



## Material Safety Data Sheet

Revision Date: 18-Jan-2011

Revision Number: 1

### 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Name** COROTECH OIL & GREASE EMULSIFIER  
**Product Code** V600-SERIES  
**Product Class** SURFACE PREPARATION PRODUCT  
**Color** All

**Manufacturer** Complementary Coatings Corp.  
 dba Insl-X  
 101 Paragon Drive  
 Montvale, NJ 07645  
 Phone: (800)-225-5554  
 www.insl-x.com

**Emergency Telephone Number(s)**  
 CHEMTREC (US): 800-424-9300  
 CHEMTREC (outside US): (703)-527-3887

### 2. COMPOSITION INFORMATION ON COMPONENTS

#### Hazardous Components

| Chemical Name                | CAS-No   | Weight % (max) |
|------------------------------|----------|----------------|
| Ethanol, 2-(2-butoxyethoxy)- | 112-34-5 | 10             |

### 3. HAZARDS IDENTIFICATION

#### Emergency Overview

#### **WARNING**

Vapor harmful. Irritating to eyes. Irritating to skin. Irritating to respiratory system. Harmful if swallowed.

**Appearance** liquid

**Odor** little or no odor

#### Potential Health Effects

**Principal Routes of Exposure** Eye contact, skin contact and inhalation.

#### **Acute Effects**

**Eyes**  
**Skin**

Avoid contact with eyes. Severe eye irritation.

Avoid contact with skin. Contact causes severe skin irritation and possible burns. May be absorbed through the skin in harmful amounts.

|                        |  |
|------------------------|--|
| <b>Inhalation</b>      | Avoid breathing vapors or mists. Irritating to respiratory system. May cause respiratory sensitization. May cause headaches, dizziness, drowsiness, unconsciousness, and other central nervous system effects. |
| <b>Ingestion</b>       | Harmful if swallowed. May be fatal if swallowed. May cause blood damage.   |
| <b>Chronic Effects</b> | Avoid repeated exposure. Prolonged exposure may cause chronic effects.   |

See Section 11 for additional Toxicological information.

**Aggravated Medical Conditions** Skin disorders. Asthma and other respiratory disorders.

**HMIS**            **Health:** 1\*            **Flammability:** 1            **Reactivity:** 0            **PPE:** -

#### HMIS Legend

0 - Minimal Hazard

1 - Slight Hazard

2 - Moderate Hazard

3 - Serious Hazard

4 - Severe Hazard

\* - Chronic Hazard

X - Consult your supervisor or S.O.P. for "Special" handling instructions.

*Note: The PPE rating has intentionally been left blank. Choose appropriate PPE that will protect employees from the hazards the material will present under the actual normal conditions of use.*

*Caution: HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although HMIS® ratings are not required on MSDSs under 29 CFR 1910.1200, Inst-X, has chosen to provide them. HMIS® ratings are to be used only in conjunction with a fully implemented HMIS® program by workers who have received appropriate HMIS® training. HMIS® is a registered trade and service mark of the NPCA. HMIS® materials may be purchased exclusively from J. J. Keller (800) 327-6868.*

## 4. FIRST AID MEASURES

|                           |  |
|---------------------------|--|
| <b>General Advice</b>     | No hazards which require special first aid measures.   |
| <b>Eye Contact</b>        | Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Immediate medical attention is required.  |
| <b>Skin Contact</b>       | Wash off immediately with soap and plenty of water removing all contaminated clothes and shoes. If skin irritation persists, call a physician..                                    |
| <b>Inhalation</b>         | Move to fresh air in case of accidental inhalation of vapours. If symptoms persist, call a physician. If not breathing, give artificial respiration. Call a physician immediately. |
| <b>Ingestion</b>          | Immediate medical attention is required. Do not induce vomiting. Drink 1 or 2 glasses of water. Never give anything by mouth to an unconscious person.                             |
| <b>Notes To Physician</b> | Treat symptomatically  |

