Safety Data Sheet

According to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Section 1 CHEMICAL PRODUCT SECTION

Identification:
Product Name: Plastic & Glass Cleaner
Product Number: 8670, AS1668

Recommend use: Foaming cleaner for glass and plastic

Manufacturer:
ACL Incorporated
840 W 49th Place
Chicago, Il 60609
PH: (01) 847.981.9212 [U.S.A.]
FAX: (01) 847.981.9278 [U.S.A.]

Emergency telephone: INFOTRAC: (01) 800.535.5053 (day or night)

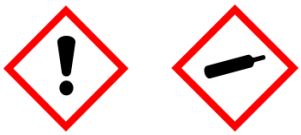
Section 2 HAZARDOUS IDENTIFICATION

2.1 Classification of the substance or mixture
Product definition: Mixture

GHS-US classification

Label Elements

Hazard Pictograms:



Signal Word: Warning

Hazard Statement: Contents under pressure; may explode if heated (H280)
Causes serious eye irritation (H319)

Precautionary Statement:
Wash hands thoroughly after handling (P264)
Wear protective gloves/protective clothing/eye protection/face protection (P280)
If in the eyes: get medical attention. (P305, P313)
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. (P305, 338, 331)

Other Hazards: No additional information available
Unknown Acute Toxicity: No data available

Other Potential health effects:
Skin Contact: This product may cause irritation to the skin. Prolonged or repeated contact with this product may dry and/or defat the skin. This product may be harmful if it is absorbed through the skin.

Eye Contact: Liquid or vapors may irritate the eyes. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Eye contact may lead to permanent damage if not treated promptly.

Ingestion: This product is harmful if swallowed. Ingestion can cause gastrointestinal irritation, nausea, and diarrhea. *Target Organs***:** Central Nervous System, lungs, skin, eyes.

Inhalation: This product may cause dizziness, nausea, upper respiratory irritation, drowsiness, mental depression or narcosis, difficulty in breathing, irregular heartbeats. See Section 8 for recommended exposure limits.

Section 3 COMPOSITION / INFORMATION ON INGREDIENTS

Substance/Mixture : Mixture

CHEMICAL	CAS	RISK CLASSIFICATION	Weight %
Isopropyl alcohol	67-63-0	Flam. Liq. 2; H225 Eye Irrit. 2A; H319 STOT SE 3; H336	< 5%
Liquefied Petroleum Gas	68476-86-8	Press. Gas; H280 Flam. Gas 1; H220 Carc. 1B; H350 Muta. 1B; H340	5 – 15 %

Section 4 FIRST AID MEASURES

Eye: Immediately flush with plenty of water for at least 15 minutes, holding eyelids open at all times. Get medical attention immediately.

Skin: For skin contact, wash immediately with soap and water. If irritation persists, get medical attention.

Inhalation: Move person to non-contaminated air. If the affected person is not breathing, apply artificial respiration. Call a physician if symptoms develop or persist.

Ingestion: If the material is swallowed, get immediate medical attention or advice. DO NOT induce vomiting. If vomiting occurs naturally, have victim lean forward to reduce risk of aspiration. Seek immediate medical attention. Do not give anything.

Section 5 FIRE FIGHTING MEASURES

Flash Point: concentrate: NA **propellant:** -132.23 F
Flammability limits in air: NA upper % by volume concentrate NA lower % by volume concentrate
9.2 upper % by volume propellant 1.8 lower % by volume propellant

Basic Fire Fighting Procedures: Pressurized Container: May explode when exposed to heat or flame. Empty containers may retain product residue including Flammable or Explosive vapors. DO NOT cut, drill, grind, or weld near full, partially full, or empty product containers.

Fire Fighting Instructions: Wear full protective clothing, including helmet, self-contained positive pressure or pressure demand breathing apparatus, protective clothing and face mask.

Extinguishing Media: Use dry chemical, carbon dioxide, or foam. Use water to cool fire-exposed containers and to protect personnel. Do not direct a solid stream of water or foam into hot, burning pools this may results in frothing and increase fire intensity.

Special Fire Fighting Procedures: Container could potentially burst or be punctured upon mechanical impact, releasing flammable vapors.

