

MATERIAL SAFETY DATA SHEET

Crystal Foam Kill

Date Prepared: 01/01/2009

SECTION 1 – MATERIAL AND MANUFACTURER IDENTIFICATION

Product Identifier: Crystal Foam Kill
Product Use: Defoamer

MANUFACTURER

CTI (Chemical Technologies International Inc.)

3765 Omec Circle #2

Rancho Cordova, CA 95742

Phone: (916) 638-1315 Fax: (916) 638-0712

Emergency Assistance Calls: Chemtrec (800) 424-9300 (U.S.A.) 24hrs.

SECTION 2 – COMPOSITION / INFORMATION ON INGREDIENTS

This product has not been tested as a whole for health effects on animals or humans. According to the OSHA Hazardous Communications Standard (29 CFR 1910.1200) any hazardous ingredients that comprise >1.0% of the material and any carcinogenic ingredients that comprise >0.1% must be listed on the MSDS. When individually tested at 100% ingredients in the make-up of this product posed the following health hazards.

SECTION II a: HAZARDOUS INGREDIENTS >1.0%

None.

SECTION II b: CARCINOGENIC INGREDIENTS AT >0.1%

None.

(SEE SECTION 8 FOR EXPOSURE GUIDELINES)

SECTION 3 – Hazards Identification

EYES: May cause eye irritation.

SKIN: None expected.

INHALATION: None expected.

INGESTION: May cause abdominal discomfort, nausea and diarrhea.

SECTION 4 – FIRST AID MEASURES

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

INGESTION: Drink 1 to 2 glasses of water. Consult physician.

INHALED: Remove to fresh air. If symptoms persist or are severe seek prompt medical assistance.

SKIN: Remove contaminated clothing. Thoroughly wash exposed area with soap and water.

PHYSICIAN: Treatment based on judgment of attending physician.

SECTION 5 – Fire Fighting Measures

FLASH POINT: N/A

AUTO-IGNITION TEMPERATURE: N/D

EXPLOSIVE LIMITS - UEL: N/D LEL: N/D

EXTINGUISHING MEDIA: Alcohol foam, water fog, CO₂ or dry chemical.

SPECIAL FIRE FIGHTING PROCEDURES: Use NIOSH/MSHA approved self-contained positive pressure breathing apparatus and protective clothing where this material is involved in a fire.

UNUSUAL FIRE AND EXPLOSION HAZARD: None known.

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SECTION 6 – ACCIDENTAL RELEASE MEASURES

Soak up spilled material with absorbent clay and dispose according to local, state and federal regulations.

SECTION 7 – PRECAUTIONS FOR SAFE HANDLING AND STORAGE

No special precautions required.

SECTION 8 – EXPOSURE / PERSONAL PROTECTION

VENTILATION: Local exhaust or dilution ventilation is necessary in poorly ventilated areas.

GLOVES: Rubber gloves.

RESPIRATORY: Not usually required.

EYE: Safety glasses. Wear splash goggles when mists or aerosols are anticipated.

OTHER PROTECTIVE EQUIPMENT: Body-covering clothing should be worn.

SECTION 9 – Physical and Chemical properties

APPEARANCE AND ODOR: White crystalline powder with low odor.

WATER SOLUBILITY, % BY WT: 75-77 LOOSE BULK DENSITY: 0.80-0.85g/cc

VOLATILE BY WT: Negligible.

PH @ use: 5.5-6.5

SECTION 10 – Stability and Reactivity

STABILITY: Stable

HAZARDOUS POLYMERIZATION: Will not occur.

INCOMPATIBILITY: Strong Acids

HAZARDOUS DECOMPOSITION/COMBUSTION PRODUCTS: Possibly oxides of carbon and other unidentified organic compounds.

Section 11- Toxicological Information

Not available.

Section 12- Ecological Information

Ready to use solution is biodegradable. No other information is available.

Section 13- Disposal practices

WASTE DISPOSAL: In accordance with Federal, state and local regulations.

NEUTRALIZING CHEMICALS: Water.

Section 14- Transport information

No Regulations 49CFR as shipped

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Section 15- Regulatory Information

Domestic:

TSCA: All ingredients are listed on the TSCA chemical substance inventory.

SARA Section 313 Ingredients: None.

California Prop 65 Ingredients: None.

International:

Canadian product classification:

D2B.

EC Safety(S) and Risk(R) Phrases:

S2, S26, S46, S51

R36, R37, R38

Other:

NFPA:

Health:1

Fire: 0

Reactivity:0

Section 16- Other Information

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: