

**I. Product Identification:**

**Product Name-** Chill Out  
**Product Use-** Cooling and defoaming agent for edgers  
**LAST UPDATED 03/03/2004**  
**Identification Number-** 23003, 230034, 23009  
**NFPA Hazard Ratings: Health- 0, Fire- 1, Reac.- 0**

**II. Hazardous Components:**

<b>Hazardous Ingredients</b>	<b>CAS or UN number</b>	<b>TLV (mg/m<sup>3</sup>)</b>	<b>LD50/LC50</b>
None	-	-	-

**III. Physical Data:**

**Appearance and Odor-** Blue odorless liquid  
**Boiling Point-** 188°C (370°F)  
**Density (g/ml)-** For liquids and solids, density = specific gravity  
**Evaporation Rate (Butyl Acetate = 1)-** Not Applicable  
**Melting Point-** Below 0°C (32°F)  
**Odor Threshold-** Not available  
**Percent Volatile (v/v)-** Not available  
**Physical State-** Liquid  
**pH-** Not available  
**Specific Gravity (Water = 1)-** 1.038 @ 20°C (68°F)  
**Vapor Density (Air=1)-** 2.62  
**Vapor Pressure-** .088mmHg  
**Solubility in Water-** Miscible in most proportions

**IV. Fire and Explosion Data:**

**Flammability (Flashpoint below 37.8° C)-** No  
**Flammable Limits: Lower-** 2.6%, **Upper-** 12.5%  
**Flash Point-** 103°C  
**Auto ignition Temperature-** Not available  
**Extinguishing Media:** Alcohol Foam, Dry Chemical, Water Spray/Fog  
**Explosion Data-** Not available  
**Special Fire Fighting Procedures-** Not available

**V. Health Hazard Data:**

**Primary Routes of entry:** Skin, Inhalation  
**Eye-** May cause temporary discomfort. Corneal injury unlikely  
**Skin-** Prolonged contact is essentially nonirritating to the skin.  
**Inhalation-** Mists may cause irritation of upper respiratory tract  
**Ingestion-** No hazards expected from swallowing small amounts incidental to normal handling operations.  
Excessive repeated ingestion may cause central nervous system effects.

**VI. First Aid Data:**

**Eyes-** Flush eyes for at least 15 minutes. Consult a physician if irritation persists.  
**Skin-** Wash off with warm soap and water. Consult a physician if irritation persists  
**Inhalation-** Remove to fresh air if effects occur. Consult a physician if irritation persists.  
**Ingestion-** If swallowed seek medical attention. Do not induce vomiting unless directed by medical personnel.

**VII. Corrosivity and Reactivity Data:**

**Stability-** Stable

**Conditions to Avoid-** Avoid oxidizing materials

**Decomposition Products-** May produce byproducts carbon dioxide and carbon monoxide.

**VIII. Chemical Handling:**

**Polymerization-** No

**Handling and Storage-** Exercise reasonable care and caution. Keep and store in a cool dry area.

**Leaks or Spills-** Use dry absorbent material to contain spill. Dispose of material in an approved container.

**Waste Disposal Method-** Reprocess or burn in an approved incinerator in accordance with all federal, state and local requirements.

**IX. Personal Protection Information:**

**Eye-** Use goggles for splash protection.

**Respiratory-** None normally required.

**Gloves-** Chemical resistant if person is sensitive to material.

**Footwear-** None normally required.

**Ventilation-** Local

**Work, Hygienic, Maintenance Practices and Special Clothing:** Exercise reasonable care and caution. Wash before eating smoking or going to the bathroom.

**X. Special Precautions or Other Comments: None.**

**XI. Toxicological Data:**

**Carcinogenicity-** Not a known carcinogen

**Teratogenicity-** Not a known teratogen

**Mutagenicity-** Animal mutagenicity studies were negative.

**Reproductive Effects-** Not known to cause birth defects or interfere with reproduction

**TLV (mg/m<sup>3</sup>)-** Not Available. (50ppm by AIHA)

**LD50-** 25ml/Kg (orally in rats)

**LC50-** Not Available

**XII. Regulatory Information:**

**Sara Hazard Category-** None

**Canadian Right To Know-** Not a "controlled product" under WHMIS