CROSSTEX A CANTEL MEDICAL COMPANY | PROTECTS®

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SAFETY DATA SHEET

SECTION 1 – IDENTIFICATION

Product Name: SaniTyze™ Waterless Moisturizing Antimicrobial Gel

Product Code(s): JWG2, JWG, JWGP, JWGEL1, JWGPRO1

Restrictions: Use only as directed.

Company:
Crosstex
10 Ranick Road
Hauppauge, New York 11788
631.582.6777

Emergency Telephone Number:
INFOTRAC:
24-Hour Number:1-800-535-5053
International: +1-352-323-3500

SECTION 2 – HAZARD(S) IDENTIFICATION

Classifications:
OSHA Regulatory Status
This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Acute toxicity – Oral	Not classified
Acute toxicity – Dermal	Not classified
Flammable liquids	Category 2

Pictograms:



Hazard Statements: Toxic to aquatic life with long lasting effects. Highly flammable liquid and vapor.

Precautionary Statements: Avoid release to the environment

Unclassified/Other Hazards: Unknown Acute Toxicity. 0.91% of the mixture consists of ingredient(s) of unknown toxicity

Disposal: Specific Treatment (See Section 4 on the SDS). Collect spillage. Dispose of contents/container to an approved waste disposal plant

SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS No.	Percent by Weight
Ethanol*	64-17-5	60-100
Water*	7732-18-5	10-30
2-Phenoxyethanol*	122-99-6	0.1-1
2-Amino-2-Methyl-1-Propanol*	124-68-5	<0.1

*The specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret.

SECTION 4 – FIRST AID MEASURES

Eye Contact:	Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.
Ingestion	Clean mouth with water and drink afterwards plenty of water.
Inhalation:	Remove to fresh air.
Skin Contact:	Wash skin with soap and water.
Symptoms and Effects:	Acute and Delayed: Any additional important symptoms and effects are described in Section 11: Toxicology Information.
Note to Physician:	Treat symptomatically.

SECTION 5 – FIRE FIGHTING MEASURES

Suitable Extinguishing Media:	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Unsuitable Extinguishing Media:	Caution: Use of water spray when fighting fire may be inefficient.
Specific Hazards Arising from the Chemical:	No information available.
Explosion Data:	Sensitivity to Mechanical Impact None. Sensitivity to Static Discharge None.
Protective Equipment/Precautions for Fire-Fighters:	As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Personal Precautions:	Ensure adequate ventilation, especially in confined areas.
Environmental Precautions:	See Section 12 for additional ecological information.
Methods for Containment:	Prevent further leakage or spillage if safe to do so.
Methods for Clean Up:	Pick up and transfer to properly labeled containers.

SECTION 7 – HANDLING & STORAGE

Precautions for Safe Handling:	Handle in accordance with good industrial hygiene and safety practice.
Conditions for Safe Storage:	Keep containers tightly closed in a dry, cool and well-ventilated place.
Incompatible Materials:	None known based on information supplied.

SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Ethanol 64-17-5	STEL: 1000 ppm	TWA: 1000 ppm TWA: 1900 mg/m^3 (vacated) TWA: 1000 ppm (vacated) TWA: 1900 mg/m^3	IDLH: 3300 ppm TWA: 1000 ppm TWA: 1900 mg/m^3

NIOSH IDLH Immediately Dangerous to Life or Health

Other Information: Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962 (11th Cir. 1992).

Personal Protection

Engineering Controls:	Showers, Eyewash stations & Ventilation systems.
Eye/Face Protection:	No special technical protective measures are necessary.
Respiratory Protection:	No protective equipment is needed under normal use conditions.
Skin and Body Protection:	No special technical protective measures are necessary.
General Hygiene:	Handle in accordance with good industrial hygiene and safety practice.

