

Safety Data Sheet

DOC ID: 73802-101-01

Tritanium Labs USA LLC

Product: **HAND SANITIZER LIQUID & GEL**Elk Grove Village, IL 60007
(847)-868-4052

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1. Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Trade Name: Hand Sanitizer Liquid & Gel, 70% Extra Strength**Intended use:** Hand Sanitizer

1.3 Details of the Distributor/supplier of the safety data sheet

Manufacturer: Tritanium Labs USA LLC

836 S. Arlington Heights Rd.

Elk Grove Village, IL 60007 (847) 868-4052

1.4 Emergency telephone number

(847) 868-4052

2. Hazards Identification

2.1 Classification of the substance or mixture

This mixture has not been tested as a whole. The effects, listed below, are based on evaluation of individual components in accordance with the provisions of the regulation(s) noted below.

Classification according to GHS Regulation (EC) No 1272/2008

Flammable Liquids	Category 3
Eye Irritation	category 2B

Classification EU (67/548/EEC, 199/45/EC)

Xi - Irritant
R36 - Irritating to eyes
R22 - Harmful if swallowed

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2.2 Label elements



Labeling (REGULATION (EC) No 1272/2008) Hazard pictograms

Signal Word: Caution

Hazard statements

H227	Flammable Liquid
H302	Harmful if swallowed
H319	Causes eye irritation

Precautionary Statements: Response:

P235	Keep cool
P260	Do not breathe dust/fume/gas/mist/vapors/spray
P270	Do not eat, drink or smoke when using this product
P273	Avoid release to the environment
P301 + P312 + P330	IF SWALLOWED: If you feel unwell, Call a POISON CENTER or doctor/physician, Rinse mouth
P305 + P351 + P338	IF IN EYES: Rinse cautiously with water for several minutes Remove contact lenses if present and easy to do, continue rinsing
P314	Get Medical advice/attention if you feel unwell
P333 + P313	If skin irritation or a rash occurs: Get medical advice/attention
P337 + P313	If eye irritation persists: Get medical advice/attention
P370 + P378	In case of fire: Use Carbon dioxide (CO ₂), Dry chemical, or Foam for extinction. Do not use a direct water jet on burning material
P391	Collect Spillage

2.3 Other

Hazards no data available

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3. Composition/Information on Ingredients

3.1 Mixtures

Sanitizer products are complex mixtures of ingredients, which contains among others the following substance(s), presenting a health or environmental hazard within the meaning of the UN Globally Harmonized System of Classification and Labeling of Chemicals (GHS):

CAS#	Conc. %	CAS - NO
Ingredient	Range	
Denatured Ethyl Alcohol	70-75	64-17-5
Propylene Glycol	0-5	57-55-6

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CAS#	EC#	Range	GHS Classification	EU Classification
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4.1 Description of first aid measures

Inhalation:	If you feel unwell, remove from exposure site to fresh air.
Eye Exposure:	Flush with water for at least 15 minutes. Contact physician if symptoms persist.
Ingestion:	If you feel unwell, Rinse mouth with water and obtain medical advice.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms:	If ingested, possible loose stool, abdomen cramps
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Risks:	Refer to Section 2.2 "Hazard Statements"
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4.3 Indication of any immediate medical attention and special treatment needed

Treatment:	Refer to Section 2.2 "Response"
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5. Fire-Fighting measures

5.1 Extinguishing media

Suitable:	Carbon dioxide (CO2), Dry chemical, Foam
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Unsuitable	Do not use a direct high volume water jet on burning material
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5.2 Special hazards arising from the substance or mixture during firefighting:

Carbon oxides

5.3 Advice for Firefighters

Keep cool and away from sources of ignition. Vapors can accumulate in low areas and form explosive concentrations.

Further information:

In the event of fire or explosion, use breathing apparatus

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6.1 Personal precautions, protective equipment and emergency procedures

Avoid concentrated inhalation and contact with broken skin and eyes. A self-contained breathing apparatus is recommended in case of a major spill.

6.2 Environmental precautions

Keep away from drains, soil, and surface and groundwater.

6.3 Methods and materials for containment and cleaning up

Clean up spillage promptly. Remove ignition sources. Provide adequate ventilation. Avoid excessive inhalation of concentrated vapors. Gross spillages should be contained by use of sand or inert powder and disposed of according to the local regulations.

6.4 Reference to other sections

Not Applicable

7. Handling and Storage

7.1 Precautions for safe handling

Apply according to good manufacturing and industrial hygiene practices with proper ventilation. Do not drink, eat or smoke while handling. Respect good personal hygiene.

