

To:

From:Cognis

TS

Fax:

TOPCALL at:MAR-11-2003-09:30 Doc:546 Page:002

C O G N I S C O R P O R A T I O N

Material Safety Data Sheet

SECTION 1: CHEMICAL PRODUCT and COMPANY IDENTIFICATION

Revised: 03/21/2000  
Supercedes: 01/01/2000

PRODUCT NAME: EMERY 2911 SYNTHETIC IDP

PRODUCT DESCRIPTION: LUBRICANT PRODUCTS, MISC.

SYNONYMS: ISODECYL PELARGONATE

CASRN: 109-32-0

MANUFACTURER: Cognis Corporation  
5051 Estecreek Drive  
Cincinnati, OH 45232  
Phone: 800-543-7370

Fax: 513-482-5515



EMERGENCY NUMBERS:

CHEMTREC: 800-424-9300

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL	CONCENTRATION (Wt. %)	EXPOSURE LIMITS
ISODECYL PELARGONATE		
CASRN 109-32-0	> 99.0	None Established

SECTION 3: HAZARDS IDENTIFICATION

\*\*\*\*\* Emergency \*\*\*\*\*  
\*\*\*\*\* Overview \*\*\*\*\*

Non hazardous under normal conditions of use.

Clear Liquid with Mild Ester Odor

\*\*\*\*\*

SKIN CONTACT:

Similar materials are not classified as skin irritants. The skin irritation score for this substance has not been determined.

EYE CONTACT:

Similar materials are not classified as eye irritants. The eye irritation score for this substance has not been determined.

INHALATION:

No information available

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INGESTION:  
Similar materials are not considered toxic.

CHRONIC EFFECTS:  
None Known

OTHER HEALTH EFFECTS:  
None known.

PRIMARY ROUTES of EXPOSURE: Skin

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SECTION 4: FIRST AID MEASURES  
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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.

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SECTION 5: FIRE FIGHTING MEASURES  
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Flash Point: 340 Deg F ( Cleveland Open Cup )  
LEL: Not Determined UFL: Not Determined  
AUTOIGNITION TEMP: 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

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possibility of exposure to smoke, fumes or hazardous decomposition products.

HAZARDOUS COMBUSTION PRODUCTS:

Decomposition may produce carbon monoxide and carbon dioxide.

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SECTION 6: ACCIDENTAL RELEASE MEASURES  
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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.

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SECTION 7: HANDLING AND STORAGE  
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No special precautions necessary. Avoid container damage while handling and storing.

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SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION  
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EYE PROTECTION:

Safety glasses

SKIN PROTECTION:

Rubber or plastic gloves

RESPIRATORY PROTECTION:

Not applicable with adequate ventilation.

ENGINEERING CONTROLS:

General ventilation.

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SECTION 9: PHYSICAL and CHEMICAL PROPERTIES  
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PHYSICAL STATE: Liquid  
APPEARANCE: Clear Liquid with Mild Ester Odor  
ODOR: Mild Ester  
ODOR THRESHOLD: Not Determined  
pH: N/D  
MELTING POINT: -73 Deg C  
BOILING POINT: 312 Deg C  
SPECIFIC GRAVITY: .864 AT 20/20 C  
SOLUBILITY IN WATER: Negligible (< 0.1 % )  
PERCENT VOLATILES(by Wt.): N/D at 70 Deg F.  
VAPOR DENSITY: Not Determined

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VAPOR PRESSURE: Not Determined  
EVAPORATION RATE(N-BUTYL ACETATE-1): Not determined  
VOC CONTENT(EPA Method 24): N/D ‡

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SECTION 10: STABILITY AND REACTIVITY  
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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:  
Decomposition products contain carbon dioxide and carbon monoxide.

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SECTION 11: TOXICOLOGICAL INFORMATION  
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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.

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SECTION 12: ECOLOGICAL INFORMATION  
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ECOLOGICAL TOXICITY:  
Not Determined  
  
ENVIRONMENTAL FATE:  
Not Determined

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SECTION 13: DISPOSAL CONSIDERATIONS  
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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.

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SECTION 14: TRANSPORTATION INFORMATION  
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PROPER SHIPPING NAME: Not Applicable

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UN/NA:  
DOT HAZARD CLASS: Not Determined  
DOT HAZARDOUS MATERIALS:  
Not Applicable  
EMERGENCY RESPONSE GUIDE NUMBER: Not Determined  
PACKAGING GROUP: Not Determined

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SECTION 15: REGULATORY INFORMATION  
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TSCA INVENTORY STATUS:  
This product and/or all of its components are included on 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:  
None

CALIFORNIA PROPOSITION 65 COMPONENTS:  
None

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SECTION 16: OTHER INFORMATION  
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HMS RATINGS: HEALTH: 0 FLAMMABILITY: 1 REACTIVITY: 0

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

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

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**FIRST AID - INGESTION:**

Call a physician or poison control center immediately.

**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 facemask when there is a possibility of exposure to smoke, fumes or hazardous decomposition products.

**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.

**HANDLING AND STORAGE:**

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

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**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

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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.

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**PREPARED BY:**

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