## 5. FIRE-FIGHTING MEASURES

|                                     |   |
|-------------------------------------|---|
| <b>Suitable Extinguishing Media</b> | Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. |
|-------------------------------------|---|

|  |  |
|--|--|
| <b>Protective Equipment And Precautions For Firefighters</b> | As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear. |
| <b>Specific Hazards Arising From The Chemical</b>            | Closed containers may rupture if exposed to fire or extreme heat.  |
| <b>Sensitivity To Mechanical Impact</b>                      | No   |
| <b>Sensitivity To Static Discharge</b>                       | No   |
| <b>Flash Point Data</b>                                      |  |
| Flash Point (°F)   | >375   |
| Flash Point (°C)   | 191  |
| Flash Point Method   | Not applicable   |
| <b>Flammability Limits In Air</b>                            |  |
| Lower Explosion Limit  | Not applicable   |
| Upper Explosion Limit  | Not applicable   |

**NFPA**      **Health:** 1      **Flammability:** 1      **Instability:** 0      **Special:** -

#### NFPA Legend

- 0 - Not Hazardous
- 1 - Slightly
- 2 - Moderate
- 3 - High
- 4 - Severe

*The ratings assigned by Insl-X are only suggested ratings, the contractor/employer has ultimate responsibilities for NFPA ratings where this system is used.*

*Additional information regarding the NFPA rating system is available from the National Fire Protection Agency (NFPA) at [www.nfpa.org](http://www.nfpa.org).*

## 6. ACCIDENTAL RELEASE MEASURES

|                                  |  |
|----------------------------------|--|
| <b>Personal Precautions</b>      | Avoid contact with skin, eyes and clothing. Ensure adequate ventilation.. Use personal protective equipment. |
| <b>Environmental Precautions</b> | Prevent further leakage or spillage if safe to do so.  |
| <b>Methods For Clean-Up</b>      | Soak up with inert absorbent material. Sweep up and shovel into suitable containers for disposal.            |
| <b>Other Information</b>         | None known   |

## 7. HANDLING AND STORAGE

|                 |  |
|-----------------|--|
| <b>Handling</b> | Wear personal protective equipment. Avoid contact with skin, eyes and clothing. Avoid breathing vapors, spray mists or sanding dust. Use only in area provided with appropriate exhaust ventilation. In case of insufficient ventilation, wear suitable respiratory equipment. Remove and wash contaminated clothing before re-use. Do not ingest. |
|-----------------|--|

**Storage** Keep containers tightly closed in a cool, well-ventilated place. Keep out of the reach of children.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### Exposure Limits

#### Hazardous Components

| Chemical Name                | ACGIH | OSHA |
|------------------------------|-------|------|
| Ethanol, 2-(2-butoxyethoxy)- | N/E   | N/E  |

#### Legend

ACGIH - American Conference of Governmental Industrial Hygienists Exposure Limits

OSHA - Occupational Safety & Health Administration Exposure Limits

N/E - Not Established

**Engineering Measures** Ensure adequate ventilation, especially in confined areas.

#### Personal Protective Equipment

**Eye/Face Protection** Goggles. If splashes are likely to occur, wear: Face-shield.  
**Skin Protection** Impervious gloves. Chemical resistant apron. Boots.  
**Respiratory Protection** In case of insufficient ventilation wear suitable respiratory equipment.

**Hygiene Measures** Avoid contact with skin, eyes and clothing. Remove and wash contaminated clothing before re-use. Wash thoroughly after handling.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

|                                   |                   |
|-----------------------------------|-------------------|
| <b>Appearance</b>                 | liquid            |
| <b>Odor</b>                       | little or no odor |
| <b>Density (lbs/gal)</b>          | 8.8 - 9.1         |
| <b>Specific Gravity</b>           | 0.9 - 1.1         |
| <b>pH</b>                         | Not available     |
| <b>Viscosity (centistokes)</b>    | Not available     |
| <b>Evaporation Rate</b>           | Not available     |
| <b>Vapor Pressure</b>             | Not available     |
| <b>Vapor Density</b>              | Not available     |
| <b>Wt. % Solids</b>               | 55 - 65           |
| <b>Vol. % Solids</b>              | 55 - 60           |
| <b>Wt. % Volatiles</b>            | 35 - 45           |
| <b>Vol. % Volatiles</b>           | 40 - 45           |
| <b>VOC Regulatory Limit (g/L)</b> | Not applicable    |
| <b>Boiling Point (°F)</b>         | >200              |
| <b>Boiling Point (°C)</b>         | >93               |
| <b>Freezing Point (°F)</b>        | Not available     |
| <b>Freezing Point (°C)</b>        | Not available     |
| <b>Flash Point (°F)</b>           | >375              |
| <b>Flash Point (°C)</b>           | 191               |
| <b>Flash Point Method</b>         | Not applicable    |

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Upper Explosion Limit Not applicable  
Lower Explosion Limit Not applicable

## 10. STABILITY AND REACTIVITY

Chemical Stability Stable under normal conditions.  
Conditions To Avoid Prevent from freezing  
Incompatible Materials Strong acids, oxidizing agents.  
Hazardous Decomposition Products None under normal use.  
Possibility Of Hazardous Reactions None under normal conditions of use.

