Acme
SOAP CO.
QUALITY DETERGENTS
SINCE 1952
1206 FULTON AVE.
SAN ANTONIO, TX 78201
www.acmesoap.com

MATERIAL SAFETY DATA SHEET

PRODUCT NAME: **SUB - 0°** **Freezer Cleaner**

PRODUCT # 0249

MANUFACTURED BY: Acme Soap , Inc.
1206 Fulton Ave.
San Antonio, TX 78201
(210)731-9800

Date prepared: 08/18/96
Date Revised: 11/14/2008

HMIS Rating: Health 1 , Flammability 1, Reactivity 0 , Personal Protection 2

I. CHEMICAL IDENTIFICATION:

NAME: Sub - 0° Freezer Cleaner
DESCRIPTION: Water base solvent blend

OTHER DESIGNATIONS	MANUFACTURER	EMERGENCY PHONE NUMBER
Solvent Detergent	Acme Soap, Inc. 1206 Fulton Ave. San Antonio, TX 78201	(800)424-9300 CHEMTREC

II. HAZARDOUS INGREDIENTS

Ingredient	% Concentration	CAS #
Methanol	30 - 40	67-56-1
Ethylene Glycol	8 - 10	107-21-1
2 - butoxyethanol	8 - 10	111-76-2
Polyoxypropylene-polyoxyethelene	5	9003-11-6

III. HEALTH HAZARD DATA

Exposure Limits: OSHA PEL = 400 ppm, STEL = 500 ppm - Skin

Irritancy of Product: 2000 ppm in air may cause irritation of mucous membranes

Short term effects: Swallowing even small amounts of methanol can cause blindness and death. Other effects may be nausea, headache, abdominal pain, vomiting and visual disturbances ranging from blurred vision to light sensitivity. Inhalation of high airborne concentration can also irritate mucous membranes, cause headaches, nausea, confusion and digestive and visual disturbances. Causes mild irritation, redness, drying and cracking of skin upon prolonged contact.

Long term effects: Repeated exposure by inhalation or absorption may cause systemic poisoning, brain disorders, impaired vision and blindness. Inhalation may worsen conditions such as emphysema or bronchitis. Repeated skin contact may cause irritation, dryness and cracking.

Reproductive effects: Reported to cause birth defects in rats exposed to 40,000 ppm.

Carcinogenicity: Not listed with IARC, NTP, ACGIH or OSHA as a carcinogen.

Possible routes of entry are skin, eyes, inhalation and ingestion.

Skin: Prolonged contact with skin could cause drying and / or other irritation. Wash affected areas with clear water.

Eyes: Causes burning and irritation. Flush eyes with large amounts of clear water for at least 15 minutes, forcibly holding the lids apart to ensure a thorough rinse. If irritation persists, consult a physician, preferably an ophthalmologist.

Ingestion: May cause abdominal discomfort, nausea, vomiting and diarrhea. Give victim two glasses of clear water. DO NOT INDUCE VOMITING, unless instructed by a physician. Obtain medical attention.

Never give anything by mouth to an unconscious person.

Inhalation: Move the victim to fresh air. If breathing is labored, contact a physician.

Wash contaminated clothing before reuse.

IV. SPECIAL PROTECTION INFORMATION

Eye bath should be in near vicinity.
Use in a well ventilated area.
Wash with soap and water after handling.

Gloves:	Butyl and nitrile rubbers are recommended. Check with glove manufacturer.
Eye:	Face shield and safety glasses with side shield when transferring concentrate.
Footwear:	Chemical resistant.
Clothing:	Wear chemical resistant pants and jackets if transferring large quantities of concentrate in open containers.

V. SPECIAL PRECAUTIONS

KEEP OUT OF REACH OF CHILDREN.

In closely confined areas local and general ventilation should be provided to maintain airborn concentrations below 400 ppm.

VI. SPILL OR LEAK PROCEDURES

This is a mildly flammable liquid in the presence of open flame. Eliminate ignition sources, stop spill and use absorbent materials.
Spilled product may cause floors and stairways to become extremely slippery.
Immediately stop the leak if it is safe to do so.
Contain spills immediately and avoid discharge to natural waters.
Small spills may be flushed to sanitary sewer.
For large spills, restrict access to unprotected personnel.
Full-face, positive pressure self-contained breathing apparatus or airline and protective clothing must be worn.
Large spills are considered to be 500 gallons or more at a rapid rate in a confined area. For larger spills, absorb spilled material with an inert material. Collect and store in an air-tight container.
Contaminated product must be disposed of in accordance with Federal, State and local regulations.

VII. REACTIVITY DATA

Hazardous polymerization will not occur.
Do not mix with other chemicals unless instructed by a competent person.

Chemically stable (yes/no)	Yes
Incompatibility	Yes - Strong oxidizers, strong acids, strong bases. Avoid incompatible materials and ignition sources.
Hazardous decomposition Products	Formaldehyde and carbon monoxide

VIII. FIRE AND EXPLOSION DATA

Flammable	Yes, in the presence of an ignition source. Concentrations of greater than 20% methanol can be ignited.
Extinguishing media:	Water may be ineffective, depending on depth of burning product. Dry powder or foam may be required for large amounts of burning material.
Autoignition temp.:	750 - 800 C.

IX. PHYSICAL DATA

Physical state:	Liquid
Odor:	Slight alcohol
Appearance:	Clear, green liquid
Specific gravity:	0.821 (Water = 1)
Freezing point:	-50 F.
Boiling point:	189 F.
Solubility in water:	Complete

NOTE:

The information provided on this Material Safety Data Sheet has been compiled from information obtained from the manufacturers of the raw material components of the product, as well as from laboratory tests on the finished product. There are no expressed or implied warranties to be derived from the information provided. The user assumes all risks in handling and must determine if this product is fit for its intended use.

The health hazards on this Material Safety Data Sheet apply to this product in its concentrated form (as supplied) and may differ significantly at use dilution. The signs and symptoms of overexposure apply only to negligence in handling or misuse of the concentrated product and not to the routine exposure to the diluted product under conditions of ordinary use.