7.2 Conditions for safe storage, including any incompatibilities

Store in a cool, dry and ventilated area away from heat sources and protected from light in tightly closed original container.

7.3 Specific intended end uses

Personal Hand Sanitizer applied to unbroken skin

8. Exposure Controls / Personal Protection

8.1 Control parameters

Exposure Limits: Contains no substances with occupational exposure limit values

Engineering Controls: Use local exhaust as needed.

8.2 Exposure controls - Personal protective equipment

Eye protection: Tightly sealed goggles, face shield, or safety glasses with brow guards and side shields, etc. as may be appropriate for the exposure

Respiratory protection: Avoid excessive inhalation of concentrated vapors. Apply local ventilation where appropriate

Skin protection: No protective equipment is needed under normal use

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9. Physical and Chemical Properties

9.1 Information on basic physical and chemical properties

Appearance:	Clear, Conforms to Standard
Odor:	Alcoholic, Conforms to Standard
Color:	None, Clear
Viscosity:	Gel, approx. 85,000 cps @77 F, 25C
PH:	6.5 typical
Evaporation Rate:	<1
Melting Point:	Liquid gel
Flashpoint:	70 F
Upper/lower flammability limits%	19; 3.3
Specific Gravity @ 25 C:	.88
Soluble in:	Water

10. Stability and Reactivity

10.1 Reactivity	None
10.2 Chemical stability	Stable
10.3 Possibility of hazardous reactions	None known
10.4 Conditions to avoid	High Heat, Sources of Ignition
10.5 Incompatible materials	Strong oxidizing agents, strong acids, and alkalis
10.6 Hazardous decomposition products	Carbon Oxides

11. Toxicological Information

11.1 Toxicological Effects

Acute Toxicity Estimates (ATEs) based on the individual Ingredient Toxicity Data utilizing the "Additivity Formula"

Skin corrosion / irritation	No symptoms known or expected
Serious eye damage / irritation	Causes eye irritation, redness
Respiratory sensitization	No symptoms known or expected
Skin sensitization	No symptoms known or expected
Germ cell mutagenicity	None
Carcinogenicity	No components are classified as carcinogenic
Reproductive toxicity	No symptoms known or expected
Specific target organ toxicity - single exposure	None
Aspiration hazard	

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12. Ecological Information

12.1 Toxicity

Toxicity Data on soil	no data available
Toxicity on other organisms	no data available

12.2 Persistence and degradability no data available

12.3 Bioaccumulative potential no data available

12.4 Mobility in soil no data available

12.5 Other adverse effects no data available

13. Disposal Conditions

13.1 Waste treatment methods

The products ingredients are expected to be safe for the environment at the concentration predicted under normal use and accidental spill scenarios. However, **DO NOT** allow product to reach sewage systems. Dispose of in accordance with all local and national regulations. Send to a licensed waste management company. The product should not be allowed to enter drains, water courses or the soil. Do not contaminate ponds, waterways or ditches with chemical or used container.

RCRA - D001 (Ignitable)

14. Transport Information

Regulator	Class	Pack Group	Sub Risk	UN-nr.
U.S. DOT	Flammable 3	II		1987
Ethanol Solution				1987
IMDG (Vessel)	Flammable 3	II		
Ethanol Solution				
IATA (Air Cargo)	Flammable 3	II		1987
Ethanol Solution				

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15. Regulatory Information

Additional European Regulations:

European Union (EINECS, ELINCS or NLP): 100.00% (by Wt) of the components are listed or exempt.

Additional Asian Regulations:

Australian AICS: 100.00% (by Wt) of the ingredients on AICS or notified.

Chinese IECS: 100.00% (by Wt) of the ingredients on IECS.

Japan ENCS: 99.50% (by Wt) of the ingredients on ENCS, fall within the 1000 kilogram per annum exemption or have been notified.

Korea KECL: 100.00% (by Wt) of the ingredients on KECL, fall within the 100 kilogram per annum exemption or have been notified.

New Zealand NZIoC: 100.00% (by Wt) of the ingredients on NZIoC.

Philippines PICCS: 100.00% (by Wt) of the ingredients on PICCS.

16. Other Information

GHS H-Statements referred to under section 3

Total Fractional Values

(TFV) Risk
(4.57) Eye Irritation, Category 2A

Department issuing data sheet: Regulatory Affairs Group 3/29/20

Remarks

This safety data sheet is based on the properties of the material known at the time the data sheet was issued. The safety data sheet is intended to provide information for a health and safety assessment of the material and the circumstances, under which it is packaged, stored or applied in the workplace. For an individual safety assessment Commonwealth Homes Inc holds no responsibility. This document is not intended for quality assurance purposes.