



# MATERIAL SAFETY DATA SHEET

**PRODUCT NAME: ENCAPUCLEAN CC0**

## SECTION 1: COMPANY AND PRODUCT IDENTIFICATION

**PRODUCT NAME:** Encapuclean

Manufactured By:

Bridgepoint Systems

4282 W 590 W

Salt Lake City, Utah 84123

Company Phone Number: 801-261-1282

Emergency Phone Number: 1-800-535-5053 (Infotrac)

Date Prepared: 02/01/2011

Hazard Rating (Zero=Insignificant 1=Slight 2=Moderate 3=High 4=Extreme)

Fire: 0 Health: 1 Reactivity: 0

## SECTION 2 COMPOSITION/INFORMATION ON COMPONENTS

PRINCIPLE HAZARDOUS INGREDIENTS:

Glycol Ether DPNB (CAS # 29911-28-2)

TLV

N/E

OSHA PEL

N/E

## SECTION 3 HAZARDS IDENTIFICATION

### EMERGENCY OVERVIEW

#### IMMEDIATE HEALTH EFFECTS

**Eyes:** Overexposure may cause irritation to eyes.

**Skin:** Prolonged and repeated contact may cause irritation to skin.

**Inhalation:** Inhalation is not likely to cause harmful effects.

**Ingestion:** Single dose oral toxicity is low. Swallowing large amounts may be harmful.

**PRIMARY ROUTES OF ENTRY:** Eyes, skin contact/absorption, inhalation or ingestion.

**SIGNS/SYMPTOMS OF OVEREXPOSURE:** Gastrointestinal irritation (nausea, vomiting, diarrhea), and/or irritation to the skin, eyes, nose, throat, and respiratory tract.

**TARGET ORGAN EFFECTS:** Irritation of the skin and eyes. Irritation of lungs possible if mists/aerosols are inhaled repeatedly.

**REPRODUCTIVE/DEVELOPMENTAL INFORMATION:** No data available.

**CARCINOGENIC INFORMATION:** None of the ingredients of this material are listed as carcinogens by IARC, NTP, or OSHA.

**LONG TERM EFFECTS:** No data available.

**PRIMARY ROUTES OF ENTRY:** Eyes, skin contact/absorption, inhalation or ingestion.

**SIGNS/SYMPTOMS OF OVEREXPOSURE:** Gastrointestinal irritation (nausea, vomiting, diarrhea), and/or irritation to the skin, eyes, nose, throat, and respiratory tract.

**MATERIAL SAFETY DATA SHEET**  
**PRODUCT NAME: ENCAPUCLEAN CC06**

Page 2 of 4

**TARGET ORGAN EFFECTS:** Irritation of the skin and eyes. Irritation of lungs possible if mists/aerosols are inhaled repeatedly.

**REPRODUCTIVE/DEVELOPMENTAL INFORMATION:** No data available.

**CARCINOGENIC INFORMATION:** None of the ingredients of this material are listed as carcinogens by IARC, NTP, or OSHA.

**LONG TERM EFFECTS:** No data available.

**SECTION 4 FIRST AID MEASURES**

**EYES:** Flush eyes with water for at least 15 minutes. If irritation persists, consult a physician.

**SKIN:** If irritation occurs, flush skin with water for at least 15 minutes. If irritation persists, consult a physician

**INHALATION:** If symptoms of overexposure develop, remove to fresh air. If symptoms persist, consult a physician.

**INGESTION:** Give 8 to 16 ounces of water to dilute substance. Do not induce vomiting. Consult a physician or local Poison Control Center. Never give anything by mouth to an unconscious person.

**SECTION 5 FIRE FIGHTING MEASURES**

**FLASHPOINT (° Fahrenheit):** No flash below boil.

**EXPLOSIVE LIMITS:** No data available.

**AUTOIGNITION TEMPERATURE:** No data available.

**HAZARDOUS PRODUCTS OF COMBUSTION:** In the event of fire, the following may be released: Carbon dioxide and/or carbon monoxide.

**EXTINGUISHING MEDIA:** Water spray, foam, dry chemical powder of carbon dioxide.

**FIRE FIGHTING INSTRUCTIONS:** Firefighters should wear proper protective equipment and self-contained breathing apparatus with full facepiece operated in positive pressure mode. Move containers from fire area if it can be done without risk. Use water to keep fire-exposed containers cool.

**NFPA/HMIS RATINGS:** Health: 1, Flammability: 0, Reactivity: 0

**SECTION 6 ACCIDENTAL RELEASE MEASURES**

**SMALL SPILL:** For small spills, soak up material with an absorbent such as clay, sand, or other suitable material and dispose of properly. Flush area with water to remove trace residue.

**LARGE SPILL:** Wear respirator and protective clothing as appropriate. Shut off source of leak if it is safe to do so. Dike and contain spilled material. Remove with vacuum trucks or pump to storage/salvage containers. Soak up residue with an absorbent such as clay, sand, or other suitable material. Flush area with water to remove trace residue.

