



Chemical Name: Zero Charge Mat and Table Top Cleaner

Manufacturer: Tech Spray

Container size: 1qt.

Location: SOC

Disposal: Place empty container in trash.

MATERIAL SAFETY DATA SHEET

Finished Product



Date Issued: 01/02/2003
MSDS No: 1733-B
Date Revised: 03/02/2012
Revision No: 8

Zero Charge Mat & Table Top Cleaner**1. PRODUCT AND COMPANY IDENTIFICATION**

PRODUCT NAME: Zero Charge Mat & Table Top Cleaner
PRODUCT DESCRIPTION: Mat/Table Top Cleaner
PRODUCT CODE: 1733/CAN/EUR-2FP, PT, QT, G, 5G, 54G
PRODUCT FORMULATION NAME: Zero Charge Mat & Table Top Cleaner
ACTIVE INGREDIENT(S): Water

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

COMMENTS: This MSDS was reviewed on 30 Nov. 2006.

2. HAZARDS IDENTIFICATION**HAZARD DESIGNATION**

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

EMERGENCY OVERVIEW

IMMEDIATE CONCERNS: May cause skin/eye irritaton. May be 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 may cause nausea and diarrhea.

INHALATION: No hazard in normal industrial use.

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: No observable effects of overexposure.

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

CHRONIC EFFECTS: Not Established

CARCINOGENICITY: Not Established

MUTAGENICITY: Not Established

REPRODUCTIVE TOXICITY

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TERATOGENIC EFFECTS: None Expected.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt. %	CAS	EINECS
Water	90 - 95	7732-18-5	231-791-2
2-Propanol	< 1	67-63-0	200-661-7
Nonionic Emulsifier (ID# OP0404)	< 1		
Tetrasodium ethylenediaminetetraacetate	< 1	13235-36-4	
Sodium hydroxide	< 1	1310-73-2	215-185-5
Ethylbis (hydroxyethyl) tallow alkyl, ethoxylated, Et sulfates	< 1	68071-95-4	
Benzenesulfonic acid, C10-16-alkyl derivs.	< 2	68584-22-5	271-528-9
Alcohols, C10-14, ethoxylated	< 0.5	66455-15-0	xxx-xxx-x*

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, do not induce vomiting. If conscious and alert, give two glasses of water. Seek medical attention.

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

FLAMMABLE LIMITS: NA to NA

EXTINGUISHING MEDIA: Water, foam, dry chemical, carbon dioxide.

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

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

HAZARDOUS DECOMPOSITION PRODUCTS: None Expected.

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILL: Avoid runoff into storm sewers and ditches which lead to waterways.

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

7. HANDLING AND STORAGE

GENERAL PROCEDURES: Wash thoroughly after handling. Use only in a well ventilated area. Follow all MSDS/label precautions even after container is emptied because they may retain product residues. Store in a

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cool dry place.

STORAGE: Store in a cool place in original container and protect from sunlight.**STORAGE TEMPERATURE:** Store in adequate storage area at ambient temp.**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 ³	ppm	mg/m ³	ppm	mg/m ³
2-Propanol	TWA	400 ppm	980 mg/m ³	400 ppm	983 mg/m ³	NL [1]	NL [1]
	STEL	500 ppm	1225 mg/m ³	500 ppm	1230 mg/m ³	NL	NL
Nonionic Emulsifier (ID# OP0404)	TWA	NE		NE		NE	
	STEL	NE		NE		NE	
Sodium hydroxide	TWA	NL [1]	NL [1]	NL	NL	NL	NL
	STEL	NL [2]	C 2 [2]	NL	C 2	NL	NL
Benzenesulfonic acid, C10-16-alkyl derivs.	TWA	NL ppm [1]	NL mg/m ³ [1]	NL ppm	NL mg/m ³	NL ppm	NL mg/m ³
	STEL	NL ppm	NL mg/m ³	NL ppm	NL mg/m ³	NL ppm	NL mg/m ³

OSHA TABLE COMMENTS:
 1. NL = Not Listed
 2. C = Ceiling

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:** Chloroprene or nitrile gloves are recommended for use with this product.**RESPIRATORY:** NIOSH/MSHA approved air purifying respirator with an organic vapor cartridge or canister may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits. Protection provided by air purifying respirators is limited. Use a positive pressure air supplied respirator if there is any potential for an uncontrolled release, exposure levels are not known, or any other circumstances where air purifying respirators may not provide adequate protection.**PROTECTIVE CLOTHING:** NOT listed**WORK HYGIENIC PRACTICES:** Wash hands before eating and wash before reuse.**9. PHYSICAL AND CHEMICAL PROPERTIES**

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Chemical Name	Flash Point (°C)	Boiling Point (°C)	Specific Gravity
2-Propanol	11.7	82.4	0.785

