

**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**

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

**SECTION 5 – FIRE FIGHTING MEASURES**

<b>Suitable Extinguishing Media:</b>	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
<b>Unsuitable Extinguishing Media:</b>	Caution: Use of water spray when fighting fire may be inefficient.
<b>Specific Hazards Arising from the Chemical:</b>	No information available.
<b>Explosion Data:</b>	Sensitivity to Mechanical Impact      None. Sensitivity to Static Discharge      None.
<b>Protective Equipment/Precautions for Fire-Fighters:</b>	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**

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

**SECTION 7 – HANDLING & STORAGE**

<b>Precautions for Safe Handling:</b>	Handle in accordance with good industrial hygiene and safety practice.
<b>Conditions for Safe Storage:</b>	Keep containers tightly closed in a dry, cool and well-ventilated place.
<b>Incompatible Materials:</b>	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 <sup>3</sup> (vacated) TWA: 1000 ppm (vacated) TWA: 1900 mg/m <sup>3</sup>	IDLH: 3300 ppm TWA: 1000 ppm TWA: 1900 mg/m <sup>3</sup>

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**

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

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**SECTION 9 – PHYSICAL & CHEMICAL PROPERTIES**

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

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**SECTION 10 – STABILITY & REACTIVITY**

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

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**SECTION 11 – TOXICOLOGICAL INFORMATION**

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**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 <sub>50</sub>	Dermal LD <sub>50</sub>	Inhalation LC <sub>50</sub>
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

<b>UN/ID No.</b>	UN 1993
<b>Proper shipping name</b>	Flammable liquids, n.o.s.
<b>Hazard Class</b>	3
<b>Packing Group</b>	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**

<b>Acute health hazard</b>	No
<b>Chronic Health Hazard</b>	No
<b>Fire hazard</b>	No
<b>Sudden release of pressure hazard</b>	No
<b>Reactive Hazard</b>	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

<b>Chemical Name</b>	<b>California Proposition 65</b>
Ethanol 64-17-5	Carcinogen Developmental

**US State Right-to-Know Regulations**

<b>Chemical Name</b>	<b>New Jersey</b>	<b>Massachusetts</b>	<b>Pennsylvania</b>
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**

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

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