MATERIAL SAFETY DATA SHEET

PRODUCT: CBI - FUEL CHAFFING 4HR WITH WICK

CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

MANUFACTURER
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PRODUCT CODES
W224 W424 W624

PRODUCT DESCRIPTION
A metal can, cap & innerseal with a fiberglass wick using the Chemical Diethylene Glycol as a fuel source.
Minimum fuel per can 2 fluid ounces.
Maximum fuel per can 10 fluid ounces.

CAN, CAP, INNERSEAL AND FIBERGLASS WICK ARE INERT INGREDIENTS.
THE BALANCE OF THIS MATERIAL SAFETY DATA SHEET ONLY PERTAINS TO THE CHEMICAL INGREDIENT, DIETHYLENE GLYCOL.

CHEMICAL FAMILY
Glycol

CHEMICAL NAME
Diethylene Glycol
(Synonyms: DEG 2.2' Dihydroxyethyl Ether, Ethanol, 2.2' oxybis; Diglycol; Ethylene Diglycol)

CAS NUMBER
111-46-6

NFPA CODES
Flammability 1 0=None
Reactivity 0 4=Extreme
Health Toxicity 1

EMERGENCY NUMBERS
Poison Control Center 1.800.222.1222
COMPOSITION/INFORMATION ON INGREDIENTS:

OSHA REGULATED COMPONENTS (present at a concentration $\geq 1\%$):

<table>
<thead>
<tr>
<th>COMPONENT</th>
<th>CAS#</th>
<th>%</th>
<th>PEL</th>
<th>TLV</th>
</tr>
</thead>
<tbody>
<tr>
<td>Diethylene Glycol</td>
<td>111-46-6</td>
<td>100.0</td>
<td>NE</td>
<td>NE</td>
</tr>
</tbody>
</table>

The following components, present at a concentration $\geq 0.1\%$, are listed as carcinogens or potential carcinogens by either the National Toxicology Program (NTP), the International Agency for Research on Cancer (IARC) or OSHA:

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</thead>
<tbody>
<tr>
<td>None</td>
<td></td>
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</table>

HAZARDS IDENTIFICATION

Exposure Limits
None established

Effects of Exposure

Inhalation
Short term harmful health effects are not expected from vapor generated at ambient temperature. Vapor or mist from exposed heated material may cause nausea and headache.

Ingestion
Moderately high toxicity. May cause pain or discomfort in the abdomen, pain in the lumbar region, nausea, vomiting, diarrhea, dizziness, drowsiness, decreased urine production, malaise, and loss of consciousness. Severe kidney damage may occur which can be fatal. Liver injury may also occur.

Skin and Eye Contact
No evidence of harmful effects from available information to skin. Product could cause mild discomfort to eyes. Excess redness of the conjunctiva may occur.

Chronic Effects
Repeated overexposure to vapor or mist may cause headache, nausea and dizziness.

Medical Conditions Aggravated by Exposure
Knowledge of available toxicology information and of the physical and chemical properties of the material suggest that overexposure is unlikely to aggravate existing medical condition

FIRST AID

Inhalation
Remove to fresh air. If not breathing, give artificial respiration. Get medical attention immediately.
| **Eye Contact** | Flush eye with large amount of water for at least 15 minutes while holding eyelid open. Get medical attention immediately. |
| **Skin Contact** | Remove contaminated clothing and wash affected skin area with soap and water. Do not use contaminated clothing until thoroughly washed with soap and water. |
| **Ingestion** | Do not induce vomiting. Get medical attention immediately. |

### FIRE FIGHTING MEASURES

| **Flash Point** | 305 F TCC |
| **Auto Ignition Point** | Not determined |
| **Flammable Limits** |  
| lel 2.0  
| uel 12.3  |
| **Extinguishing Media** | Use water fog, water, alcohol foam, dry chemical, carbon dioxide |
| **Special Fire Fighting Procedures** | Material will not burn unless preheated. Do not enter a confined fire space where cases of this product are stored without full bunker gear, including a positive pressure self-contained breathing apparatus (SCBA). Cool fire exposed containers with water. |

### ACCIDENTAL RELEASE MEASURES

| **Spill and Leak Precautions** | May burn, although not readily ignitable. For small spills or leaks, take up with an absorbent material and dispose of properly. Soak up residue with soap and water to remove trace residue. |

### HANDLING AND STORAGE

| **Storage and Handling** | Store unused cases in a cool dry area. Contents are not under pressure. Avoid contact with the liquid in the can. Wash areas of contact with the liquid with soap and water |

### EXPOSURE CONTROL/PERSONAL PROTECTION

| **Respiratory Protection** | None expected to be needed at normal room temperatures. |
| **Eye Protection** | None expected to be needed when handled according to directions on the can. |
| **Skin Protection** | Wash areas of contact with the liquid with soap and water. |
PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point: 473.5°F @ 760 mm Hg
Vapor Pressure: 0.002 mm Hg
Vapor Density: 3.65 (Air = 1)
Solubility: Soluble
Appearance: Clear Colorless Liquid
Odor: Odorless to slightly sweet.
Specific Gravity: 1.12 @ 60°F (Water = 1)
Evaporation: <0.001 (Butyl acetate = 1)
Freezing Point: 16.4°F
pH: 6-9

STABILITY AND REACTIVITY

Stability: Stable
Conditions To Avoid: Excess heat and flame around filled cases or sealed cans.
Incompatibility: Explosive decomposition may occur if combined with strong acids or strong bases and subjected to elevated temperatures. Also avoid contamination with strong oxidizing agents.
Polymerization: Will not occur
Hazardous Combustion and Or decomposition Products: Carbon Monoxide and/or Carbon Dioxide may form during combustion.

TRANSPORTATION INFORMATION

Shipping Name: Diethylene Glycol
Hazard Class: Non-hazardous Liquid
REGULATORY INFORMATION

Comprehensive Environmental Response, Compensation and Liability Act (CERCLA)
This product contains no chemicals subject to the reporting requirements of CERCLA.

Superfund Amendments and Reauthorization Act of 1986 (SARA) Title III
This product contains no chemicals subject to the reporting requirements of SARA Title III, Section 311, 312

Subpart Z, OSHA
This product contains no chemicals that are on the list of chemicals that have substance-specific requirements.

This product is considered hazardous under the OSHA Hazardous Communication Standard (29 CFR 1910.1200)

NOTE
This product is to be used as specified on the box and can only. Keep out of the reach of children. Do not take internally. Never leave an open flame unattended.

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