## 11. TOXICOLOGICAL INFORMATION

### Acute Toxicity

#### **Product**

No information available

#### **Component**

Ethanol, 2-(2-butoxyethoxy)-

LD50 Oral: 3384 mg/kg (Rat)

LD50 Dermal: 2700 mg/kg (Rabbit)

### Chronic Toxicity

#### **Carcinogenicity**

*There are no known carcinogenic chemicals in this product above reportable levels.*

## 12. ECOLOGICAL INFORMATION

### Ecotoxicity Effects

#### **Product**

##### Acute Toxicity to Fish

No information available

##### Acute Toxicity to Aquatic Invertebrates

No information available

## 12. ECOLOGICAL INFORMATION

### Acute Toxicity to Aquatic Plants

No information available

### Component

#### Acute Toxicity to Fish

No information available

### Acute Toxicity to Aquatic Invertebrates

No information available

Ethanol, 2-(2-butoxyethoxy)-

EC50: 100 mg/L (Daphnia - 48 hr.)

### Acute Toxicity to Aquatic Plants

No information available

## 13. DISPOSAL CONSIDERATIONS

### **Waste Disposal Method**

Dispose of in accordance with federal, state, and local regulations. Dry, empty containers may be recycled in a can recycling program. Local requirements may vary, consult your sanitation department or state-designated environmental protection agency for more disposal options.

## 14. TRANSPORT INFORMATION

DOT Not regulated

ICAO / IATA Not regulated

IMDG / IMO Not regulated

## 15. REGULATORY INFORMATION

### International Inventories

**United States TSCA**

Yes - All components are listed or exempt.

**Canada DSL**

No - Not all of the components are listed.

One or more component is listed on NDSL.

### Federal Regulations

#### SARA 311/312 hazardous categorization

|                       |     |
|-----------------------|-----|
| Acute Health Hazard   | Yes |
| Chronic Health Hazard | Yes |
| Fire Hazard           | No  |

|                                   |    |
|-----------------------------------|----|
| Sudden Release of Pressure Hazard | No |
| Reactive Hazard                   | No |

**SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372:

| <u>Chemical Name</u>         | <u>CAS-No</u> | <u>Weight % (max)</u> |
|------------------------------|---------------|-----------------------|
| Ethanol, 2-(2-butoxyethoxy)- | 112-34-5      | 10                    |

*This product may contain trace amounts of (other) SARA reportable chemicals. Contact Insl-X for further information.*

**Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 61)**

This product contains the following HAPs:

| <u>Chemical Name</u>         | <u>CAS-No</u> | <u>Weight % (max)</u> |
|------------------------------|---------------|-----------------------|
| Ethanol, 2-(2-butoxyethoxy)- | 112-34-5      | 10                    |

*This product may contain trace amounts of (other) HAPs chemicals. Contact Insl-X for further information.*

**State Regulations****California Proposition 65**

*This product may contain small amounts of materials known to the state of California to cause cancer or reproductive harm.*

**State Right-to-Know**

| <u>Chemical Name</u>         | <u>Massachusetts</u> | <u>New Jersey</u> | <u>Pennsylvania</u> | <u>Louisiana</u> | <u>Rhode Island</u> |
|------------------------------|----------------------|-------------------|---------------------|------------------|---------------------|
| Ethanol, 2-(2-butoxyethoxy)- |                      | X                 | X                   |                  |                     |

**Legend**

X - Listed

## 16. OTHER INFORMATION

**WARNING!** If you scrape, sand, or remove old paint, you may release lead dust. LEAD IS TOXIC. EXPOSURE TO LEAD DUST CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE. Wear a NIOSH approved respirator to control lead exposure. Clean up carefully with a HEPA vacuum and a wet mop. Before you start, find out how to protect yourself and your family by contacting the National Lead Information Hotline at 1-800-424-LEAD or log on to [www.epa.gov/lead](http://www.epa.gov/lead).

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Disclaimer

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**End of MSDS**