



# MATERIAL SAFETY DATA SHEET

Date Issued: 04/19/2004  
MSDS No: 01136/01138  
Date Revised: 11/04/2009  
Revision No: 4

## Screen Cleaner Wipes

### 1. PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** Screen Cleaner Wipes  
**PRODUCT DESCRIPTION:** Pre-moistened screen cleaner wipes  
**PRODUCT CODE:** 01136/01138

#### MANUFACTURER

Techspray, L.P.  
1001 N.W. 1st Street  
P.O. Box 949  
Amarillo TX 79107

**Emergency Contact:** Chemtrec  
**Product Stewardship:** 1-800-858-4043  
**Service Number:** 1-800-858-4043

#### 24 HR. EMERGENCY TELEPHONE NUMBERS

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

**COMMENTS:** This MSDS was reviewed on 30 Oct. 2006.

### 2. HAZARDS IDENTIFICATION

#### HAZARD DESIGNATION

"Xi" - Irritant  
R36/38 - Irritating to eyes and skin.

#### EMERGENCY OVERVIEW

**IMMEDIATE CONCERNS:** Very mild (if any) eye/skin irritant.

#### POTENTIAL HEALTH EFFECTS

**EYES:** Irritating, but will not permanently injure eye tissue.

**SKIN:** Prolonged or repeated contact can result in defatting and drying of the skin which may result in skin irritation and dermatitis (rash). Absorption through intact skin is possible.

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

**INGESTION:** Substance may be harmful if swallowed.

**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:** May cause slight irritation.

**SKIN ABSORPTION:** Glycol ether ingredients may be absorbed through skin.

**INGESTION:** Ingestion may result in diarrhea and/or nausea.

**INHALATION:** Vapor inhalation can result in headache, nausea, and coordination problems.

**ACUTE TOXICITY:** Low hazard for usual industrial or commercial handling.

**CHRONIC EFFECTS:** Frequent or prolonged contact may irritate the skin and cause a skin rash (dermatitis).



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### 3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt. %	CAS	EINECS
Water	60 - 100	7732-18-5	231-791-2
2- Butoxyethanol	1 - 5	111-76-2	
2-Propanol	0.5 - 1.5	67-63-0	200-661-0

### 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:** If swallowed, gently wipe or rinse the inside of the mouth with water. DO NOT induce vomiting. Sips of water may be given if person is fully conscious. Never give anything by mouth to an unconscious or convulsing person. Immediately contact a poison control center, emergency room or physician as further treatment may be necessary.

**INHALATION:** Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

### 5. FIRE FIGHTING MEASURES

**FLASHPOINT AND METHOD:** None to boiling point --- TAG CC

**AUTOIGNITION TEMPERATURE:** Not Applicable

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

**HAZARDOUS COMBUSTION PRODUCTS:** Smoke, fumes and oxides of carbon.

### 6. ACCIDENTAL RELEASE MEASURES

**SMALL SPILL:** Absorb liquid and place in sealed container for disposal. Vapors can travel to an ignition source.

**GENERAL PROCEDURES:** Absorb the liquid and scrub the area with detergent and water.

### 7. HANDLING AND STORAGE

**GENERAL PROCEDURES:** Follow all MSDS/label precautions even after container is emptied because they may retain product residues.

**HANDLING:** Empty containers will retain product residue and vapor and should be handled as if they were full.

**STORAGE:** Store in a tightly closed container.



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**STORAGE TEMPERATURE:** Store in a cool place below ( 120 ) F ( 49 ) C.

**STORAGE PRESSURE:** Store at local atmospheric pressure.

### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

#### 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>
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>
2-Propanol	TWA	400 ppm	980 mg/m <sup>3</sup>	400 ppm	983 mg/m <sup>3</sup>	NL <sup>[2]</sup>	NL <sup>[2]</sup>
	STEL	500 ppm	1225 mg/m <sup>3</sup>	500 ppm	1230 mg/m <sup>3</sup>	NL	NL
<b>OSHA TABLE COMMENTS:</b> 1. S = Skin 2. NL = Not Listed							

#### 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:** The glove(s) listed below may provide protection against permeation. Gloves of other chemically resistant materials may not provide adequate protection. Viton, Solvex, Butyl, Buna, Neoprene.

