

# MATERIAL SAFETY DATA SHEET

FOAM KILL

Date Revised: 12-01-2009

## SECTION 1 – MATERIAL AND MANUFACTURER IDENTIFICATION

Product Identifier: Foam Kill  
Product Use: Concentrated anti-foam

### MANUFACTURER

CTI (Chemical Technologies International Inc.)  
PO BOX 968  
Rancho Cordova, CA 95741  
Phone: (916) 638-1315 Fax: (916) 638-1315  
Emergency Assistance Calls: Chemtrec (800) 424-9300

## SECTION 2 – COMPOSITION / INFORMATION ON REPORTABLE HAZARDOUS INGREDIENTS

| <u>COMPONENT</u>              | <u>CAS #</u> |
|-------------------------------|--------------|
| Polydimethylsiloxane emulsion | n/a          |

## SECTION 3 – HAZARD IDENTIFICATION

### POTENTIAL HEALTH EFFECTS

#### Swallowing

##### Acute effects

No evidence of harmful effects from available information.

#### Skin absorption

##### Acute effects

No evidence of harmful effects from available information.

#### Inhalation

##### Acute effects

Short-term harmful health effects are not expected from vapor generated at ambient temperature.

#### Skin contact

##### Acute effects

May cause minor irritation.

May cause the following effects:

- itching
- slight local redness

#### Eye contact

##### Acute effects

No evidence of harmful effects from available information.

#### Medical conditions aggravated by overexposure

A knowledge of the available toxicology information and of the physical and chemical properties of the material suggests that overexposure is unlikely to aggravate existing medical conditions.

#### Other effects of overexposure

No adverse effects anticipated from available information.

### NFPA GUIDE

|                     |          |   |
|---------------------|----------|---|
| HEALTH HAZARD       | (BLUE)   | 1 |
| FLAMMABILITY HAZARD | (RED)    | 0 |
| REACTIVITY HAZARD   | (YELLOW) | 0 |
| OTHER HAZARD        | (WHITE)  |   |

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## SECTION 4 – PHYSICAL AND CHEMICAL CHARACTERISTICS

Appearance: Milky Liquid  
Boiling Point: 100 C    Specific Gravity: 1.004    Vapor Pressure: N/A  
Melting Point: N/A    Odor: No odor    Vapor Density: N/A  
Evaporation Rate: N/A    H2O Soluble Dispers.    SLTN pH: 7

## SECTION 5 – FIRE AND EXPLOSION HAZARD DATA

Flash Point: None  
Flammable Limits In Air: N/A  
Method Used: N/A  
Extinguishing Media: N/A  
Lower: N/A  
Upper: N/A  
Special Fire Fighting Procedures: Use NIOSH approved self contained, pressure breathing apparatus and full protective clothing: If involved in a fire, toxic and irritating gases and residue may evolve.

## SECTION 6 – REACTIVITY DATA

Stability: Stable  
Conditions to avoid: None known  
Materials To Avoid: N/A  
Hazardous Decomposition Products: Burning can produce carbon monoxide, CO2, Silicon dioxide, Formaldehyde.

## SECTION 7 – HEALTH HAZARD DATA

### Work and hygiene:

This product is professional strength product to be used by professionals only. As with all chemicals, practice good industrial hygiene when handling this product. In other words, always work in a well-ventilated area and avoid inhalation of product dust, vapor or mist, do not ingest or have contact with your eyes or skin.

### Storage and handling:

Employees should be trained to handle this product safely. Store the product in a cool dry area away from ignition sources.

The manufacturer and seller warrants that this product conforms to its standard specifications when used according to directions. As the conditions of method of its use are beyond our control, we do not assume any responsibility and expressly disclaim any liability for use of this product. Information contained herein is believed to be true but all statements and suggestions are made without any warranty, expressed or implied, regarding accuracy of the information. The hazards connected with the use of this material and the results to be obtained from the use thereof.

## SECTION 8 – EXPOSURE / PERSONAL PROTECTION

### EXPOSURE LIMITS

Exposure limits have not been established for this mixture. However limits for individual ingredients at 100% concentration by number listed in section 2 are listed below:

| <u>COMPONENT #</u>                      | <b>OSHA PEL<br/>TWA STEL</b> | <b>ACGIH TLV<br/>TWA STEL</b> | <b>NIOSH<br/>TWA STEL</b> |
|---|------------------------------|-------------------------------|---------------------------|
| Contains no reportable hazard materials |                              |                               |                           |

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First Aid:

Inhalation: No evidence of adverse effects from available information.

Eye Contact: No evidence of adverse effects from available information.

Skin Contact: May cause mild irritation, seen as local redness.

Ingestion: Consult physician immediately.

## Personal Protection:

To minimize exposure to all chemicals, including this product, use good industrial hygiene and common sense:

Ventilation and engineering controls: Use only in well ventilated area. If necessary, use exhaust ventilation to insure adequate ventilation. Insure that water is readily available and that you are prepared to properly wash out your eyes should the need arise. (Refer to section 4).

Respiratory: Wear NIOSH/MSHA approved organic respirator when ventilation is not adequate or when the sufficiency of ventilation to maintain concentrations below exposure limits is in question.

Eye Protection: Wear safety goggles to protect against eye contact. See OSHA 29 CFR 1910.33

Skin: Wear chemical impervious gloves. Wear protective clothing appropriate for the task to prevent skin contact.

Other: One should always use chemicals with an awareness of the potential hazard of the effect on the human system.

## SECTION 9 – PRECAUTIONS FOR SAFE HANDLING

SPILLS: For small spills, wipe up and dispose of properly. For large spills, contain by diking with soil or other non-combustible sorbent material and then dispose into DOT approved waste containers. Keep out of sewers, storm drains, surface waters and soils. Comply with all applicable governmental regulations on spill reporting and handling of waste.

NEUTRALIZING CHEMICALS: N/A

WASTE DISPOSAL: Per local regulations.

SPECIAL PRECAUTIONS TO BE TAKEN IN HANDLING: N/A

## SECTION 10 – PERSONAL PROTECTION

Ventilation: Use with adequate ventilation

Respiratory Protection: Avoid breathing vapor

Eye Protection: Safety goggles when necessary

Gloves: Not normally required

Other: Not generally required

## Section 11- TOXICOLOGICAL INFORMATION

Toxicological information has not been established on this mixture. However information for 100% concentrate of individual ingredients by number from section 2 are given here.

| <u>Component #</u> | <u>Information</u> |
|--------------------|--------------------|
|--------------------|--------------------|

|  |   |
|--|---|
|  | Contains no reportable hazard materials |
|--|---|

One should always use chemical with an awareness of the potential hazard of the effect on the human system. To minimize employee exposure to all chemicals, including this product, use good industrial hygiene practices.

# MATERIAL SAFETY DATA SHEET

## SECTION 12 – DISCLAIMER OF LIABILITY

All information appearing herein is based upon data obtained from the manufacturer and /or recognized technical sources of each individual component. While the information is believed to be accurate, CTI makes no representations as to its accuracy or sufficiency. Conditions of use are beyond CTI's control and therefore users are responsible to verify this data under their own operating conditions to determine whether this product is suitable for their particular purposes and they assume all risks of their use, handling, and disposal of the product, or from the publication or use of, or reliance on information contained herein. This information relates only to the product-designated herein, and does not relate to its use in combination with any other material or in any other process.

**Legend:**

**References:**

Sigma-Aldrich Corporation 4/29/2009  
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