



# MATERIAL SAFETY DATA SHEET

Date Issued: 10/08/2008  
 MSDS No: 1625-A  
 Date Revised: 01/23/2012  
 Revision No: 6

## Plastic and Glass Cleaner

### 1. PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** Plastic and Glass Cleaner  
**PRODUCT DESCRIPTION:** Multi-purpose plastic and glass cleaner  
**PRODUCT CODE:** 1625-18S  
**ACTIVE INGREDIENT(S):** Propane

#### MANUFACTURER

Techspray, L.P.  
 1001 N.W. 1st Street  
 P.O. Box 949  
 Amarillo, TX 79107  
**Emergency Contact:** Chemtrec  
**Emergency Phone:** 1-800-858-4043  
**Service Number:** 1-800-858-4043

#### 24 HR. EMERGENCY TELEPHONE NUMBERS

**CHEMTREC CCN#21858 (US Transportation) :**(800) 424 - 9300  
**CANUTEC (Canadian Transportation) :**(613) 996 - 6666  
**Emergency Phone :**(800) 858 - 4043

### 2. HAZARDS IDENTIFICATION

#### EMERGENCY OVERVIEW

**PHYSICAL APPEARANCE:** Transparent, colorless liquid.

**IMMEDIATE CONCERNS:** Vapors and/or aerosols which may be formed at elevated temperatures may be irritating to eyes and respiratory tract. Causes skin irritation. Harmful if swallowed.

#### POTENTIAL HEALTH EFFECTS

**EYES:** Avoid contact with eyes; may cause redness, irritation and conjunctivitis.

**SKIN:** May cause skin irritation.

**SKIN ABSORPTION:** Skin absorption can occur.

**INGESTION:** Ingestion of large amounts may produce abdominal pain, nausea and vomiting. Swallowing small amounts is not likely to produce harmful effects.

**INHALATION:** Prolonged or excessive inhalation may cause respiratory tract irritation.

#### SIGNS AND SYMPTOMS OF OVEREXPOSURE

**EYES:** Symptoms of overexposure include: stinging, tearing, redness and pain.

**SKIN:** Prolonged exposure causes redness, pain, drying and cracking of the skin.

**INGESTION:** For large amounts; abdominal pain, nausea and vomiting.

**INHALATION:** High concentrations may lead to central nervous system effects (drowsiness, dizziness, nausea, headaches, paralysis and loss of consciousness).

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt. %	CAS	EINECS
Ethanol	1 - 5	64-17-5	200-578-6
2- Butoxyethanol	0.5 - 1.5	111-76-2	
Isobutane	1 - 5	75-28-5	
Propane	< 1	74-98-6	

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### 4. FIRST AID MEASURES

**EYES:** Immediately flush eyes with plenty of water. Get medical attention, if irritation persists.

**SKIN:** Wash with soap and water. Get medical attention if irritation develops or persists.

**INGESTION:** Aspiration hazard. If swallowed, vomiting may occur spontaneously, but do not induce. If vomiting occurs, keep head below hips to prevent aspiration into lungs. Call a physician immediately.

**INHALATION:** Remove to fresh air. If not breathing, give artificial respiration or give oxygen by trained personnel. Seek immediate medical attention.

### 5. FIRE FIGHTING MEASURES

**FLASHPOINT AND METHOD:** Not Flammable

**FLAMMABLE LIMITS:** Not established to Not established

**EXTINGUISHING MEDIA:** Use alcohol foam, carbon dioxide, or water spray when fighting fires involving this material.

**HAZARDOUS COMBUSTION PRODUCTS:** Carbon monoxide, Carbon dioxide, and hydrogen bromide.

**FIRE FIGHTING PROCEDURES:** Evacuate area and fight fire from a safe distance.

**FIRE FIGHTING EQUIPMENT:** As in any fire, wear self-contained breathing apparatus pressure-demand, (MSHA/NIOSH approved or equivalent) and full protective gear.

