

MATERIAL SAFETY DATA SHEET

(SIMILAR TO OSHA FORM 174)

N.A. = Not Applicable
Not Est. = Not Established
Prop. = Proprietary

SECTION 1 - MANUFACTURER / DISTRIBUTOR INFORMATION

Product Name: CLEAR CHOICE Glass & Plastic Surface Cleaner
Supplier's Name: National Chemical Laboratories of PA, Inc.
Supplier's Address: 401 N. 10th Street · Philadelphia PA 19123
HMS Hazard Code: Health: 2 Flammability: 4 Reactivity: 0 PPE: 0
Chemical Family: Window Cleaner
D.O.T. Shipping Name: CONSUMER COMMODITY

Product #: 2009
Emergency Phone #: CHEM-TEL (800) 255-3924
Chemical Name: N.A. Proprietary Blend
Formula: N.A. Blended Product
Hazard Class: ORM-D **D.O.T. ID#:** N/A

SECTION 2 - HAZARDOUS INGREDIENTS

CHEMICAL NAME	CAS NUMBER	% Concentration Range	Hazard Ratings (TLV/PEL)
2-Butoxyethanol	111-76-2	PROP.	25 skin
Propane/Isobutane/n-Butane	74-98-6	PROP.	1000

* All chemical compounds marked with an Asterisk (*) are toxic chemicals subject to the reporting requirements of Section 313 of Title III of the Super fund Amendments and Reauthorization Act (SARA) of 1986 and 40 CFR Part 372. You must notify each person to whom this mixture or trade name product is sold. This statement must remain a part of this material safety data sheet.

SECTION 3 - PHYSICAL DATA

Boiling Point Range (°F): 7.1 to 343
Vapor Pressure at 70°F PSIG: 60
Vapor Density: 4.0
Solubility in Water: Soluble
Appearance: White

Specific Gravity: 0.900
Evaporation Rate (Butyl Acetate = 1): <1
Melting Point: N/A
Odor: Floral

SECTION 4 - FIRE AND EXPLOSION DATA

NFPA 30B Rating: 1
Lower Explosion Limit: 1.9
Unusual Fire & Explosion Hazards: Heated cans may burst.
Extinguishing Media: Water fog, carbon dioxide, foam, dry chemical.
Special Fire Fighting Procedures: Keep containers cool. Use equipment or shielding required to protect against bursting or venting containers.

Flash Point (°F): 156
Upper Explosion Limit: 9.5

SECTION 5 - HEALTH HAZARD DATA

Route(s) of Entry: Inhalation: Yes Skin: Yes Ingestion: Yes **Threshold Limit Value:** Not Est.
Effects of Overexposure: May cause dizziness or narcosis in high vapor concentrations. Will cause defatting of skin. Effects are reversible. Long term exposure (years) to high concentrations of vapor may cause lung, liver or kidney damage. The solvents listed have been reported to effect the central nervous system. Aspiration hazard if swallowed. Eye and skin irritant. May irritate respiratory tract. Deliberately concentrating and inhaling the vapor of the contents may be harmful or fatal. **Other:** 2-Butoxyethanol may cause corneal injury and blood abnormalities, may be absorbed through the skin with toxic effects, and may cause damage to spleen and testes.
Signs & Symptoms of Exposure: Inhalation - Difficulty in breathing. Skin - Redness. Ingestion - Vomiting
Emergency & First Aid Procedures: Give oxygen. Do not induce vomiting. Wash eyes and skin with water. Seek medical attention.
Conditions Aggravated by Exposure: Heart disease; Respiratory disorders
Listed Carcinogen, Mutagen, Teratogen (Ingredient, Source, Amount): WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. Ozone Depleting Substances: None

SECTION 6 - REACTIVITY DATA

Stability: Stable
Incompatibility: Strong oxidizers and strong alkalis.
Hazardous Decomposition Products: Carbon dioxide
Hazardous Polymerization: Will not occur.

Conditions to Avoid: High temperatures

SECTION 7 - SPILL OR LEAK PROCEDURES

Steps to be taken if material is released or spilled: Use absorbent sweeping compound to soak up material. Put into container. Dispose as hazardous waste.
Waste Disposal Method: Dispose as hazardous waste in accordance with EPA RCRA.

SECTION 8 - SPECIAL PROTECTION INFORMATION

Respiratory Protection: Use NIOSH approve respirator if TLV limit is exceeded.
Ventilation: Local exhaust - yes.
Protective Gloves: Not required if spraying.
Eye Protection: Goggles or safety glasses with side shields
Other Protective Equipment: Long sleeves and long pants.
Work/Hygienic Practices: Do not smoke while using. Wash hands after use.

SECTION 9 - SPECIAL PRECAUTIONS

Precautions to be taken in handling and storage: Keep away from heat, sparks or open flames. Store at temperatures below 120°F.
Other Precautions: When spraying more than one half can continuously or more than one can consecutively, use NIOSH approved respirator.

The information contained in this MSDS was obtained from current and reliable sources, however the data is provided without any warranty, expressed or implied, regarding its correctness or accuracy. Since the conditions or handling, storage and disposal of this product are beyond the control of this company, it is not responsible for loss, injury and expense arising out of the product's improper use. No warranty, expressed or inferred, regarding the product described in this MSDS shall be created or inferred by any statement in this MSDS. Various government agencies may have specific regulations regarding the transportation, handling, storage, use or disposal of this product which may be covered by this MSDS. The user is responsible for full compliance.

Date Prepared - 04/15/09 By: G.C.