

PRO CHEM, INC.

1475 BLUEGRASS LAKES PKWY.
ALPHARETTA, GA 30004
EMERGENCY/INFO # (800) 241-8180
ADDITIONAL EMERGENCY # INFO TRAC 1-800-535-5053

MATERIAL SAFETY DATA SHEET

BRITE / 1200
OCTOBER 2009
PAGE 1

HEALTH	1
FIRE	0
REACTIVITY	0
P.P.E.	A

Complies With USDL Safety and Health Regulations, (29 CFR 1910.200)

SECTION 1 – Chemical and Company Identification

IDENTITY: Glass Cleaner

SECTION 2 – Composition on Ingredients**HAZARDOUS COMPONENTS**

(Specific Chemical Identity, Common Name(s))	CAS #	OSHA PEL	ACGIH-TLV	OTHER LIMITS RECOMMENDED	% (OPT.)
Alcohol	64-17-5	1000 ppm	1000 ppm		1-5%
2-Butoxyethanol	111-76-2	50 ppm-skin	25 ppm-skin		.5-1.5%
Isobutane	75-28-5	800 ppm	800 ppm		1-5%
Propane	74-98-6	1000 ppm	2500 ppm		< 1%

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

SECTION 3 – Hazards Information

ROUTE(S) OF ENTRY: **Eyes:** Yes **Inhalation:** Yes **Skin:** Yes **Ingestion:** No

ACUTE HEALTH HAZARDS: Warning: Causes eye irritation. May cause skin irritation. May be absorbed through intact skin. May cause central nervous system effects. Contents under pressure. Use good chemical hygiene practices to avoid these hazards.

CHRONIC HEALTH HAZARDS: None known.

Carcinogenicity: **Chemical:** None **NTP:** No **IARC:** No **OSHA:** No

SIGNS AND SYMPTOMS OF EXPOSURE: Redness, tearing, burning in eyes. Redness, drying, cracking of skin. Drowsiness, dizziness, loss of coordination, vomiting and abdominal pain if ingested.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: Pre-existing skin and lung disorders may be aggravated by prolonged or repeated occupational overexposure.

SECTION 4 – First Aid Measures

EYES: Flush with plenty of water for at least 15 minutes lifting eyelids to ensure complete removal. Get immediate medical attention.

INGESTION: If conscious, drink plenty of water. Call a physician or poison control center immediately. Do not induce vomiting unless directed by a physician. Product contains less than 0.1 percent methanol.

INHALATION: Get to fresh air. If breathing has stopped, qualified personnel should administer artificial respiration.

SKIN: Wash with soap and water. If irritation arises and persists, call a physician.

SECTION 5 – Fire Fighting Measures

USA FLAME PROJECTION TEST (ASTM D-3065): 0", no flashback, non-flammable

FLAMMABLE LIMITS: No data **LEL:** No data **UEL:** No data

EXTINGUISHING MEDIA: Carbon Dioxide, dry chemical or foam.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Aerosol container (pressurized) may burst if heated over 120°F.

SPECIAL FIRE FIGHTING PROCEDURES: Use water spray to keep containers cool and vapors down. Do not allow runoff to enter sewers or public watercourses. Wear self-contained breathing apparatus in chemical fires.

HAZARDOUS PRODUCTS OF COMBUSTION: Carbon Dioxide, Carbon Monoxide, various Hydrocarbons, Hydrogen Sulfide, Sulfur Dioxide, and Soot.

SECTION 6 – Accidental Release Measures

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: **Small Spill:** Caution, slip hazard. Wipe up small releases with a dry absorbent cloth or other absorbent material.

Large Spill: Isolate traffic and ventilate area. Eliminate all ignition sources. Absorb liquid with vermiculite, absorbent cloth, or other absorbent material. Prevent material from entering sewers or drains. Transfer contaminated material into suitable container for proper disposal.

SECTION 7 – Handling and Storage

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Store in a cool (under 120°F) dry location away from heat, sparks, open flame, and direct sunlight. Direct spray away from face. Replace cap when not in use. Do not use around ignition sources such as heat, sparks, open flame, etc. Avoid contact with eyes, skin and clothing. Avoid inhaling mist. Do not deliberately concentrate and inhale vapors. Wash thoroughly after handling. Use with adequate ventilation.

OTHER PRECAUTIONS: Follow label directions carefully. Keep out of reach of children.

