

Safety Data Sheet

Liquid Performance Ethanol Hand Sanitizer

Signal Word : Warning
Hazard Statements : H226 Flammable liquid and vapor.
H319 Causes serious eye irritation.

Precautionary statements:

Prevention:

P210 Keep away from heat/sparks/open flames/hot surfaces. -No smoking.

P233 Keep container tightly closed.

P241 Use explosion-proof electrical/ ventilating/ lighting/ equipment.

P242 Use only non-sparking tools.

P243 Take precautionary measures against static discharge.

P264 Wash skin thoroughly after handling.

P280 Wear protective gloves/ eye protection/ face protection.

Response:

P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337 + P313 If eye irritation persists: Get medical advice/attention.

Storage:

P403 + P235 Store in a well-ventilated place. Keep cool.

Disposal:

P501 Dispose of contents/ container to an approved wastedisposal plant.

2.3 Other hazards which do not result in classification

None.

SECTION 3: Composition/information on ingredients

3.2 Mixture

1. Ethanol CAS no. 64-17-5	84%
2. Glycerin CAS no. 56-81-5	4.0%
3. Hydrogen peroxide CAS no. 7722-84-1	0.125%
4. Distilled water CAS no. 7732-18-5	11.61%

SECTION 4: First-aid measures

4.1 Description of necessary first-aid measures

General advice	Not dangerous under normal use
If inhaled	remove to fresh air
In case of skin contact	Wash with water

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Eye Protection

Thermal hazards

None

SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties

Appearance/form	Clear liquid
Odor	Mild chemical
Odor threshold	High
pH	NA
Melting point/freezing point	Not established
Initial boiling point and boiling range	Not established
Flash point	23 C
Evaporation rate	Greater than water
Flammability (solid, gas)	Liquid
Upper/lower flammability limits	Not established
Upper/lower explosive limits	Not established
Vapor pressure	Greater than water
Vapor density	Less than air
Relative density	.8 g/cc
Solubility(ies)	Water soluble in all proportions
Partition coefficient: n-octanol/water	Not established
Auto-ignition temperature	Not established
Decomposition temperature	Not established
Viscosity	0.8 SI units same as water
Explosive properties	None
Oxidizing properties	None

SECTION 10: Stability and reactivity

10.1 Reactivity

Unreactive under normal conditions

10.2 Chemical stability

Stable

10.3 Possibility of hazardous reactions

Unlikely except with strong oxidizers

10.4 Conditions to avoid

Do not expose to spark or flame

10.5 Incompatible materials

Strong oxidizers

10.6 Hazardous decomposition products

Oxides of carbon

SECTION 11: Toxicological information

Information on toxicological effects

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Acute toxicity

None

Skin corrosion/irritation

Very mild irritant

Serious eye damage/irritation

Irritant

Respiratory or skin sensitization

can cause mild skin irritation with prolonged exposure

SECTION 12: Ecological information

Toxicity

Not established but expected to be low

Persistence and degradability

100% biodegradable

Bio accumulative potential

None

Mobility in soil

Not established

Results of PBT and vPvB assessment

Does not bio-accumulate

SECTION 13: Disposal considerations

Disposal of the product

Dispose in accordance with local, state and federal guidelines

Disposal of contaminated packaging

Not a hazardous waste

Waste treatment

Absorb onto sawdust or vermiculite if spilled. Dispose of in accordance with local, state and federal guidelines

Sewage disposal

Non-hazardous and biodegradable. Low organic loading.

Other disposal recommendations

Dispose of in accordance with local, state and federal guidelines

SECTION 14: Transport information

Domestic regulation

49 CFR

UN/ID/NA number : UN 1987
Proper shipping name : ALCOHOLS, N.O.S.

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Class : 3
Packing group : III
Labels : FLAMMABLE LIQUID
ERG Code : 127

International Regulation

UNRTDG

UN number : UN 1987
Proper shipping name : ALCOHOLS, N.O.S.
(Ethanol, Propan-2-ol)
Class : 3
Packing group : III
Labels : 3

IATA-DGR

UN/ID No. : UN 1987
Proper shipping name : Alcohols, n.o.s.
(Ethanol, Propan-2-ol)
Class : 3
Packing group : III
Labels : Flammable Liquids
Packing instruction (cargo aircraft) : 366
Packing instruction (passenger aircraft) : 355

IMDG-Code

UN number : UN 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

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code
Not applicable for product as supplied.

Domestic regulation

49 CFR

UN/ID/NA number : UN 1987
Proper shipping name : ALCOHOLS, N.O.S.
Class : 3
Packing group : III
Labels : FLAMMABLE LIQUID
ERG Code : 127

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations specific for the product in question

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SARA 302

Not listed

SARA 313

Not listed

SARA 311/312

Fire Hazard

TCSA INVENTORY

Exempt

Cal. Proposition 65 components

Not listed

HMIS Rating

Health	1
Flammability	3
Physical hazard	0
Personal protection	D

NFPA Rating

Health hazard	1
Fire hazard	3
Reactivity hazard	0
Special hazard	