**COMMENTS:** Flame Projection Test (ASTM D-3065) - 0", no flashback, non-flammable

### 6. ACCIDENTAL RELEASE MEASURES

**SMALL SPILL:** Contain spill with dike to prevent entry into sewers.

**LARGE SPILL:** Clean up spills immediately, observing precautions in Protective Equipment section.

**GENERAL PROCEDURES:** Dike area to contain spill. Take precautions as necessary to prevent contamination of ground and surface waters. Recover spilled material on adsorbent, such as sawdust or vermiculite, and sweep into closed containers for disposal. After all visible traces, including vapors, have been removed thoroughly wet vacuum the area. Do not flush to sewer. If area of spill is porous, remove as much contaminated earth, gravel, etc. as necessary and place in closed containers for disposal.

### 7. HANDLING AND STORAGE

**GENERAL PROCEDURES:** Wash thoroughly after handling. Use only in a well ventilated area. Store in a cool dry place.

**HANDLING:** Avoid prolonged or repeated contact with skin.

**STORAGE:** Store away from heat.

### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION



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### EXPOSURE GUIDELINES

OSHA HAZARDOUS COMPONENTS (29 CFR1910.1200)							
		EXPOSURE LIMITS					
		OSHA PEL		ACGIH TLV		Supplier OEL	
Chemical Name		ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>
Ethanol	TWA	1000 ppm	1900 mg/m <sup>3</sup>	1000 ppm	1880 mg/m <sup>3</sup>	NL	NL
	STEL	NL ppm	NL mg/m <sup>3</sup>	NL ppm	NL mg/m <sup>3</sup>	NL	NL
2- Butoxyethanol	TWA	25 ppm	121(S) mg/m <sup>3</sup>	25(S) ppm <sup>[1]</sup>	121(S) mg/m <sup>3</sup> <sup>[1]</sup>	NL ppm	NL ppm
	STEL	NL ppm	NL mg/m <sup>3</sup>	NL ppm	NL mg/m <sup>3</sup>	NL mg/m <sup>3</sup>	NL mg/m <sup>3</sup>

**OSHA TABLE COMMENTS:**  
 1. S = Skin

### PERSONAL PROTECTIVE EQUIPMENT

**EYES AND FACE:** For normal conditions, wear safety glasses. Where there is reasonable probability of liquid contact, wear splash-proof goggles.

**SKIN:** Not Applicable

**RESPIRATORY:** Not Applicable

**WORK HYGIENIC PRACTICES:** Wash hands before eating and wash before reuse.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

**APPEARANCE:** Clear, Colorless liquid

**pH:** 9.8 to 10.8

**PERCENT VOLATILE:** 100

**BOILING POINT:** 100°C (212°F)

**FLASHPOINT AND METHOD:** Not Flammable

**SOLUBILITY IN WATER:** Soluble

**DENSITY:** 0.993 at 21.1°C (70°F)

**(VOC):** 7.380 % by weight

### 10. STABILITY AND REACTIVITY

**STABILITY:** Stable.

**POLYMERIZATION:** Will not occur.

**CONDITIONS TO AVOID:** Stable. However, may decompose if heated.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Oxides of Carbon (CO and CO<sub>2</sub>) may form when heated to decomposition.

**INCOMPATIBLE MATERIALS:** Oxidizing materials.

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### 11. TOXICOLOGICAL INFORMATION

#### ACUTE

**DERMAL LD<sub>50</sub>:** Slight to very low toxicity.

**SKIN ABSORPTION:** Skin absorption may occur with glycol ethers. No further information available.

**EYE EFFECTS:** May be mildly irritating to eyes.

#### CARCINOGENICITY

Chemical Name	NTP Status	IARC Status	OSHA Status
Ethanol	NOT LISTED	NOT LISTED	NOT LISTED

**IARC:** 2-butoxyethanol is IARC-listed as Group 3.

### 12. ECOLOGICAL INFORMATION

**ENVIRONMENTAL DATA:** There is limited information available on the environmental fate and effects of this material. The primary environmental concern for release is the impact on aquatic and terrestrial species. Due care should be taken to avoid the accidental release of this material into the environment.