SECTION 9 – PHYSICAL & CHEMICAL PROPERTIES

Appearance:	Clear
Physical State:	Paste/Gel
Color	Light Green
Odor:	Mild Citrus
Odor Threshold:	No information available
pH:	6.5 - 7.5
Specific Gravity	.85 to .90
Melting Point/Freezing Point:	No information available
Initial Boiling Point & Boiling Range:	140°F
Flash Point:	18 °C/65 °F
Evaporation Rate:	
Flammability (solid, gas):	
Upper Flammability Limit	Not applicable
Lower Flammability Limit	Not applicable
Vapor Pressure:	No information available
Vapor Density:	No information available
Water Solubility:	Complete
Auto-Ignition Temperature:	No information available
Decomposition Temperature:	No information available
Viscosity:	9000 to 15,000 cP @ 25°C
Other information:	
Density lbs/gal	7.255
VOC Content (%)	74.2

SECTION 10 – STABILITY & REACTIVITY

Reactivity:	No data available
Chemical Stability:	Stable under recommended storage conditions.
Possibility of Hazardous Reactions:	None under normal processing.
Conditions to Avoid:	Extremes of temperature and direct sunlight.
Incompatible materials:	None known based on information supplied.
Hazardous Decomposition Products:	None known based on information supplied.

SECTION 11 – TOXICOLOGICAL INFORMATION

Likely Exposure Routes:

Inhalation:	Avoid breathing vapors or mists
Skin Contact:	None known. Repeated exposure may cause skin dryness or cracking.
Eye Contact:	Avoid contact with eyes.
Ingestions:	Do not taste or swallow. .
Toxicological Effects	No information available

Chemical Name (CAS No.)	Oral LD_{50}	Dermal LD_{50}	Inhalation LC_{50}
Ethanol (64-17-5)	= 7060 mg/kg (Rat)	Yes	= 124.7 mg/L (Rat) 4 h
Water (7732-18-5)	> 90 mL/kg (Rat)	Yes	Yes
2-Phenoxyethanol (122-99-6)	= 1260 mg/kg (Rat)	= 5 mL/kg (Rabbit)	Yes
2-Amino-2-Methyl-1-Propanol (124-68-5)	= 2900 mg/kg (Rat)	> 2000 mg/kg (Rabbit)	Yes

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Sensitization No Information available.

Germ cell mutagenicity No Information available.

Carcinogenicity The table below indicates whether each agency has listed any ingredient as a carcinogen. Ethanol has been shown to be carcinogenic in long-term studies only when consumed as alcoholic beverage.

Chemical Name (CAS No.)	ACGIH	IARC	NTP	OSHA
Ethanol (64-17-5)	A3	Group 1	Known	X

ACGIH (American Conference of Governmental Industrial Hygienists)
A3 - Animal Carcinogen
IARC (International Agency for Research on Cancer)
Group 1 - Carcinogenic to Humans
NTP (National Toxicology Program)
Known - Known Carcinogen
OSHA (Occupational Safety and Health Administration of the US Department of Labor)
X - Present

Reproductive Toxicity No Information available.

STOT - Single Exposure: No Information available.

STOT - Repeated Exposure: No Information available.

Chronic Toxicity: Ethanol has been shown to be a reproductive toxin only when consumed as an alcoholic beverage. Ethanol has been shown to be carcinogenic in long-term studies only when consumed as alcoholic beverage. May cause adverse effects on the bone marrow and blood-forming system. May cause adverse liver effects. Contains a known or suspected reproductive toxin.

Target Organ Effects: Blood, Central nervous system, EYES, Liver, Reproductive System, Respiratory system, Skin.

Aspiration Hazard: No Information available.

Numerical Measures of Toxicity – Product Information

Unknown Acute Toxicity: 0.91% of the mixture consists of ingredient(s) of unknown toxicity

The following values are calculated based on chapter 3.1 of the GHS document.

SECTION 12 – ECOLOGICAL INFORMATION

Ecotoxicity: 0.91% of the mixture consists of components(s) of unknown hazards to the aquatic environment

Persistence and Degradability: No Information available.

