL RELEASE

Personal Precautions:

Wear adequate personal protective clothing and equipment.

Environmental Precautions:

Add dry material to absorb spill (if large spill, dike to contain)

SPILL OR LEAK PROCEDURES

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6 ACCIDENTAL RELEASE MEASURES

SPILL OR LEAK PROCEDURES

Recovery:

Pick up spilled material and containerize for recovery or disposal. Flush area with water to remove residues.

7 HANDLING AND STORAGE

HANDLING

Safe Handling Procedures:

No particular measures required.

STORAGE

Storage Conditions:

Avoid container damage while handling and storing

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Measures:

Ensure adequate ventilation.

PERSONAL PROTECTIVE EQUIPMENT

Personal Protective Equipment (PPE):

Eye Protection Safety glasses with side shields.

Respiratory Protection If exposed to aerosol or mist, wear NIOSH approved Category 23C respirator, excluding single use or disposable respirators in accordance with 30 CFR II (i). The respirator shall be equipped with combination cartridges approved for paints, enamels and lacquers unless air-supplied respirator is selected.

Hand Protection Protective gloves made of rubber.

Skin Protection suitable protective clothing

9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE

Physical State: Liquid.

Color: DARK

Odor: little intrinsic odour

PHYSICAL PROPERTIES

Specific Gravity:

= 0.89

Solubility:

Water INSOLUBLE.

Viscosity:

Viscosity Range 16 - 18 cSt 100 C. ASTM D-445

10 STABILITY AND REACTIVITY

STABILITY INFORMATION

Incompatible Materials:

Oxidizers

Bases

Strong Acids

Hazardous Polymerization:

Will not occur

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10 STABILITY AND REACTIVITY

HAZARDOUS DECOMPOSITION

Reactions:

Type of Reaction

Thermal Decomposition

Decomposition

Reaction Products

Hazardous combustion products:

nitrogen oxides, phosphorus oxides, carbon monoxide, Carbon dioxide., Sulphur oxides

carbon oxides phosphorus oxides Sulphur oxides nitrogen oxides.

No decomposition if used according to specifications.

11 TOXICOLOGICAL INFORMATION

CLASSIFICATION OF INGREDIENTS

Carcinogenicity:

California Proposition 65: This product contains the following chemical's known to the State of California to cause cancer.

2-NAPHTHYLAMINE CAS: 91-59-8 <=1 PPM

ANILINE CAS: 62-53-3 <20PPM

1-Naphthalenamine CAS: 134-32-7 <5PPM

CADMIUM (ORAL) CAS: 7440-43-9 LEAD (ORAL) CAS: 7439-92- 1 ARSENIC (INHALATION) CAS: 7440-38-2 ETHYL

ACRYLATE CAS: 140-88-5

Reproductive Effects:

California Proposition 65: This product contains the following chemical's known to the State of California to cause birth defects or other reproductive harm.

2-NAPHTHYLAMINE CAS: 91-59-8 <=1 PPM

ANILINE CAS: 62-53-3 <20PPM

1-Naphthalenamine CAS: 134-32-7 <5PPM

CADMIUM (ORAL) CAS: 7440-43-9 LEAD (ORAL) CAS: 7439-92- 1 ARSENIC (INHALATION) CAS: 7440-38-2 ETHYL

ACRYLATE CAS: 140-88-5

Comment:

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

12 ECOLOGICAL INFORMATION

ENVIRONMENTAL IMPACT

Comment:

General ecological information: no data available

13 DISPOSAL CONSIDERATIONS

Waste Disposal Information:

Avoid landfilling liquids.

Reclaim where possible.

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.

14 TRANSPORT INFORMATION

Comment:

Not hazardous according to RID, ADR, ADNR, IMDG, IATA-DGR, CFR and TDG.

The transport information provided represents the regulatory transport classification of the product without consideration to packaging, quantity, or modal restrictions and exceptions. It is the user's responsibility to determine the appropriate packaging and modal requirements and/or limitations for the product quantity being shipped.

15 REGULATORY INFORMATION

LABELLING

Hazard Codes:

HMIS Reactivity 0

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15 REGULATORY INFORMATION

LABELLING

Hazard Codes:

HMIS Health 1
HMIS Flammability 1
NFPA Flammability 1
NFPA Health 1
NFPA Reactivity 0

NATIONAL REGULATIONS

SARA 311/312: No

SARA 313: Yes

Immediate Health: No

Delayed Health: No

Fire: No

Sudden Pressure Release: No

Reactive: No

Other Regulation:

TSCA Inventory Status:

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

None.

TSCA 12(b) Components:

SARA 313 inherited from ingredient list.

SARA 313 Toxic Chemicals:

US. EPA Emergency Planning and Community Right-To-Know Act (EPCRA) SARA Title III Section 302 Extremely Hazardous Substance (40 CFR 355, Appendix A)

SARA 302 Extremely Hazardous Substances:

ANILINE CAS: 62-53-3 <20PPM

CERCLA Hazardous Chemicals:

US. EPA CERCLA Hazardous Substances (40 CFR 302)

BETA-NAPHTHYLAMINE CAS: 91-59-8 <=1 PPM

ANILINE CAS: 62-53-3 <20PPM

I -Naphthalenamine CAS: 134-32-7 <5PPM

CADMIUM AND

COMPOUNDS CAS: 7440-43-9 <1PPM

LEAD AND COMPOUNDS CAS: 7439-92-1 <1PPM

ARSENIC AND

COMPOUNDS CAS: 7440-38-2 <1PPM

ETHYL ACRYLATE CAS: 140-88-5 <1 PPM

STATE/LOCAL REGULATIONS

Comment:

California Proposition 65: This product contains the following chemical's known to the State of California to cause cancer and/or birth defects or other reproductive harm.

2-NAPHTHYLAMINE CAS: 91-59-8 <=1 PPM

ANILINE CAS: 62-53-3 <20PPM

1-Naphthalenamine CAS: 134-32-7 <5PPM

CADMIUM (ORAL) CAS: 7440-43-9 LEAD (ORAL) CAS: 7439-92- 1 ARSENIC (INHALATION) CAS: 7440-38-2 ETHYL

ACRYLATE CAS: 140-88-5

16 OTHER INFORMATION

Additional Comments:

NON-HAZARDOUS UNDER NORMAL CONDITIONS OF USE.FIRST-AID - INHALATION: IMMEDIATELY REMOVE VICTIM

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16 OTHER INFORMATION

Additional Comments:

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: DO NOT INDUCE VOMITING! NEVER GIVE ANYTHING BY MOUTH IF VICTIM IS UNCONSCIOUS OR HAVING CONVULSIONS. CALL A PHYSICIAN OR POISON CONTROL CENTER IMMEDIATELY.
