

1. PRODUCT AND COMPANY INFORMATION

PRODUCT NAME:	Freezer Cleaner	PRODUCT CODE:	0169
RECOMMENDED USE:	Freezer Cleaner	RESTRICTIONS ON USE:	Use only in accordance with label directions.
MANUFACTURER:	A.L.C.O. SOAP AND SUPPLY		
ADDRESS:	370 EAST PLAZA DR BLDG 13 MOORESVILLE, NC 28115	PHONE:	(704) 528-0123
		EMERGENCY PHONE:	1-800-255-3924

2. HAZARD IDENTIFICATION



SIGNAL WORD:	Danger	HAZARD SYMBOL:	Exclamation Mark, Flame
CLASSIFICATION:	This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200) -Flammable liquids, category 3 -Skin irritation, category 3 -Eye irritation, category 2A -Specific target organ exposure, single exposure, category 3		
HAZARD STATEMENTS:	Highly flammable liquid and vapor. May cause dizziness and drowsiness. Keep out of reach of children. Store in a cool dry place. Do not mix with anything but water. Eye and skin irritant. Combustible liquid.		
PRECAUTIONARY:	Do not get in eyes, on skin, or on clothes. Do not ingest. Keep away from heat/sparks, and open flames. No smoking.		
UNCLASSIFIED HAZARDS:	None known	UNKNOWN ACUTE TOXICITY:	39.70%

3. COMPOSITION AND INGREDIENTS

COMMON NAME	CHEMICAL NAME	PERCENTAGE	CAS #
Isopropyl Alcohol	Isopropyl Alcohol	60	67-63-0
Ethylene Glycol Monobutyl Ether	Ethylene Glycol Monobutyl Ether	<8	111-76-3

The composition of this formulation is a trade secret and indicated as a trade secret per 1910.1200(i) of the Hazardous Communication Standard and will be made available per applicable provisions stated within 1910.1200(i).

4. FIRST AID MEASURES

INGESTION:	If swallowed, DO NOT induce vomiting. Rinse mouth and immediately drink 2 glasses of water to dilute. Seek immediate medical attention. Never give anything by mouth to an unconscious person.
SKIN:	Flush skin with running water for 15 minutes. If irritation persists seek medical attention. Remove contaminated clothing and wash before reuse.
INHALATION:	Remove to fresh air. If not breathing, clear airway and start artificial respiration. If victim is having trouble breathing, give supplemental oxygen, if available. Get medical attention.
EYES:	Immediately flush with running water for 15 minutes. If irritation persists, seek medical attention.
SIGNS/ SYMPTOMS OF EXPOSURE:	If in eyes or left on skin, irritation and/or redness might be present.

5. FIRE-FIGHTING MEASURES

FLASH POINT: F) 65 C) 18	UPPER EXPLOSIVE LIMIT: No information available.	LOWER EXPLOSIVE LIMIT: No information available.
SPECIAL PROTECTIVE EQUIPMENT/ PRECAUTIONS:	As in any fire, wear self-contained breathing apparatus, MSHA/NIOSH (approved or equivalent) and full protective gear.	
SUITABLE/ UNSUITABLE EXTINGUISHING MEDIA:	Water may be ineffective. Use dry chemical, carbon dioxide, water spray, or alcohol resistant foam.	
SPECIFIC HAZARDS:	Highly flammable liquid and vapors.	

6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS:	Do not get in eyes, on skin, or on clothing. Wash thoroughly after handling.
PROTECTIVE EQUIPMENT:	Waterproof gloves and safety goggles should be worn when handling any chemical.
EMERGENCY PROCEDURES:	Follow first aid procedures. If any irritation persists seek medical attention.
CONTAINMENT/ CLEAN UP METHODS:	Mop up and hold for proper disposal. Dispose of in accordance with local, state, and federal regulations. For large spills, eliminate potential sources of ignition.

7. HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING:	Do not get in eyes, on skin, or on clothing. Wash thoroughly after handling.
STORAGE:	Keep container closed when not in use. Store in a cool, dry, well ventilated area. Store away from heat, sparks, or open flames.
INCOMPATIBILITIES:	Strong acids, bases, and/or oxidizers. Do not mix with anything but water.