Bioaccumulation: No Information available.

Chemical Name	Algae/aquatic plant	Fish	Crustacea
Ethanol 64-17-5	Yes	12.0 - 16.0: 96 h Oncorhynchus mykiss mL/L LC50 static 100: 96 h Pimephales promelas mg/L LC50 static 13400 - 15100: 96 h Pimephales promelas mg/L LC50 flow-through	9268 - 14221: 48 h Daphnia magna mg/L LC50 2: 48 h Daphnia magna mg/L EC50 Static 10800: 24 h Daphnia magna mg/L EC50

Chemical Name	Algae/aquatic plant	Fish	Crustacea
2-Phenoxyethanol 122-99-6	500: 72 h Desmodesmus subspicatus mg/L EC50	337 - 352: 96 h Pimephales promelas mg/L LC50 flow-through 366: 96 h Pimephales promelas mg/L LC50 static 220 - 460: 96 h Leuciscus idus mg/L LC50 static	500: 48 h Daphnia magna mg/L EC50
2-Amino-2-Methyl-1-Propanol 124-68-5	520: 72 h Desmodesmus subspicatus mg/L EC50	190: 96 h Lepomis macrochirus mg/L LC50 static	193: 48 h Daphnia magna mg/L EC50

Persistence and Degradability No Information available.

Bioaccumulation No Information available.

Chemical Name (CAS No.)	Partition Coefficient
Ethanol (64-17-5)	-0.32
2-Phenoxyethanol (122-99-6)	1.13

Other Adverse Effects: No Information available.

SECTION 13 – DISPOSAL CONSIDERATIONS

Dispose of contents/container in accordance with applicable local, regional, national, and/or international regulations.

Contaminated packaging: Do not reuse container

This product contains one or more substances that are listed with the State of California as a hazardous waste.

Chemical Name	California Hazardous Waste Status
Ethanol 64-17-5	Toxic Ignitable

SECTION 14 – TRANSPORT INFORMATION

The basic description below is specific to the container size. This information is provided for at a glance DOT information. Please refer to the container and/or shipping papers for the appropriate shipping description before tendering this material for shipment. For additional information, please contact the supplier listed in section 1 of this SDS.

DOT

UN/ID No. UN 1993

Proper shipping name Flammable liquids, n.o.s.

Hazard Class 3

Packing Group II

SECTION 15 – REGULATORY INFORMATION

TSCA Status: United States Toxic Substances Control Act Section 8(b) Inventory Complies

DSL/NDSL: Canadian Domestic Substances List/Non-Domestic Substances List Complies

US Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

SARA 311/312 Hazard Categories

Acute health hazard	No
Chronic Health Hazard	No
Fire hazard	No
Sudden release of pressure hazard Reactive Hazard	No

CWA (Clean Water Act)

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

US State Regulations

California Proposition 65

This product contains the following Proposition 65 chemicals

Chemical Name	California Proposition 65
Ethanol 64-17-5	Carcinogen Developmental

US State Right-to-Know Regulations

Chemical Name	New Jersey	Massachusetts	Pennsylvania
Ethanol 64-17-5	X	X	X
2-Phenoxyethanol 122-99-6	X	Yes	X
2-Amino-2-Methyl-1-Propanol 124-68-5	X	X	X

U.S. EPA Label Information

EPA Pesticide Registration Number: Not Applicable

SECTION 16 – OTHER INFORMATION

NFPA	Health Hazards 2	Flammability 3	Instability 0	Physical and Chemical Properties Yes
HMIS	Health Hazards 2*	Flammability 3	Instability 0	Personal Protection A

The information contained in this document is correct to the best of our knowledge and is based on current information at the date of its publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release. Crosstex makes no guarantees or warranty to the validity, accuracy, or currency and shall not be liable or responsible in any way for use of either this information or the materials described.