Material Safety Data Sheet

May be used to Comply with OSHA's Hazard Communication Standard, 29 CFR 1910.1200. Standard must be Consulted for specific requirements

HMIS			
HEALTH	1	REACTIVITY	1
FLAMMABILITY	0	PERSONAL PROTECTION	B

Identity (As Used On Label and List)
A1071 Cool It

Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.

Section I

Manufactured for:
OMEGA INDUSTRIAL SUPPLY, INC

Address (Number, Street, City, State, and Zip Code)
4950-B Fulton Drive

Fairfield, CA 94534

Emergency Telephone Number:
1-800-424-9300

Telephone Number for Information:
1-800-571-7347

Date Prepared
03-24-2003

Signature of Prepare (Optional)
REGULATORY DEPT.

Section II - Hazardous Ingredients / Identity Information

Hazardous Components (Specific Chemical Identity, Common Name(s))	CAS No.	OSHA PEL	ACGIH-TLV	Other Limits Recommended.	%(Wt.)
1,1,1,2 Tetrafluoroethane	811-97-2	N/E	N/E		100%

This product is not known to contain any compounds listed and in quantities requiring reporting under SARA Title III Section 313.

Any substance listed as hazardous by the State of California, Florida, Illinois, Michigan, New Jersey, Ohio, Pennsylvania or Texas is described above if known present in regulated concentrations.

Section III - Physical Chemical Characteristics

Boiling Point	~15.7ºF	**Liquid Density (H_2O = 1) @ 77ºF** Concentrate	1.203
Vapor Pressure of can (psig@ 70ºF)	90	**Total VOC**	0%
Vapor Density (Air=1) @ 77ºF	3.6	**Evaporation Rate (Butyl Acetate = 1)**	____
Solubility in Water @ 25ºC	0.15 Wt%	**pH**	N/A

Appearance and Odor—Clear colorless liquid, faint ether-like odor.

Section IV – Fire and Explosion Hazard Data

USA Flame Projection Test (ASTM D-3065)	Flammable Limits	LEL	UEL
Non Flammable Spray	Will not burn	____	____

Extinguishing Media – Foam, CO_2, dry media**.**

Special Fire Fighting Procedures –Wear self-contained breathing apparatus and protective clothing. Cool fire exposed containers to prevent rupturing.

Unusual Fire and Explosion Hazards – Exposure to temperature above 120ºF may cause bursting.

Section V – Reactivity Data

Stability	**Unstable**	☐	**Conditions to Avoid** – Open flame & exposure to high temperatures.
	Stable	X	

Incompatibility (Materials to Avoid) – Alkali or alkaline earth metals- powered Al, Zn, Be, etc.

Hazardous Decomposition or Byproducts – Decomposition products are hazardous. This material can be decomposed by high temperatures (open flames, glowing metal surfaces, etc.) forming hydrofluoric acid and possibly carbonyl fluoride.

Hazardous Polymerization	**May Occur**	☐	**Conditions to Avoid –** None Listed
	Will Not Occur	X	

Section VI – Health Hazard Data

Route(s) of Entry:	**Eyes?**	**Inhalation?**	**Skin?**	**Ingestion?**
	Yes	Yes	Yes	No

Health Hazards (Acute and Chronic) –
See below

Carcinogenicity:	**NTP?**	**IARC Monographs?**	**OSHA Regulated?**
NO	No	No	No

Signs and symptoms of Exposure:
Eyes—Frostbite like effects may occur if the liquid or escaping vapors contact the eyes.
Skin—Immediate effects of overexposure may include: Frostbite if liquid or vapor contact is made with the skin.
Inhalation—Inhalation of high concentrations of vapor is harmful & may cause heat irregularities, unconsciousness or death. Intentional misuse or deliberate inhalation may cause death without warning. Vapors are heavier than air and may accumulate in low lying or confined areas.
Ingestion—Ingestion is not considered a potential route of exposure.

Medical Conditions Generally Aggravated –None Known

Emergency and First Aid Procedures.
Eyes—In case of contact, immediately flush with large amounts of cool running water for at least 15 minutes while holding upper and lower lids open. Call a physician.
Skin— In case of contact immediately flush skin with plenty of water for at least 15 minutes. Remove contaminated clothing and shoes. Call a physician. Treat for frostbite if necessary by gently warming affected area. Wash contaminated clothing before reuse.
Inhalation—If high concentrations are inhaled, immediately remove to fresh air. Keep person calm. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Call a physician.
Ingestion—Ingestion is not considered a potential route of exposure.

Section VII – Precautions For Safe Handling and Use

Steps to be Taken in Case Material is Released or Spilled.
Allow propellant to evaporate. Maintain local exhaust and adequate ventilation. No smoking. Keep sparks, heat sources and open flame far away from spill or leak. Cover with absorbent material and sweep up. Wash area to prevent slipping. Dispose of soaked absorbent material in accordance with Federal state and local law.

Waste Disposal Method – Aerosol cans, when emptied and depressurized through normal use, pose no disposal hazard and should be recycled. Consult Federal State and local authorities for approved procedures.

Precautions to be Taken in Handling and Storing –
Store in a cool, dry area away from heat or open flame. Do not store at temperatures above 120ºF.

Other Precautions –Keep out of reach of children.

Section VIII – Control Measures

Respiratory Protection (Specify Type) –
None needed for proper use in accordance with label directions.

Ventilation	**Local Exhaust**	Adequate	**Special**	N/A
	Mechanical (General)	N/A	**Other**	N/A

Protective Gloves – None needed for proper use in accordance with label directions. Use chemical resistant gloves if hand contact will be made.	**Eye Protection –** None needed unless it is anticipated that a splash or spray back will occur, then wear safety glasses or chemical proof goggles.

Other protective Clothing or Equipment – None

Work/Hygienic Practices – Observe good hygiene. Wash hands thoroughly after eating, drinking, and using restrooms, etc.