8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

PEL:	None known.	ACGIH:	None known.	TLV:	None known.	Engineering controls:	Eyewash stations, showers, ventilation systems.
PERSONAL PROTECTIVE EQUIPMENT:		Waterproof gloves and safety goggles should be used when handling any chemicals.					
HYGIENE MEASURES:		Wash thoroughly after handling.					

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE:	Liquid	COLOR:	Blue	ODOR:	Alcohol
PARTITION COEFFICIENT:	No Information Available	SOLUBILITY:	Completely Soluble	ODOR THRESHOLD:	No Info Available
FLAMMABILITY (SOLID/ GAS):	Highly Flammable	FLASH POINT:	65F/18C	MELTING POINT:	N/A
UPPER FLAMMABILITY LIMITS:	No Information Available	PH:	8	FREEZING POINT:	<32F
LOWER FLAMMABILITY LIMITS:	No Information Available	VAPOR PRESSURE:	<1	INITIAL BOILING POINT:	No Info Available
AUTO-IGNITION TEMPERATURE:	No Information Available	VAPOR DENSITY:	No Info Available	EVAPORATION RATE:	>1
DECOMPOSITION TEMPERATURE:	No Information Available	RELATIVE DENSITY:	No Info Available	VISCOSITY:	Similar To Water

10. STABILITY AND REACTIVITY

REACTIVITY:	Do not mix with anything but water. Do not mix with incompatible materials to avoid hazardous reactions.
CHEMICAL STABILITY:	Stable under recommended storage conditions.
POSSIBILITY OF HAZARDOUS REACTIONS:	Do not mix with anything but water. Do not mix with incompatible materials to avoid hazardous reactions.
CONDITIONS TO AVOID:	Extreme temperatures or direct sunlight. Store in a cool, dry place away from heat, sparks, or open flames.
INCOMPATIBLE MATERIALS:	Strong acids, bases, and/or oxidizers. Do not mix with anything but water.
HAZARDOUS DECOMPOSITION PRODUCTS:	Carbon dioxide (CO2)

11. TOXICOLOGICAL INFORMATION

ROUTES OF EXPOSURE:	Eyes, skin, ingestion, inhalation.
ACUTE EFFECTS/ SYMPTOMS FOR EYES:	Severely irritating to eyes.
ACUTE EFFECTS/ SYMPTOMS FOR SKIN:	Skin irritant.
ACUTE EFFECTS/ SYMPTOMS FOR INGESTION:	Unknown. Do not ingest. If ingested seek immediate medical attention.
ACUTE EFFECTS/ SYMPTOMS FOR INHALATION:	Irritation, dizziness, and/or drowsiness.
CHRONIC/ OTHER EFFECTS:	None known.
DELAYED EFFECTS:	Eye and skin redness and irritation.
CARCINOGENS:	None known.
NUMERICAL MEASURES OF TOXICITY:	No information available.

12. ECOLOGICAL INFORMATION

ECOTOXITY:	No information available
PERSISTENCE AND DEGRADABILITY:	No information available
BIOACCUMULATION:	No information available
OTHER ADVERSE EFFECTS:	No information available
MOBILITY IN SOIL:	No information available

13. DISPOSAL CONSIDERATIONS

DISPOSAL OF WASTES:	Dispose of in accordance with local, state, and federal regulations.
DISPOSAL OF PACKAGING:	Dispose of in accordance with local, state, and federal regulations.

14. TRANSPORTATION INFORMATION

UN NUMBER	1219	UN PROPER SHIPPING NAME:	Isopropyl Alcohol Solution
TRANSPORT HAZARD CLASSES:	3	PACKING GROUP:	II
ENVIRONMENTAL HAZARDS:	No information available	TRANSPORT IN BULK:	No information available.
SPECIAL PRECAUTIONS:	Flammable		

15. REGULATORY INFORMATION

No information available

16. OTHER INFORMATION

The above information pertains to this product as currently formulated, and is based on the information at this time. Additions of reducers or other additives to this product may substantially alter the composition. We make no warranties, expressed or implied, and assume no liability in connection with any use of the information.