MATERIAL SAFETY DATA SHEET

BRITE IDEA A **MSDS DATE:** 07/14/11

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: BRITE IDEA A **PRODUCT USE:** Glass Cleaner
PRODUCT : Glass Cleaner

SOLD BY: **Continental Research Corp.** **EMERGENCY**
ADDRESS: P.O. Box 15204 **CHEMTEL PHONE:** 800-255-3924
St. Louis, MO. 63110 **INFORMATION:** 800-325-4869

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

Name	CAS No.	OSHA PEL	ACGIH TLV
2-BUTOXY ETHANOL	111-76-2	50 ppm	20 ppm
ETHYL ALCOHOL	64-17-5	1000 ppm	1000 ppm
PROPANE/N-BUTANE	68476-86-8	N/A	1000ppm

SECTION 3: HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: Aerosol under pressure do not expose to high temperatures 120°F or store in direct sunlight.
ROUTES OF ENTRY: Skin, Eyes, Ingestion, Inhalation
POTENTIAL HEALTH EFFECTS
EYES: Irritation likely. **SKIN:** May cause slight irritation, possible dryness with prolonged contact. **INGESTION:** May cause gastric discomfort and nausea. **INHALATION:** No hazards under normal use.
ACUTE HEALTH HAZARDS: See health hazards above
CHRONIC HEALTH HAZARDS: None known
MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: None known
CARCINOGENICITY: **OSHA: No** **ACGIH: No** **NTP: No** **IARC: No** **OTHER:**

SECTION 4: FIRST AID MEASURES

EYES: Flush with water for 15 minutes. Contact physician if irritation persists. **SKIN:** Wash with soap and water for 15 minutes. If irritation develops seek medical attention. **INGESTION:** Do not induce vomiting. Rinse mouth and give 1 - 2 glasses water if conscious and alert. Contact physician. **INHALATION:** Move to fresh air. If not breathing administer artificial respiration.

SECTION 5: FIRE-FIGHTING MEASURES

FLAMMABLE LIMITS IN AIR (% BY VOLUME) **UPPER: N/A** **LOWER: N/A**
FLASH POINT (METHOD USED - TCC): **F: 70 C: 21.11**
AUTOIGNITION TEMPERATURE: **F: N/A C: N/A**
NFPA HAZARD CLASSIFICATION: HEALTH: 1 **FLAMMABILITY: 1** **REACTIVITY: 1** **OTHER:**
HMIS HAZARD CLASSIFICATION: HEALTH: 1 **FLAMMABILITY: 0** **REACTIVITY: 1** **PROTECTION: A**
EXTINGUISHING MEDIA: Water, foam, carbon dioxide, dry chemical. Cool fire exposed containers with water fog.
SPECIAL FIRE FIGHTING PROCEDURES: Use full protective gear including self-contained breathing apparatus.
UNUSUAL FIRE AND EXPLOSION HAZARDS: Contents under pressure, exposure to high temperatures above 120°F can cause bursting.
HAZARDOUS DECOMPOSITION PRODUCTS: oxides of carbon **SECTION 5 NOTES:**

SECTION 6: ACCIDENTAL RELEASE MEASURES

ACCIDENTAL RELEASE MEASURES: Use absorbent on spill sweep to clean. Dispose in accordance with local, state and federal laws. Small releases may be wiped up with wiping material.
SECTION 6 NOTES: Keep out of reach of children.

SECTION 7: HANDLING AND STORAGE

HANDLING AND STORAGE: Store in a cool dry area. Do not use or store near heat or open flame. Exposure to temperatures above 120 F may cause bursting.
OTHER PRECAUTIONS:

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS:
VENTILATION : Ambient suitable, forced ventilation should not be required
RESPIRATORY PROTECTION: Not required under normal use**.** If exposure levels are exceeded then organic vapor cartridge respirator or SCBA will be needed.
EYE PROTECTION: Safety glasses always recommended when using chemicals.
SKIN PROTECTION: None needed.
OTHER PROTECTIVE CLOTHING OR EQUIPMENT: None needed.
WORK HYGIENIC PRACTICES: Wash hands with soap and water.
EXPOSURE GUIDELINES:

