



Eco Sanitizer – Ethanol Sanitizer 70%

Date of Preparation: November 12, 2020

SAFETY DATA SHEET

NPN: 80100135

Section 1: IDENTIFICATION

Product Name: Eco Sanitizer – Ethanol Sanitizer 70%

Synonyms: Not available.

Product Use: Hand Cleansing

Restrictions on Use: Follow directions on product label. While this material is not considered hazardous, this SDS contains valuable information to the safe handling and proper use of the product for industrial workplace conditions as well as unusual and unintentional exposures such as large spills

Manufacturer/Supplier: Eco Sanitizer
7664 Winston Street, Burnaby B.C. V5A 2H4

Phone Number: 1-604-339-0965

Emergency Phone: 1-604-339-0965
CANUTEC: 1-888-CAN-UTEC (226-8832), 613-996-6666

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Section 2: HAZARD(S) IDENTIFICATION

GHS INFORMATION

Classification: Flammable Liquids, Category 3
Eye Irritation, Category 2A

LABEL ELEMENTS Hazard Pictogram(s):



Signal Word: Warning

Hazard Statements: Highly flammable liquid and vapor Causes serious eye irritation.

Precautionary Statements:

Prevention: Keep out of reach from children. Read label before use.
Keep away from heat, hot surfaces, sparks, open flames, and other ignition sources. No smoking
Keep container tightly closed
Ground/bond container and receiving equipment
Use explosion-proof electrical/ventilating/lighting/equipment
Use only non-sparking tools



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Take precautionary measures against static discharge

Wear eye protection/face protection when exposed to high volume

Response: **If in eyes:** rinse thoroughly with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical attention.

In case of fire: use dry sand, dry chemical, or alcohol-resistant foam to extinguish

Storage: Store in a well-ventilated place. Keep cool.

Disposal: Dispose of contents/container to an approved waste disposal plant

Hazards Not Otherwise Classified: Not applicable.

Ingredients with Unknown Toxicity: None.

This material is considered hazardous by the OSHA Hazard Communication Standard, (29 CFR 1910.1200). This material is considered hazardous by the Hazardous Products Regulations.

Section 3: COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous Ingredient(s)	Common name / Synonyms	CAS No.	% vol./vol.
Ethyl Alcohol	Not available.	64-17-5	70

Additional ingredients: Water, Glycerin, Hydrogen Peroxide, Hydroxypropylcellulose

To the best of our knowledge there are no additional ingredients present in this product which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

Section 4: FIRST-AID MEASURES

Inhalation: If inhaled: Move to fresh air. If breathing is affected contact a physician.

Eye Contact: If in eyes: Flush eyes with cool water immediately for at least 15 minutes. If easy to do, remove contact lens, if worn. Get medical attention if irritation develops or persists.

Skin Contact: Rinse thoroughly with plenty of water. Get medical attention if irritation or rash develops or persists.



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Ingestion: If swallowed: Rinse mouth with water immediately. Do not induce vomiting. Get medical attention immediately if symptoms occur.

Most important symptoms/effects, acute and delayed:

In case of accident or if you feel unwell, or symptoms persist seek medical advice immediately. Causes serious eye irritation

General Advice: In case of accident or if you feel unwell, seek medical advice immediately (show label or SDS where possible).

Note to Physicians: Treat symptomatically

Protection of first-aiders: Pay attention to self-protection and use the recommended protective clothing

Section 5: FIRE-FIGHTING MEASURES

Suitable extinguishing media:

Water, alcohol-resistant foam, dry chemical, carbon dioxide

Unsuitable extinguishing media:

High volume water jet

Specific hazard during firefighting:

Do not use a solid water stream as it may scatter and spread fire
Flash back possible over considerable distance. May form explosive mixtures in air.

Specific extinguishing methods:

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Use water spray to cool unopened containers.

Hazardous Combustion Products:

Carbon dioxides

Protective Equipment and precaution for Firefighters:

Wear full protective clothing and self-container breathing apparatus pressure demand, MSHA/NIOSH approved and full protective gear



Section 6: ACCIDENTAL RELEASE MEASURES

Personal precautions: Wear appropriate personal protective equipment.
Ensure adequate ventilation
Remove all sources of ignition
Evacuate personnel to safe areas
Keep people away from and upwind of spill/leak.
Material can create slippery conditions

Advice for emergency responders:

Use personal protective equipment as required

Environmental Precautions: Avoid entry into lakes, streams, ponds or public waterways
Prevent further leakage or spillage if safe to do so
Retain and dispose of contaminated wash water
Local authorities should be advised if significant spillage cannot be contained