PHYSICAL STATE: Liquid**ODOR:** Pleasant**COLOR:** Light blue.**pH:** 7.2**PERCENT VOLATILE:** 70**VAPOR PRESSURE:** Not Applicable**VAPOR DENSITY:** Not Available**BOILING POINT:** 100°C (212°F) (760 mmHg)**FREEZING POINT:** 0°C (32°F)**FLASHPOINT AND METHOD:** None**SOLUBILITY IN WATER:** 100**Notes:** % by weight in water**EVAPORATION RATE:** Not Established**SPECIFIC GRAVITY:** 1.030 (water=1)**MOLECULAR WEIGHT:** Not Applicable**(VOC):** 11.000 g/L**Notes:** Non-exempt**10. STABILITY AND REACTIVITY****STABLE:** Yes**HAZARDOUS POLYMERIZATION:** No**STABILITY:** Stable.**POLYMERIZATION:** Will not occur.**CONDITIONS TO AVOID:** Stable. However, may decompose if heated.**HAZARDOUS DECOMPOSITION PRODUCTS:** Oxides of Carbon (CO and CO₂) may form when heated to decomposition.**INCOMPATIBLE MATERIALS:** None known.**11. TOXICOLOGICAL INFORMATION****ACUTE**

Chemical Name	ORAL LD ₅₀ (rat)
Nonionic Emulsifier (ID# OP0404)	3.05 g/kg

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Zero Charge Mat & Table Top Cleaner**EYES:** Irritation eye rabbit, severe**DERMAL LD₅₀:** Mildly to moderately irritating.**SKIN ABSORPTION:** Not Established**ORAL LD₅₀:** Oral - Rat LD50:5045 mg/kg for 2-propanol.**INHALATION LC₅₀:** Slight to very low toxicity.**NOTES:** Not Established**EYE EFFECTS:** Mixture is a moderate eye irritant.**SKIN EFFECTS:** Causes irritation to skin.**CHRONIC:** Not Established**SUBCHRONIC:** Not Established**CARCINOGENICITY**

Chemical Name	NTP Status	IARC Status	OSHA Status
2-Propanol	NOT LISTED	NOT LISTED	NOT LISTED
Nonionic Emulsifier (ID# OP0404)	NOT LISTED	NOT LISTED	NOT LISTED
Benzenesulfonic acid, C10-16-alkyl derivs.	NOT LISTED	NOT LISTED	NOT LISTED

IARC: Not Established**NEUROTOXICITY:** None Expected.**REPRODUCTIVE EFFECTS:** None known.**TERATOGENIC EFFECTS:** Not Established**MUTAGENICITY:** Not Established**12. ECOLOGICAL INFORMATION****ENVIRONMENTAL DATA:** Not Available

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)**

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PROPER SHIPPING NAME: Nonhazardous
PRIMARY HAZARD CLASS/DIVISION: Not Regulated
UN/NA NUMBER: NA
PACKING GROUP: NA

ROAD AND RAIL (ADR/RID)

HAZARD CLASS: No classification

AIR (ICAO/IATA)

SHIPPING NAME: Nonhazardous
UN/NA NUMBER: NA
PRIMARY HAZARD CLASS/DIVISION: No classification
PACKING GROUP: NA

VESSEL (IMO/IMDG)

SHIPPING NAME: Nonhazardous
UN/NA NUMBER: NA
PRIMARY HAZARD CLASS/DIVISION: No classification
PACKING GROUP: NA

15. REGULATORY INFORMATION**UNITED STATES****SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)**

311/312 HAZARD CATEGORIES: ACUTE

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

313 REPORTABLE INGREDIENTS: Glycol ethers

EPCRA SECTION 313 SUPPLIER NOTIFICATION

Chemical Name	Wt.%	CAS
2-Propanol	< 1	67-63-0

TITLE III NOTES: Residual ethylene oxide CAS# 75-21-8, range <0.0001%.

302/304 EMERGENCY PLANNING

EMERGENCY PLAN: Residual ethylene oxide, range < 0.0001%

CERCLA (COMPREHENSIVE RESPONSE, COMPENSATION, AND LIABILITY ACT)

CERCLA REGULATORY: Residual ethylene oxide, RQ=10. Glycol ethers, RQ=1.

TSCA (TOXIC SUBSTANCE CONTROL ACT)

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Chemical Name	CAS
Water	7732-18-5
2-Propanol	67-63-0
Sodium hydroxide	1310-73-2
Benzenesulfonic acid, C10-16-alkyl derivs.	68584-22-5
Alcohols,C10-14, ethoxylated	66455-15-0

TSCA STATUS: All chemicals in this product are listed in the TSCA inventory.

OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA)

29 CFR 1910.119---PROCESS SAFETY MANAGEMENT OF HIGHLY HAZARDOUS CHEMICALS: Residual ethylene oxide, CAS# 75-21-8.

THRESHOLD QUANTITY: 5000

CALIFORNIA PROPOSITION 65: This product contains a residual component (ethylene oxide, CAS# 75-21-8) known in the state of California to cause cancer.

RCRA STATUS: NA = Not Applicable

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

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.

EUROPEAN COMMUNITY**EEC LABEL SYMBOL AND CLASSIFICATION**

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

COMMENTS Product manufactured after 21 June 2007 conforms to Directive 2003/53/EC concerning the restriction of nonylphenols and nonylphenol ethoxylates.

16. OTHER INFORMATION

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

PREPARED BY: Steve Cook

REVISION SUMMARY: This MSDS replaces the 04/26/2010 MSDS.

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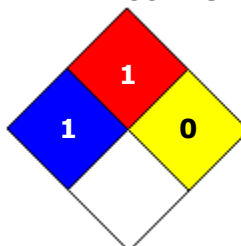
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Zero Charge Mat & Table Top Cleaner**HMIS RATING**

HEALTH	<input type="checkbox"/>	1
FLAMMABILITY		1
PHYSICAL HAZARD		0
PERSONAL PROTECTION		B

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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