**SECTION 7 HANDLING AND STORAGE**

**HANDLING:** Handle and open containers with care. Do not handle near an open flame, heat, or other source of ignition.

**STORAGE:** Store in a cool, well ventilated place away from incompatible materials. Do not store near an open flame, heat, or other source of ignition. Protect material from direct sunlight.

**SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION**

**MATERIAL SAFETY DATA SHEET**  
**PRODUCT NAME: ENCAPUCLEAN CC06**

Page 3 of 4

**EYE/FACE PROTECTION:** Chemical splash goggles in compliance with OSHA regulations are advised; however, OSHA regulations also permit other types of safety glasses. Consult your safety representative.

**SKIN PROTECTION:** Wear rubber gloves (consult your safety representative). Wear impervious clothing and boots to prevent repeated or prolonged skin contact.

**RESPIRATORY PROTECTION:** If workplace exposure limits of product or any component are exceeded, a NIOSH/MSHA approved air supplied respirator is advised in absence of proper environmental control. OSHA regulations also permit other NIOSH/MSHA respirators (negative pressure type) under specified conditions (consult your safety representative). Engineering controls or administrative controls should be implemented to reduce exposure.

**ENGINEERING CONTROLS:** Provide sufficient mechanical ventilation (general and local exhaust) to maintain exposure below the level of overexposure from known, suspected or apparent adverse effects.

**SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES**

**APPEARANCE AND ODOR:** Clear liquid/mild lemon fragrance

**pH:** 7.5

**VAPOR PRESSURE:** No data available.

**VAPOR DENSITY:** No data available.

**BOILING POINT:** 212 °F

**SOLUBILITY IN WATER:** Dispersible.

**EVAPORATION RATE:** (water = 1) approximately 1

**DENSITY:** 1.062

**SECTION 10 STABILITY AND REACTIVITY**

**CHEMICAL STABILITY:** Stable.

**CONDITIONS TO AVOID:** None with proper storing and handling.

**MATERIALS TO AVOID:** Oxidizing materials.

**HAZARDOUS DECOMPOSITION:** Upon combustion, the following may be produced:

Carbon monoxide and/or carbon dioxide.

**HAZARDOUS POLYMERIZATION:** Will not occur.

**SECTION 11 TOXICOLOGICAL INFORMATION**

**ROUTES OF EXPOSURE:** Skin absorption, eye contact, inhalation, and ingestion.

**CARCINOGENITY:** None of the components of this material are listed as carcinogens by IARC, NTP, or OSHA.

**TERATOGENICITY, MUTAGENICITY, OR OTHER REPRODUCTIVE EFFECTS:** No data available.

**CONDITIONS AGGRAVATED BY EXPOSURE:** No data available.

**SYNERGISTIC MATERIALS:** No data available

**Glycol Ether DPNB**

Ingestion -LD50, Rat, female 3,700 mg/kg LD50, Rat, male 4,400 mg/kg

Skin Absorption -LD50, Rabbit, male 6,490 mg/kg, LD50, Rabbit, female 5,330 mg/kg

Inhalation -LC50, 4 h, Aerosol, Rat > 2.04 mg/l

**MATERIAL SAFETY DATA SHEET**  
**PRODUCT NAME: ENCAPUCLEAN CC06**

Page 4 of 4

**SECTION 12 ECOLOGICAL INFORMATION**

**Glycol Ether DPNB**

Fish Acute & Prolonged Toxicity -LC50, guppy (*Poecilia reticulata*), 96 h: 841 mg/l  
Aquatic Invertebrate Acute Toxicity -LC50, water flea *Daphnia magna*: > 1,000 mg/l

**SECTION 13 DISPOSAL CONSIDERATIONS**

Do not dispose of on the land, in surface waters, or in storm drains. Small spills and waste may be flushed into a waste treatment sewer where local regulations permit. Larger quantities should be collected for reuse or consigned to a licensed hazardous waste hauler for disposal in accordance with federal, state and local regulations. **All disposal must be in accordance with all federal, state and local regulations.**

**SECTION 14 TRANSPORT INFORMATION**

No restrictions for Ground, Air, or Maritime Transportation in accordance with 49 CFR parts 100-185.

**SECTION 15 REGULATORY INFORMATION**

**US Federal Regulations:**

All components are listed on TSCA

**SECTION 16 OTHER INFORMATION**

This product has no established regulatory information. All regulatory information given is based on individual components of the mixture by component number. While this information and recommendations set forth herein are believed to be accurate and reliable, it is provided without warranty regarding its accuracy. BRIDGEPOINT SYSTEMS MAKES NO WARRANTY WITH RESPECT HERETO AND DISCLAIMS ALL LIABILITY FROM RELIANCE THEREON. Users must determine safe conditions for use and assume liability for any loss, injury, damage or expense resulting from use of this product.

N/A= Not applicable N/D= Not determined N/E= Not established