Methods for Containment: Material may be slippery if spilled. Prevent spill from entering a waterway. Prevent further leakage or spillage if safe to do so.
Non-sparking tools should be used
Suppressed (knock down) gases/vapours/mists with a water spray jet

Methods for Clean-Up: Soak up with inert absorbent. Keep in suitable closed for disposal. Dispose of in accordance with local regulations

Section 7: HANDLING AND STORAGE

Safe Handling: Wear personal protective equipment as required. Use as directed on product label. Keep container closed and away from heat. Use with local exhaust ventilation. Avoid contact with eyes. Do not return spills to original container for reuse

Safe Storage: Prevent the buildup of electrostatic charge. Keep out of reach of children and pets. Keep in properly labelled containers. Store in original container in a dry, cool and well-ventilated area. Store in accordance with the particular national regulations

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Incompatible products: None known

Section 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Components	Cas-#	Value-type (form of exposure)	Control parameters/Permissible concentration	Basis
Ethyl Alcohol	64-17-5	TWA	1000 ppm; 1880 mg/cm ³	CA AB OEL
		STEL	1000 ppm	CA BC OEL
		TWAEV	1000 ppm; 1880 mg/cm ³	CA QC OEL
		STEL	1000 ppm	ACGIH

PEL: Permissible Exposure Limit

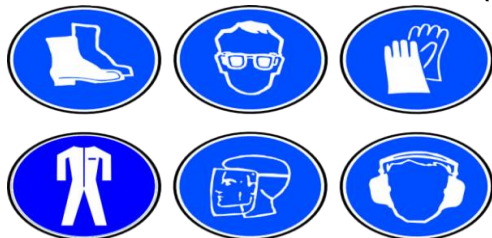
TLV: Threshold Limit Value

TWA: Time-Weighted Average

Engineering Controls: Ensure adequate ventilation

Exposure limits: None known

PERSONAL PROTECTIVE EQUIPMENT (PPE)



Eye Protection:

No special protective equipment required for household setting. Wear face-shield and protective suit for abnormal processing problems

Respiratory Protection:

Wear protective gloves when handling large amounts of product. Consult manufacturer specifications for further information.



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Skin Protection:

No special measures necessary provided product is used as directed.

Protective Measures:

Choose appropriate body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place. Ensure that eye flushing systems and safety showers are located close to the working place

Hygiene Measures:

Handle in accordance with good industrial hygiene and safety practice. Avoid contact with eyes.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Physical State at 20°C	Hazy viscous gel
Appearance	Gel
Odor	None
Odor threshold	Not available
pH	6-9
Melting point	Not available
Freezing point	Not available
Initial boiling point and boiling range	Not available
Flash point	21.5 °C
Evaporation rate	Not available
Flammability (solid, gas)	Not applicable
Flammability limits in air	Not available



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Upper flammability limit	Not available
Lower flammability limit	Not available
Vapor pressure (mmHg)	Not available
Vapor density (air=1)	Not available
Specific gravity	0.884 g/mL
Relative density	Not available
Solubility in water	Soluble
Partition coefficient: n-octanol/water	Not applicable
Autoignition temperature	Not available
Decomposition temperature	Not classified self-reactive
Viscosity	1000-30000 cPs 20 °C
Explosive properties	Not explosive
Oxidizing properties	The substance or mixtures is not classified as oxidizing



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Section 10: STABILITY AND REACTIVITY

Reactivity	None under normal use conditions
Chemical stability	Stable under normal conditions of use and storage
Hazardous reactions	Vapours may form explosive mixture with air
Conditions to avoid	Heat, flames and sparks
Incompatible materials	Strong oxidizing agents Flammable solids Self-reactive substances and mixtures Water-reactive substances
Hazardous decomposition products	None known



Section 11: TOXICOLOGICAL INFORMATION

Potential routes of exposure:	
Inhalation	Stable under normal conditions of use and storage
Skin contact	No skin irritation
Ingestion	No known effect
Eye contact	Causes serious eye irritation
Delayed, immediate or chronic effects from short and long-term exposure:	
Acute toxicity	Not classified based on available information
Skin corrosion/irritation	Not classified based on available information
Serious eye damage/eye irritation	Causes serious eye irritation
Skin sensitization	Not classified based on available information
Respiratory sensitization	Not classified based on available information
Germ cell mutagenicity	Not classified based on ingredients
Neurological effects	No known effect
Reproductive toxicity	Not classified based on available information
Developmental toxicity	No known effect
Teratogenicity	No known effect
STOT-single exposure	Not classified based on available information
STOT-repeated exposure	Not classified based on available information



