

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product name	SANIT HAND SANITIZER
Item#	59385
Other means of identification	not applicable
Recommended use	Hand Sanitizer
Restrictions on use	Reserved for industrial and professional use.

Product dilution information	Product is sold ready to use.
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Company	Unified Solutions for Cleaning 3 Evans Terminal Rd Hillside, NJ USA 07205 973-412-3300
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Issuing date	03/24/2020 Revision 06/01/2020
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SECTION 2. HAZARDS IDENTIFICATION

GHS Classification

Flammable liquids	Category 3
Eye irritation	Category 2A

GHS Label element

Hazard pictograms



Signal Word	Warning
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Hazard Statements	Flammable liquid and vapor. Causes serious eye irritation.
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Precautionary Statements

Prevention:

Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
Keep container tightly closed.

Response:

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/ attention. In case of fire: Use dry sand, dry chemical or alcohol-resistant foam for extinction.

Storage:

Store in a well-ventilated place. Keep cool.

Disposal:

Dispose of contents/ container to an approved waste disposal plant.

Other hazards

None known.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Pure substance/mixture Mixture

Chemical Name	CAS-No.	Concentration(%)
ethanol	64-17-5	70 - 80
isopropyl alcohol	67-63-0	1 - 4

SECTION 4. FIRST AID MEASURES

In case of eye contact	Rinse with water.
In case of skin contact	Rinse with water.
If swallowed	Rinse mouth. Get medical attention if symptoms occur.
If inhaled	Get medical attention if symptoms occur.
Protection of first-aiders	No special precautions are necessary for first aid responders.
Notes to physician	Treat symptomatically.

See toxicological information (Section 11)

SECTION 5. FIRE-FIGHTING MEASURES

Suitable extinguishing media	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Unsuitable extinguishing media	High volume water jet
Specific hazards during fire fighting	Fire Hazard Keep away from heat and sources of ignition. Flash back possible over considerable distance. Beware of vapors accumulating to form explosive concentrations. Vapors can accumulate in low areas.
Hazardous combustion products	Carbon oxides
Special protective equipment for fire-fighters	Use personal protective equipment.
Specific extinguishing methods	Use water spray to cool unopened containers. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations. In the event of fire and/or explosion do not breathe fumes.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures	Remove all sources of ignition. Ensure clean-up is conducted by trained personnel only. Refer to protective measures listed in sections 7 and 8.
Environmental precautions	Do not allow contact with soil, surface or ground water.
Methods and materials for containment and cleaning up	Eliminate all ignition sources if safe to do so. Stop leak if safe to do so. Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local/ national regulations (see

SECTION 7. HANDLING AND STORAGE

Advice on safe handling	Take necessary action to avoid static electricity discharge (which might cause ignition of organic vapors). Keep away from fire, sparks and heated surfaces.
Conditions for safe storage	Keep away from heat and sources of ignition. Keep in a cool, well-ventilated place. Keep away from oxidizing agents. Keep out of reach of children. Keep container tightly closed. Store in suitable labeled containers.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Ingredients with workplace control parameters

Ingredients	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
Ethanol	64-17-5	TWA	1,000 ppm 1,900 mg/m ³	NIOSH REL
		TWA	1,000 ppm 1,900 mg/m ³	OSHA Z-1
		STEL	1,000 ppm	ACGIH
Isopropyl alcohol	67-63-0	TWA	200 ppm	ACGIH
		STEL	400 ppm	ACGIH
		TWA	400 ppm 980 mg/m ³	NIOSH REL
		ST	500 ppm 1,225 mg/m ³	NIOSH REL
		TWA	400 ppm 980 mg/m ³	OSHA Z-1

Engineering measures	Good general ventilation should be sufficient to control worker exposure to airborne contaminants.
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Personal protective equipment

Eye protection	No special protective equipment required.
Hand protection	No special protective equipment required.
Skin protection	No special protective equipment required.
Respiratory protection	No personal respiratory protective equipment normally required.
Hygiene measures	No specific measures identified.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	gel
Color	opaque, white
Odor	alcoholic
PH	6.3 - 8.5, 100 %
Flash point	27°C closed cup
Odor Threshold	no data available
Melting point/freezing point	no data available
Initial boiling point and boiling range	no data available
Evaporation rate	no data available
Flammability (solid, gas)	no data available
Upper explosion limit	no data available
Lower explosion limit	no data available
Vapor pressure	no data available
Relative vapor density	no data available
Relative density	0.869 - 0.873
Water solubility	no data available
Solubility in other solvents	no data available
Partition coefficient: n-octanol/water	no data available
Autoignition temperature	no data available
Thermal decomposition	no data available
Viscosity, kinematic	no data available
Explosive properties	no data available
Oxidizing properties	no data available
Molecular weight	no data available
voe	no data available

SECTION 10. STABILITY AND REACTIVITY

Chemical stability	Stable under normal conditions.
Possibility of hazardous reactions	No dangerous reaction known under conditions of normal use.
Conditions to avoid	Heat, flames and sparks.
Incompatible materials	None known.
Hazardous decomposition products	Carbon oxides

SECTION 11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure : Inhalation, Eye contact, Skin contact

Potential Health Effects

Eyes	Causes serious eye irritation.
Skin	Health injuries are not known or expected under normal use.
Ingestion	Health injuries are not known or expected under normal use.
Inhalation	Health injuries are not known or expected under normal use.
Chronic Exposure	Health injuries are not known or expected under normal use.