### 13. DISPOSAL CONSIDERATIONS

**DISPOSAL METHOD:** Federal, State, and Local laws governing disposal of materials can differ. Ensure compliance with proper authorities before disposal.

**GENERAL COMMENTS:** Dispose of in a manner consistent with federal, state, and local regulations.

### 14. TRANSPORT INFORMATION

#### DOT (DEPARTMENT OF TRANSPORTATION)

**PROPER SHIPPING NAME:** CONSUMER COMMODITY ORM-D

#### ROAD AND RAIL (ADR/RID)

**PROPER SHIPPING NAME:** AEROSOLS IN LIMITED QUANTITIES OF CLASS 2

**KEMLER NUMBER:** UN1950

**HAZARD CLASS:** 2.2

#### AIR (ICAO/IATA)

**SHIPPING NAME:** AEROSOLS

**PRIMARY HAZARD CLASS/DIVISION:** 2.2

**PACKING GROUP:** NA

#### VESSEL (IMO/IMDG)

**SHIPPING NAME:** AEROSOLS IN LIMITED QUANTITIES OF CLASS 2

**UN/NA NUMBER:** 1950

**PRIMARY HAZARD CLASS/DIVISION:** 2

**PACKING GROUP:** NA

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### 15. REGULATORY INFORMATION

#### UNITED STATES

##### SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

**PRESSURE GENERATING:** Yes

**313 REPORTABLE INGREDIENTS:** 2-butoxyethanol (CAS# 111-76-2)

##### EPCRA SECTION 313 SUPPLIER NOTIFICATION

Chemical Name	Wt. %	CAS
2- Butoxyethanol	0.5 - 1.5	111-76-2

##### CERCLA (COMPREHENSIVE RESPONSE, COMPENSATION, AND LIABILITY ACT)

**CERCLA REGULATORY:** None of the ingredients are CERCLA/Superfund hazardous chemicals.

##### TSCA (TOXIC SUBSTANCE CONTROL ACT)

Chemical Name	CAS
Ethanol	64-17-5
2- Butoxyethanol	111-76-2

**TSCA REGULATORY:** All chemicals in this product are listed on the TSCA Inventory.

**TSCA STATUS:** All components of this product are either listed or exempt from listing in the TSCA inventory.

##### CLEAN AIR ACT

**40 CFR PART 68---RISK MANAGEMENT FOR CHEMICAL ACCIDENT RELEASE PREVENTION:** Ethylene glycol monobutyl ether (CAS# 111-76-2) is considered a SOCOMI chemical.

**CALIFORNIA PROPOSITION 65:** This product does not contain any chemicals known to the State of California to cause cancer.

#### CANADA

**WHMIS (WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM):** This MSDS has been prepared according to the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all of the information required by the CPR.

**WHMIS CLASS:** Class A - Aerosol

**CANADA INGREDIENT DISCLOSURE LIST:** CAS# 67-63-0 is listed on Canada's Ingredient Disclosure List.

**DOMESTIC SUBSTANCE LIST (INVENTORY):** All components of this product are listed on the Canadian DSL.

### 16. OTHER INFORMATION

**APPROVED BY:** Pierce A. Pillon      **TITLE:** Chemist

**REVISION SUMMARY:** This MSDS replaces the 01/23/2012 MSDS.

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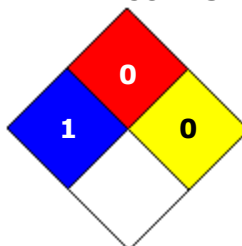


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### NFPA CODES



**DATA SOURCES:** Code of Federal Regulations (CFR) The Sigma-Aldrich Library of Regulatory and Safety Data  
OSHA Hazard Communication Standard (29CFR1910.1200) Various Federal, State and Local Regulations

**GENERAL STATEMENTS:** Product manufactured after 3 March 2008 includes the ingredient 2-butoxyethanol (CAS# 11-76-2).

**MANUFACTURER DISCLAIMER:** To the best of our knowledge, the information contained herein is accurate. However, neither Tech Spray, L.P., or any of its subsidiaries assumes 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 hazards which exist.