SECTION 8 – Exposure Controls/Personal Protection

RESPIRATORY PROTECTION (Specify Type): Not usually necessary. Use with adequate ventilation. If PELs or TLVs are exceeded (see Section II), use an approved NIOSH/MSHA respirator.

SKIN PROTECTION: Not usually necessary.

EYE PROTECTION: Safety glasses or goggles (ANSI Z87).

ENGINEERING CONTROLS: Ventilation not usually necessary but should be provided in the event of overexposure.

SECTION 9 – Physical and Chemical Properties

BOILING POINT:	212°F	SPECIFIC GRAVITY (70°F):	0.993
PRESSURE (psig. @ 70°F):	60 +/- 5	MELTING POINT:	No Data
VAPOR DENSITY (AIR=1):	> 1	EVAPORATION RATE (Butyl Acetate=1):	No Data
SOLUBILITY IN WATER:	Complete	pH:	10.3 +/- 0.5
APPEARANCE AND ODOR:	Clear colorless liquid with a fresh floral scent in an aerosol can.		
VOC's:	71.2 g/L or 7.38% by weight		

SECTION 10 – Stability and Reactivity

STABILITY: Stable

INCOMPATIBILITY (Materials to Avoid): Strong oxidizers and alkalis.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS: Carbon dioxide, carbon monoxide, and various hydrocarbons.

HAZARDOUS POLYMERIZATION: Will not occur

CONDITIONS TO AVOID: None known

SECTION 11 – Toxicological Information

No Data Available

SECTION 12 – Ecological Information

No Data Available

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SECTION 13 – Disposal Consideration

WASTE DISPOSAL METHOD: Dispose of in accordance with all applicable local, state, and federal regulations. **RCRA WASTE INFORMATION:** If this product becomes a waste, it would not be a hazardous waste as defined by RCRA (40 CFR 261). However, the waste should be properly characterized to evaluate whether its composition has been modified prior to disposal.

SECTION 14 – Transport Information

DOT INFORMATION: 49 CFR 172.101
PROPER SHIPPING DESCRIPTION: Consumer Commodity
HAZARD CLASS: ORM-D
IDENTIFICATION NUMBER: None
PACKING GROUP: None

WATER TRANSPORTATION:
PROPER SHIPPING DESCRIPTION: Aerosols
HAZARD CLASS: 2
IDENTIFICATION NUMBER: UN 1950
PACKING GROUP: None

AIR TRANSPORTATION:
PROPER SHIPPING DESCRIPTION: Aerosols, non-flammable
HAZARD CLASS: 2.2
IDENTIFICATION NUMBER: UN 1950
PACKING GROUP: None

MARINE POLLUTANTS: None

SECTION 15 – Regulatory Information**US Federal Regulations:**

TSCA (Toxic Substances Control Act) Status: All ingredients are on the TSCA inventory or are not required to be listed on the TSCA inventory.

CERCLA RQ – 40 CFR 302.4 (a) : None Listed

SARA 313 Components – 40 CFR 372.65

Name	CAS	Percentage
2-Butoxyethanol	(CAS# 111-76-2)	– 1.9%

State and Local Regulations:

California Proposition 65

None

SECTION 16 – Other Information

WARNING! The use of this product is beyond the control of the manufacturer, therefore, no guarantee, expressed or implied, is made as to the effects of such or the results to be obtained if not used in accordance with directions or established safe practice. The user must assume all responsibility, including injury or damage, resulting from its misuse as such, or in combination with other materials. The manufacturer warrants only that this product meets the manufacturer's specifications for such product. THIS WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, AS TO DESCRIPTION, QUALITY, MERCHANTABILITY, FITNESS FOR ANY PARTICULAR PURPOSE, PRODUCTIVENESS, OR ANY OTHER MATTER, OF THIS PRODUCT. THE MANUFACTURER SHALL BE IN NO WAY RESPONSIBLE FOR THE IMPROPER USE OF THIS PRODUCT. The sole and exclusive remedy against the manufacturer for breach of warranty shall be reimbursement of the purchase price of the product in the event that a defective condition of the product shall be formed to exist. NO OTHER REMEDY (INCLUDING BUT NOT LIMITED TO INCIDENTAL OR CONSEQUENTIAL DAMAGES FOR INJURY TO PERSON OR PROPERTY OR ANY OTHER INCIDENTAL OR CONSEQUENTIAL LOSS SHALL) SHALL BE AVAILABLE.

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