Experience with human exposure

Eye contact	Redness , Pain, Irritation
Skin contact	No symptoms known or expected.
Ingestion	No symptoms known or expected.
Inhalation	No symptoms known or expected.

Toxicity

Acute oral toxicity	Acute toxicity estimate : > 5,000 mg/kg
Acute inhalation toxicity	no data available
Acute dermal toxicity	no data available
Skin corrosion/irritation	no data available
Serious eye damage/eye irritation	no data available
Respiratory or skin sensitization	no data available
Carcinogenicity	
IARC	No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.
OSHA	No ingredient of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

NTP No ingredient of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

Reproductive effects	no data available
Germ cell mutagenicity	no data available
Teratogenicity	no data available
STOT-single exposure	The substance or mixture is not classified as specific target organ toxicant, single exposure.
STOT-repeated exposure	no data available
Aspiration toxicity	no data available

Ingredients

Acute dermal toxicity	: ethanol LD50 Rabbit: 15,800 mg/kg
	Isopropyl Alcohol LD50 Rabbit: 12,870 mg/kg

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity

Environmental Effects Harmful to aquatic life.

Product

Toxicity to fish : No data available

Toxicity to daphnia and other : No data available
aquatic invertebrates

Toxicity to algae : No data available

Ingredients

Toxicity to fish : ethanol
96 h LC50 Fish: 11,000 mg/l

Isopropyl Alcohol
96 h LC50 Fish: 9,640 mg/l

Persistence and degradability

No data available

Bioaccumulative potential

No data available

Mobility in soil

No data available

Other adverse effects

No data available

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal methods : The product should not be allowed to enter drains, water courses or the soil. Where possible recycling is preferred to disposal or incineration. If recycling is not practicable, dispose of in compliance with local regulations. Dispose of wastes in an approved waste disposal facility.

Disposal considerations : Dispose of as unused product. Empty containers should be taken to an approved waste handling site for recycling or disposal. Do not re-use empty containers.

RCRA - Resource : D001 (Ignitable)
Conservation and Recovery
Authorization Act Hazardous
waste

SECTION 14. TRANSPORT INFORMATION

The shipper/consignor/sender is responsible to ensure that the packaging, labeling, and markings are in compliance with the selected mode of transport.

Land transport (DOT)

UN number : 1170
Description of the goods : Ethanol
Class : 3
Packing group : III
Environmentally hazardous : no

Sea transport (IMDG/IMO)

UN number : 1170
Description of the goods : Ethanol

Class : 3
Packing group : III
Marine pollutant : no

SECTION 15. REGULATORY INFORMATION**EPCRA- Emergency Planning and Community Right-to-Know****CERCLA Reportable Quantity**

This material does not contain any components with a CERCLA RQ.

SARA 304 Extremely Hazardous Substances Reportable Quantity

This material does not contain any components with a section 304 EHS RQ.

SARA 311/312 Hazards Fire Hazard
Acute Health Hazard

SARA 302 SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III , Section 302.

SARA 313 SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title 111 , Section 313.

California Prop 65

This product does not contain any chemicals known to the State of California to cause cancer, birth, or any other reproductive defects.

The ingredients of this product are reported in the following inventories:

1907/2006 (EU) :
not determined

Switzerland. New notified substances and declared preparations :
not determined

United States TSCA Inventory :
On TSCA Inventory

Canadian Domestic Substances List (DSL) :
This product contains one or several components that are not on the Canadian DSL nor NDSL.

Australia Inventory of Chemical Substances (AICS) :

not determined

New Zealand. Inventory of Chemical Substances :

not determined

Japan. ENCS - Existing and New Chemical Substances Inventory :

not determined

Japan. ISHL - Inventory of Chemical Substances (METI) :

not determined

Korea. Korean Existing Chemicals Inventory (KECI) :

not determined

Philippines Inventory of Chemicals and Chemical Substances (PICCS) :

not determined

China. Inventory of Existing Chemical Substances in China (IECSC) :

not determined

SECTION 16. OTHER INFORMATION

REVISED INFORMATION: Significant changes to regulatory or health information for this revision is indicated by a bar in the left-hand margin of the SDS.

The information provided in this Material Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.