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: White Foam **ODOR:** Mild Pleasant odor **PHYSICAL STATE:** Liquid
pH AS SUPPLIED: 9.00
BOILING POINT: **F:** >212 **C:** >100
MELTING POINT: **F:** not tested **C:**
FREEZING POINT: **F:** not tested **C:**
VAPOR PRESSURE (mmHg): 17.5 **@** **F: 77** **C: 25**
VAPOR DENSITY (AIR = 1): >1 **@** **F: 77** **C: 25**
SPECIFIC GRAVITY (H2O = 1): 0.983 **@** **F: 77** **C: 25**
EVAPORATION RATE (Butyl Acetate =1): <1
SOLUBILITY IN WATER: 100%
VOLATILE ORGANIC COMPOUNDS (VOC): 12%

SECTION 10: STABILITY AND REACTIVITY

STABILITY: STABLE **X** **UNSTABLE**
CONDITIONS TO AVOID (STABILITY): Temperatures above 120F
INCOMPATIBILITY (MATERIAL TO AVOID): Strong oxidizers, Alkalies, Acids
HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: Oxides of carbon
HAZARDOUS POLYMERIZATION: None **CONDITIONS TO AVOID (POLYMERIZATION):** None

SECTION 11: TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION: 2-Butoxy Ethanol - 111-76-2; Oral rat LD50: 470 mg/kg; Inhalation rat LC50: 450ppm/4H; Skin rabbit LD50: 220 mg/kg; investigated as a tumorigen, mutagen, reproductive effector. Reproductive Toxicity: Has shown teratogenic effects in laboratory animals.

SECTION 12: ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: 2-Butoxy Ethanol - 111-76-2 - LC50/96-hour values for fish are over 100 mg/l. This material is not expected to be toxic to aquatic life.
SECTION 12 NOTES: 2-Butoxy Ethanol - 111-76-2 -This material has an estimated bioconcentration factor (BCF) of less than 100. This material is not expected to significantly bioaccumulate. When released into the air, this material is expected to be readily degraded by reaction with photochemically produced hydroxyl radicals. When released into the air, this material is expected to have a half-life of less than 1 day.

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Dispose of in accordance with local, State and Federal regulations. Waste Disposal Method: Wrap container and place in trash collection and do notpuncture or incinerate container.

RCRA HAZARD CLASS: Considered Non-hazardous under RCRA, however product should be fully characterized prior to disposal (40 CFR 261).

SECTION 14: TRANSPORT INFORMATION

U.S. DEPARTMENT OF TRANSPORTATION
PROPER SHIPPING NAME: ORM-D
HAZARD CLASS:
ID NUMBER:
PACKING GROUP:
WATER TRANSPORTATION
PROPER SHIPPING NAME: Call Supplier
HAZARD CLASS:
ID NUMBER:
PACKING GROUP:
AIR TRANSPORTATION: Call Supplier
PROPER SHIPPING NAME:
HAZARD CLASS:
ID NUMBER:
PACKING GROUP:

SECTION 15: REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS
TSCA (TOXIC SUBSTANCE CONTROL ACT): All Chemicals are listed
CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT): METHANOL – 67-56-1
SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT): none
311/312 HAZARD CATEGORIES: 2-BUTOXY ETHANOL - 111-76-2 – Acute immediate health hazard, Delayed chronic health hazard
313 REPORTABLE INGREDIENTS: 2-BUTOXY ETHANOL - 111-76-2; METHYL ALCOHOL - 67-56-1
STATE REGULATIONS: This product contains no known chemicals regulated by Califonia's proposition 65.
New Jersey's Worker and community Right to Know Act: 2-BUTOXY ETHANOL - 111-76-2; METHANOL – 67-56-1
Massachusetts' Right to Know Law: 2-BUTOXY ETHANOL - 111-76-2
Pennsylvania's Right to Know Act: 2-BUTOXY ETHANOL - 111-76-2; METHANOL – 67-56-1
INTERNATIONAL REGULATIONS:
EINECS: 2-Butoxy Ethanol - 111-76-2;
Japan: 2-Butoxy Ethanol - 111-76-2;
Australia: 2-Butoxy Ethanol - 111-76-2;
WHMIS (Canada): 2-Butoxy Ethanol - 111-76-2;
DSCL (EEC): 2-Butoxy Ethanol - 111-76-2; **NDSL:**
Korea: 2-Butoxy Ethanol - 111-76-2;

SECTION 16: OTHER INFORMATION

OTHER INFORMATION: PREPARATION : Tec Service
DISCLAIMER: To the best of our knowledge, the information contained herein is accurate. However there is no assumption of any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazard which exists. 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 the manufacturer, the manufacturer will not be responsible for loss, injury, or expense arising out of the products 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 not be covered by this MSDS. The user is responsible for full compliance.