Unusual Fire & Explosion Hazards: During a fire, irritating and highly toxic gases may be generated during combustion or decomposition. High temperatures can cause sealed containers to rupture due to a buildup of internal pressures. Cool with water

Section 6 ACCIDENTAL RELEASE MEASURES

Emergency Action: Evacuate the area promptly and keep upwind of the spilled material. Isolate the spill area to prevent people from entering. Wear appropriate protective equipment and clothing during clean-up.

Containment: Stop discharge if safe to do so. Stop material from contaminating soil or from entering sewers or water streams. Cover spills with non-flammable absorbent and place in closed chemical waste containers.

Section 7 HANDLING AND STORAGE

Handling:
Wash hands thoroughly after handling (P264)
Wear protective gloves/protective clothing/eye protection/face protection (P280)

Keep this product away from heat, sparks, open flame, or other sources of ignition. Avoid breathing mists or aerosols of this product. Use this product with adequate ventilation

Storage: Protect from sunlight (P410)
Store in a well-ventilated place (P403)
Store in a dry place (P402)

Storage Temperatures: Ambient. Avoid freezing and do not store at temperatures above 120 ° F (48.9°C)

General: Read and follow the directions on the product label.

Empty Container Precautions: Attention! Follow label warnings even after container is emptied since empty containers may retain product residues. Do not reuse empty container.

Section 8 EXPOSURE CONTROL / PERSONAL PROTECTION

OSHA HAZARDOUS COMPONENTS (29 CFR 1910.1200): Exposure Limits 8 Hours TWA (ppm)

Component(s)	TLV	OSHA-PEL	OSHA-STEL
Isopropanol	400ppm	400ppm	500ppm
Liquefied Petroleum Gas	1000ppm		

Engineering Controls: Provide local and general exhaust ventilation to effectively remove and prevent buildup of any vapors or mists generated from the handling of this product.

Personal Protection:
General: Use good hygiene practices in handling this material.

Respiratory Protection: Use NIOSH approved respiratory protection. High airborne concentrations may necessitate the use of self-contained breathing apparatus (SCBA).

Skin and Body Protection: Impervious gloves should be used when handling this product. Use of protective coveralls and long sleeves is recommended.

Eye Protection: Wear goggles or safety glasses with side shields.

Section 9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Aerosol can / hazy white foam
Odor	Fresh

pH	NE
Melting point/freezing point	NE / NE
Initial boiling point and boiling range	NE
Flash point and method	None
Evaporation rate	➢ 1
Flammability (solid, gas, liquid)	NA
Upper/lower flammability or explosive limits	NA
Vapor pressure	NE
Vapor density (air=1)	NE
Relative density	0.98
Solubility(ies).	Miscible
Partition coefficient: n-octanol/water	NE
Autoignition temperature	NA
Decomposition temperature	NE
Viscosity	NE
Volatile by weight	NE
VOC	7.5

Section 10 STABILITY AND REACTIVITY

General: This product is stable under normal storage conditions. Hazardous polymerization will not occur.
Incompatible Materials: Strong oxidizing agents, reducing agents, acids, and alkalis.
Conditions to Avoid: Keep away from heat, direct sunlight, open flames, sparks, or sources of ignition.

Section 11 TOXICOLOGY INFORMATION

Isopropanol: Oral LD50: 5,800 mg/kg (rat)
Inhalation LC50: 12000ppm/8H (rat)

Liquefied Petroleum Gas: Inhalation LC50: 658 mg/L/4H (rat)

Section 12 ECOLOGICAL INFORMATION

No information

Section 13 DISPOSAL CONSIDERATIONS

Do not puncture, incinerate or compact aerosol can.
When contents are depleted continue to depress button until all gas is expelled.

RCRA 40 CFR 261 Classifications: As packaged and after use, it does not meet the criteria of a hazardous waste as defied under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261, since it has neither the characteristics of Subpart C nor is listed in Subpart D.

Federal, State, and Local laws governing disposal of material can differ.
Ensure proper disposal compliance with proper authorities before disposal.

