



Zero Charge® Mat & Table Top Cleaner

Anti-Static Cleaner

1733

Introduction

A neutral pH cleaner for general use in production areas that removes insulating contaminants such as flux residues, oils, greases, nicotine, dirt, and grime. Mat & Table Top Cleaner eliminates charge while leaving an anti-static agent that helps prevent static charge build-up.

Features / Benefits

- Rejuvenates Anti-Static Mats
- No Ammonia
- Non-Corrosive
- Anti-Static Formulation
- Non-Abrasive
- Leaves No Insulating Film

Chemical Components

Deionized Water.....	(7732-18-5)	95-99%
Sodium Hydroxide.....	(1310-73-2)	<<1%
Poly(oxy-1,2-ethanediyl.....	(9016-45-9)	<1%
Dodecylbenzene Sulfonic Acid.....	(27176-87-0)	<1%
Isopropanol.....	(67-63-0)	.4%
Tetrasodium Ethylenediamine-Tetraacetate		<<1%
Diethanol Amide of coconut fatty acid		<<1%
Sodium Tripolyphosphate.....	(7758-29-4)	<<1%

Environmental Policy

Techspray® is committed to developing products to ensure a safer and cleaner environment. We will continue to meet and sustain the regulations of all federal, state and local government agencies.

Packaging and Availability

Zero Charge® Mat & Table Top is available in the following sizes:

1733-2FP	2 Ounce Finger Pump
1733-PT	1 Pint with Trigger in Plastic
1733-QT	1 Quart with Trigger in Plastic
1733-G	1 Gallon in Plastic
1733-5G	5 Gallons in Plastic

MATERIAL SAFETY DATA SHEET

Finished Product

MSDS Ref. No : 1733-B

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

MANUFACTURER

Techspray, L.P.

2. COMPOSITION / INFORMATION ON INGREDIENTS

<u>Chemical Name</u>	<u>Content</u>	<u>CAS</u>	<u>EINECS</u>
Water	90 - 95	7732-18-5	231-791-2
2-Propanol	< 1	67-63-0	200-661-0
Nonionic Emulsifier (ID# OP0404)	< 1		
Tetrasodium ethylenediaminetetraacetate	< 1	13235-36-4	
Sodium hydroxide	< 1	1310-73-2	215-185-5
Crodaquat 66	< 1	68071-95-4	
Benzenesulfonic acid, C10-16-alkyl derivs.	< 2	68584-22-5	271-528-9
Poly(oxy-1,2-ethanediyl),-(nonylphenyl)-w-hydroxy	< 1	9016-45-9	xxx-xxx-x

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 cool dry place.

STORAGE: Store in a cool place in original container and protect from sunlight.

STORAGE PRESSURE: Store at local atmospheric pressure.

STORAGE TEMPERATURE: Store in adequate storage area at ambient temp.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE GUIDELINES:

OSHA HAZARDOUS COMPONENTS (29 CFR 1910.1200)

<u>Chemical Name</u>	<u>EXPOSURE LIMITS</u>					
	<u>OSHA PEL</u>		<u>ACGIH TLV</u>		<u>Supplier OEL</u>	
	<u>ppm</u>	<u>mg/m³</u>	<u>ppm</u>	<u>mg/m³</u>	<u>ppm</u>	<u>mg/m³</u>

2-Propanol	TWA	400 ppm	980 mg/m ³	400 ppm	983 mg/m ³	NL [1]	NL
	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	NL	NL	NL	NL	NL
	STEL	NL [2]	C 2	NL	C 2	NL	NL
Benzenesulfonic acid, C10-16-alkyl derivs.	TWA	NL ppm	NL mg/m ³	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

Poly(oxy-1,2-ethanediyl),-(nonylphenyl)-w-hydroxy

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

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)

SOLUBILITY IN WATER: 100

EVAPORATION RATE: Not Established

SPECIFIC GRAVITY: 1.03 (water=1)

MOLECULAR WEIGHT: Not Applicable

(VOC): 11 g/L

(VOC) NOTES: Non-exempt

COMMENTS:

WATER SOLUBILITY: % by weight in water

10. STABILITY AND REACTIVITY

STABLE: YES

HAZARDOUS POLYMERIZATION: NO

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

STABILITY: Stable.

POLYMERIZATION: Will not occur.

HAZARDOUS DECOMPOSITION PRODUCTS: Oxides of Carbon (CO and CO₂) may form when heated to decomposition.

INCOMPATIBLE MATERIALS: None known.

11. TOXICOLOGICAL INFORMATION

<u>INGREDIENT(S)</u>	<u>ORAL LD₅₀ (rat)</u>	<u>DERMAL LD₅₀ (rabbit)</u>	<u>INHALATION LC₅₀ (rat)</u>
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Nonionic Emulsifier (ID# OP0404)	3.05 - g/kg		
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Poly(oxy-1,2-ethanediyl),-	3.31 - g/kg		
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(nonylphenyl)-w-hydroxy			
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ACUTE

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.

Not Established

EYE EFFECTS: Mixture is a moderate eye irritant.

SKIN EFFECTS: Causes irritation to skin.

SUBCHRONIC: Not Established

CHRONIC: Not Established

CARCINOGENICITY:

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

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)

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

RCRA STATUS: NA = Not Applicable

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

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

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



R36/38 - Irritating to eyes and skin.

EEC Irritant - "Xi"

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