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Target organ effects	No known effect
Aspiration hazard	Not classified based on available information
Carcinogenicity	Not classified based on available information

Components information:

Chemical names	CAS#	LD ₅₀ Oral	LD ₅₀ Dermal	LC50 Inhalation
Ethyl Alcohol	64-17-5	>5000 mg/kg (Rat)	-	124.7 mg/L (Rat), 4h, vapour



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Section 12: ECOLOGICAL INFORMATION

This product is not expected to be hazardous to the environment	
Ecotoxicity	<p>Toxicity to fish: LC50 (Pimephales promelas (fathead minnow)): >1000mg/L, 96h</p> <p>Toxicity to daphnia and other aquatic invertebrates: EC50 (Daphnia magna(water flea)): >1000mg/L; 48h</p> <p>Toxicity to algae: EC50 (Chlorella vulgaris (Fresh water algae)): 275mg/L; 72h, OECD Test Guideline 201</p> <p>Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity): NOEC (Daphnia magna (Water flea)): 9.6 mg/L ;9 d</p> <p>Toxicity to bacteria: EC50 (Photobacterium phosphoreum); 32.1 mg/L; 0.25 h</p>
Persistence and degradability	Readily biodegradable; 84%, 20d
Bioaccumulative potential	<p>Ethyl alcohol</p> <p>Partition coefficient: n-octanol/water: log POW: -0.35</p>
Mobility in soil	No information available
Other adverse effects, environmental fate	No information available



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Section 13: DISPOSAL CONSIDERATIONS

Water from unused products	Disposal must be in compliance with applicable local, state, provincial and federal laws and regulations. Do not contaminate storm water run-off areas.
Contaminated packaging	Disposal should be in accordance with applicable regional, national and local laws and regulations

Section 14: TRANSPORT INFORMATION

IMDG	
UN number	1987
Proper shipping name	ALCOHOLS, N.O.S. (ethanol, Propan-2-ol)
Class	3
Packing group	III
Labels	3
EmS Code	F-E, S-D
Marine Pollutant	No
IATA	
UN Number	1987
Proper shipping name	Alcohols, n.o.s. (Ethanol, Propan-2-ol)
Class	3
Packing group	III
Packing instructions (cargo aircraft)	336
Packing instruction (passenger aircraft)	355



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Canadian TDG	
UN number	1987
Proper shipping name	ALCOHOLS, N.O.S. (Ethanol, Propan-2-ol)
Class	3
Packing Group	III
Labels	3
ERG code	127
Marine pollutant	No



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Section 15: REGULATORY INFORMATION

Toxic Substances control Act (TSCA)	On Toxic Substances Control Act Inventory
Domestic Substances List (DSL)	On the inventory, or in compliance with the inventory
AICS	On the inventory, or in compliance with the inventory
ENCS	On the inventory, or in compliance with the inventory
ISHL	On the inventory, or in compliance with the inventory
HECI	On the inventory, or in compliance with the inventory
PICCS	On the inventory, or in compliance with the inventory
IECSC	On the inventory, or in compliance with the inventory
NZIoC	On the inventory, or in compliance with the inventory



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Section 16: OTHER INFORMATION

AICS – Australian Inventory of Chemical Substances; DSL- Domestic Substances List (Canada); EmS –Emergency Schedule; ENCS (Existing and New Chemical Substances (Japan); ErCx – Concentration associated with x% growth rate response; ERG – Emergency Response Guide; IATA – International Air Transport Association; IECSC – Inventory of Existing Chemical Substances in China; IMDG – International Maritime Dangerous Goods; LC50- Lethal concentration to 50% of a test population; LD50 – Lethal Dose to 50% of a test population (Median Lethal Dose); n.o.s. – Not Otherwise Specified; NZIoC – New Zealand Inventory of Chemicals; OECD Organization for Economic Co-operation and Development; SDS – Safety Data Sheet; TDG – Transportation of Dangerous Goods; TSCA – Toxic Substances Control Act (United States); UN – United Nations

Disclaimer: This product is intended for consumer use and should be used as directed on the product label for the intended purpose. To the best of our knowledge, the information provided in this Safety Data Sheet is correct as of the date of its publication. The information given serves as guidance for safe handling, use, processing, storage, transportation, disposal, and release and is not considered as quality specification. The information relates to specific product and may not be valid when used in combination with any other materials or in process, unless specified. We do not assume any liability for the accuracy or completeness of the information contained herein. Final determination of the suitability of any product is full responsibility of the user. All products may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

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