

MATERIAL SAFETY DATA SHEET

Finished Product



Date-Issued: 12/31/2002
MSDS Ref. No: 1726
Date-Revised: 06/02/2004
Revision No: 3

Zero Charge Anti Stat

1. PRODUCT AND COMPANY

PRODUCT NAME: Zero Charge Anti Stat
PRODUCT DESCRIPTION: Zero Charge Anti-Stat
PRODUCT CODE: 1726/CAN/EUR-2FP, PT,QT, G,

MANUFACTURER

Techspray, L.P.
 1001 N.W. 1st Street
 P.O. Box 949
 Amarillo, TX 79107
Contact: Chemtrec
Product Stewardship: 1-800-858-

Distributor

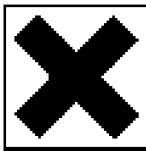
Production Automation Corporation

6200 Bury Drive
 Eden Prairie, MN 55346
Contact:
 MN (Main Office): 888-903-0333
 CA (Regional Office): 888-839-3936
 TX (Regional Office): 713-460-2626
www.gotopac.com

2. COMPOSITION / INFORMATION ON

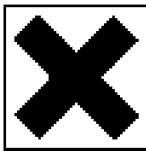
<u>Chemical Name</u>	<u>Wt.%</u>	<u>CAS#</u>	<u>EINECS#</u>
Water	80 - 90	7732-18-5	231-791-2
VARIQUAT 66	1 - 5	68071-95-4	
Ethanol	5 - 10	64-17-5	200-578-6
2-Propanol	<1	67-63-0	200-661-0
Methanol	<1	67-56-1	200-659-6

EEC LABEL SYMBOL AND



R22 - Harmful if

EEC Harmful - "Xn"



R36 - Irritating to

EEC Irritant - "Xi"

3. HAZARDS

EMERGENCY OVERVIEW

IMMEDIATE CONCERNS: Contains small amounts of methanol, which is harmful if swallowed.

POTENTIAL HEALTH EFFECTS

EYES: Moderately irritating to the eyes.

SKIN: Prolonged or repeated contact can result in defatting and drying of the skin which may result in skin irritation and dermatitis (rash).

SKIN ABSORPTION: No negative effects anticipated via absorption.

INGESTION: Harmful if swallowed --- contains small amounts of methanol.

INHALATION: No hazard in normal industrial use.

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.

SKIN ABSORPTION: None Expected.

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: Not Established

CARCINOGENICITY: Not

Available **MUTAGENICITY:** Not

REPRODUCTIVE TOXICITY

TERATOGENIC EFFECTS: Contains Methanol which has been established as a teratogen by inhalation. See Sec.11 for details.

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

FLASHPOINT AND METHOD:

FLAMMABLE LIMITS: NA to

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

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.

HANDLING: Use with adequate ventilation.

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

STORAGE PRESSURE: Store at local atmospheric

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

8. EXPOSURE CONTROLS / PERSONAL

EXPOSURE GUIDELINES:**OSHA HAZARDOUS COMPONENTS (29 CFR 1910.1200)**

		EXPOSURE					
		OSHA PEL		ACGIH TLV		Supplier OEL	
		ppm	mg/m³	ppm	mg/m³	ppm	mg/m³
Ethanol	TWA	1000	1900	1000	1880	NL	NL
	STEL	NL	NL	NL	NL	NL	NL
2-Propanol	TWA	400	980	400	983	NL ^[1]	NL
	STEL	500	1225	500	1230	NL	NL
Methanol	TWA	S 200 ^[2]	260	S 200	262	NL	NL
	STEL	250	310	250	328	NL	NL

OSHA TABLE COMMENTS:

1. NL = Not Listed
2. 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: 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.

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

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Liquid

ODOR: Pleasant

APPEARANCE: Clear, Colorless liquid

COLOR: Colorless

pH: 7.0

PERCENT VOLATILE: 97

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

DENSITY: 0.978 at 25°C

VISCOSITY: Not Applicable

MOLECULAR WEIGHT: Not Applicable

(VOC): 58.14 g/L

COMMENTS:

WATER SOLUBILITY: % by weight in

10. STABILITY AND

STABLE: NO

HAZARDOUS POLYMERIZATION: NO

STABILITY:

POLYMERIZATION: Will not

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon Dioxide and carbon Monoxide may form when heated to decomposition.

INCOMPATIBLE MATERIALS: Strong acids and alkalis, reactive metals and strong oxidizing agents.

11. TOXICOLOGICAL

ACUTE

EYES: Moderately to severely irritating

DERMAL LD

50: Not Established

SKIN ABSORPTION: Not Established

ORAL LD₅₀

: Not Established

INHALATION LC₅₀: None Expected.

Not Established

EYE EFFECTS: Mixture is a moderate eye irritant.

SKIN EFFECTS: Draize test, rabbit, skin: 500 mg Mild.

SUBCHRONIC:

Not Established

Not Established

CARCINOGENICITY:

IARC: Not Established

MUTAGENICITY: Not

REPRODUCTIVE EFFECTS: None

NEUROTOXICITY: None Expected.

TERATOGENIC EFFECTS: 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

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

DOT (DEPARTMENT OF TRANSPORTATION)

PROPER SHIPPING NAME: Nonhazardous

PRIMARY HAZARD CLASS/DIVISION: Not Regulated

UN/NA NUMBER: NA

AIR (ICAO/IATA)

PROPER SHIPPING NAME: Nonhazardous

PRIMARY HAZARD CLASS/DIVISION: Not Regulated

UN/NA NUMBER: NA

VESSEL (IMO/IMDG)

PROPER SHIPPING NAME: Nonhazardous

PRIMARY HAZARD CLASS/DIVISION: Not Regulated

UN/NA NUMBER: NA

15. REGULATORY

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: Methanol (<1%) 2-propanol (<1%)

302/304 EMERGENCY PLANNING

EMERGENCY PLAN: Methanol (#67-56-1)

CERCLA (COMPREHENSIVE RESPONSE, COMPENSATION, AND LIABILITY ACT) CERCLA REGULATORY: Methanol (#67-56-1)

CERCLA RQ: 5000 lbs

TSCA (TOXIC SUBSTANCE CONTROL ACT)

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

RCRA STATUS:

OSHA HAZARD COMM. RULE: Contents of this MSDS comply with the OSHA Hazard Communication

CLEAN AIR ACT

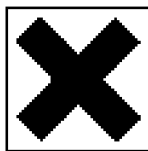
40 CFR PART 68---RISK MANAGEMENT FOR CHEMICAL ACCIDENT RELEASE PREVENTION: Methanol (CAS# 67-56-1)

OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA)

29 CFR 1910.119---PROCESS SAFETY MANAGEMENT OF HIGHLY HAZARDOUS CHEMICALS: None of the chemicals in this product are considered highly hazardous by OSHA.

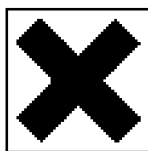
EUROPEAN COMMUNITY

EEC LABEL SYMBOL AND



R22 - Harmful if

EEC Harmful - "Xn"



R36 - Irritating to

EEC Irritant - "Xi"

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

to cause cancer.

16. OTHER INFORMATION

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

PREPARED BY: Steve

REVISION SUMMARY Revision #: 3

This MSDS replaces the July 17, 2003 MSDS. Any changes in information are as follows: In Section 15

EEC Symbol Id. EEC Risk Phrase Codes

NFPA



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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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