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

**OTHER USE PRECAUTIONS:** Emergency shower and eyewash facility should be in close proximity.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

Chemical Name	Flash Point (°C)	Boiling Point (°C)	Specific Gravity
2-Propanol	53.6	82.4	0.785

**PHYSICAL STATE:** Liquid

**ODOR:** Pleasant



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**APPEARANCE:** Clear, Colorless liquid

**pH:** 3 to 4

**VAPOR PRESSURE:** Not Applicable

**VAPOR DENSITY:** > 1

**BOILING POINT:** ~ 100°C (212°F)

**FLASHPOINT AND METHOD:** None to boiling point --- TAG CC

**SOLUBILITY IN WATER:** Soluble

**SPECIFIC GRAVITY:** 0.998 (water=1)

**(VOC):** 3.990 g/L (non-exempt VOC)

### 10. STABILITY AND REACTIVITY

**STABILITY:** Stable.

**POLYMERIZATION:** Will not occur.

**CONDITIONS TO AVOID:** Heat, flames, ignition sources, and incompatibles.

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

**INCOMPATIBLE MATERIALS:** Oxidizing materials.

### 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.

**INHALATION LC<sub>50</sub>:** Slight to very low toxicity.

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

**SKIN EFFECTS:** The mixture is a mild to severe skin irritant but is not a skin sensitizer in animals.

#### CARCINOGENICITY

Chemical Name	NTP Status	IARC Status	OSHA Status
2-Propanol	NOT LISTED	NOT LISTED	NOT LISTED

**IARC:** NOT listed

**NTP:** NOT listed

**OSHA:** NOT listed



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### 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.

**ECOTOXICOLOGICAL INFORMATION:** Isopropyl alcohol has a high biochemical oxygen demand and a potential to cause oxygen depletion in aqueous systems, a low potential to affect aquatic organisms, a low potential to affect secondary waste treatment microbial metabolism, a low potential to affect the germination of some plants, a high potential to biodegrade (low persistence) with unacclimated microorganisms from activated sludge.

### 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:** Not regulated

**PRIMARY HAZARD CLASS/DIVISION:** No classification

**UN/NA NUMBER:** NA

**PACKING GROUP:** NA

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

**PROPER SHIPPING NAME:** Not regulated

**KEMLER NUMBER:** N/A

**HAZARD CLASS:** No classification

#### AIR (ICAO/IATA)

**SHIPPING NAME:** Not regulated

**UN/NA NUMBER:** NA

**PRIMARY HAZARD CLASS/DIVISION:** No classification

**PACKING GROUP:** NA

#### VESSEL (IMO/IMDG)

**SHIPPING NAME:** Not regulated

**UN/NA NUMBER:** NA

**PRIMARY HAZARD CLASS/DIVISION:** No classification

**PACKING GROUP:** NA



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### 15. REGULATORY INFORMATION

#### UNITED STATES

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

**FIRE:** No **PRESSURE GENERATING:** No **REACTIVITY:** No **ACUTE:** No **CHRONIC:** Yes

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

#### EPCRA SECTION 313 SUPPLIER NOTIFICATION

Chemical Name	Wt. %	CAS
2- Butoxyethanol	1 - 5	111-76-2
2-Propanol	0.5 - 1.5	67-63-0

#### 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
Water	7732-18-5
2- Butoxyethanol	111-76-2
2-Propanol	67-63-0

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

#### OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA)

#### 29 CFR1910.119---PROCESS SAFETY MANAGEMENT OF HIGHLY HAZARDOUS

**CHEMICALS:** None of the chemicals in this product are considered highly hazardous by OSHA.

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

**OSHA HAZARD COMM. RULE:** Contents of this MSDS comply with the OSHA Hazard Communication Standard 29 CFR 1910.1200.

**CLEAN WATER ACT:** NOT listed

#### EUROPEAN COMMUNITY

#### EEC LABEL SYMBOL AND CLASSIFICATION



"Xi" - Irritant  
R36/38 - Irritating to eyes and skin.

### 16. OTHER INFORMATION

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

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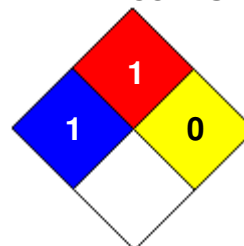
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**REVISION SUMMARY:** Revision #: 4. This MSDS replaces the March 04, 2008 MSDS. , , , , , Any changes in information are as follows: In Section 2: Potential Health Effects - InhalationIn Section 5: (Group Field) for Flash PointIn Section 9: Odor, (Group Field) for pH, (pH) (From), (pH) (To), (Group Field) for Vapor Pressure Density, Vapor Density #, Specific Gravity (Operator), Specific Gravity (From), Vapor Density (Operator), Evaporation Rate (Operator), Evaporation Rate (From), Evaporation Rate Reference, Percent Volatile, (VOC) (wt%) (Operator), VOC (From)In Section 10: Incompatible MaterialsIn Section 11: Oral LD50In Section 14: DOT Proper Shipping Name, International (IMO /IMDG) - Proper Shipping Name, Air (IATA /ICAO) - Proper Shipping Name, ADR/RID (Transport by Road and Rail) - Shipping NameIn Section 15: SARA 313 Reportable Ingredients, CERCLA Regulatory, CERCLA RQ, RCRA Status, EEC Symbol Id., EEC Risk Phrase Codes

### 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

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