Section 14 TRANSPORTATION INFORMATION

	Proper Shipping Name	Hazard Class	UN number	NOTE
US DOT ground	Consumer Commodity	ORM-D	NA	Flame projection testing in accordance with 16CFR1500.45 found no flame projection.
US DOT air	AEROSOLS, non-flammable, (each not exceeding 1L capacity)	2.2	UN1950	May be classified as Consumer commodity, ID 8000, class 9, Y963 packing instruction DOT Labels required: Non-Flammable Gas
IATA	AEROSOLS, non-flammable, (each not exceeding 1L capacity)	2.2	UN1950	IATA Labels required: Non-Flammable Gas
IMDG	AEROSOLS, non-flammable, (each not exceeding 1L capacity)	2.2	UN1950	Limited Quantity: Y203

Section 15 REGULATORY INFORMATION

United States Federal Regulations: MSDS complies with the OSHA Hazard Communication Rule, 29 CFR 1910.1200.
SARA Superfund and Reauthorization Act of 1986 Title III sections 302, 311,312 and 313:
CERCLA/Superfund, 40 CFR 117, 302: no requirements
Section 302 – None

CHEMICAL	C.A.S. Number	Weight %	Section 311/312
Isopropyl Alcohol	67-63-0	<5%	Acute Health Hazard; Fire Hazard
Liquefied Petroleum Gas	68476-86-8	5-15%	

Section 313 – List of Toxic Chemicals (40CFC 372): This product contains the following chemicals (at level of 1% or greater) which are found on the 313 list of Toxic Chemicals.

Chemical	C.A.S. NUMBER	WEIGHT %
Isopropyl Alcohol	67-63-0	2-12%

Toxic Substance Control Act (TSCA): **All substances are TSCA listed.**
Resource Conservation and Recovery Act (RCRA 40 CFR 261) Subpart C & D: Refer to Section 13
Federal Water Pollution Control Act, Clean Water Act, 40 CFR 401.15 (formerly section 307) 40 CFR 116 (formerly section 311): This product does not contain listed chemicals

STATE REGULATIONS:
This MSDS contains specific health and safety data is applicable for state requirements. For details on your regulatory requirements you should contact the appropriate agency in your state.
California Proposition 65: This product does not contain substances on the prop 65 list.
California Safer Consumer Products List: Isopropyl Alcohol is a candidate for the SCP: Developmental Tox; Nephrotox, Urinary System; Ocular Tox; Respiratory Tox (authoritative list: OEHHA RELs)

INTERNATIONAL REGULATIONS:
Canada WHMIS: This product has been classified in accordance with the hazard criteria of the CPR and the MSDS contains all the information required by the CPR. All substances are listed on the public Portion of the Domestic Substances List (DSL).

REACH: This product does not contain any substance listed on the Substances of Very High Concern (SvHC).

Sections 16 OTHER INFORMATION

HMIS HAZARD RATING:

1	HEALTH
1	FLAMMABILITY
0	REACTIVITY
B	PROTECTIVE EQUIPMENT

HMIS Health: Slight Hazard. Irritation or minor reversible injury possible.
HMIS Flammability: Must be preheated for ignition to occur
HMIS Reactivity: Minimal Hazard. Stable
HMIS Personal Protection: B. Safety glasses and protective gloves should be worn when handling this material.

REVISION DATES, SECTIONS, REVISED BY:

19-Aug-13	Original Preparer: Steve Allen
02-Oct-13	Review, mkb
10-Jan-14	Change name and part #, mkb
28-Oct-14	Revised section 2, mkb
30-Nov-15	Revised section 2 and 14, mkb

ABBREVIATIONS USED IN THIS DOCUMENT:
NE – Not Established, NA – Not Applicable, NIF – No Information Found, ND – Not Determined

ABRIDGED LIST OF REFERENCES:

Code of Federal Regulations (CFR)
The Sigma-Aldrich Library of Regulatory and Safety Data
Chemical Guide and OSHA Hazardous Communication Standard
The Environmental Protection Agency (www.epa.gov)
http://oehha.ca.gov/prop65/prop65_list
http://orise.orau.gov/emi/hazards-assessment/files/resources/epa-title3.pdf