

Safety Data Sheet

Sanihealth 72% Hand Sanitizer

SECTION 1: Product and Manufacturer Identification

Product Name: Sanihealth 72% Hand Sanitizer
NPN number: 80134214
Recommendation Use: Hand Sanitizer Gel
Manufacturer Name: Sanihealth Labs Inc
Address: 75 Hempstead Dr Unit 2 Hamilton, ON L8W 2Y6
Telephone Number: 905-540-4315
Emergency Telephone Number: 416-843-6177

SECTION 2: Hazard(s) Identification

No specific danger reveals when used as directed.

This is a natural health product that is safe for consumers and other users under normal and reasonably foreseeable use.

While this material is not considered hazardous, this SDS contains valuable information critical to the safe handling and proper use of the product for industrial workplace conditions as well as unusual and unintended exposures such as large spills.

Ingredients used in Cosmetic/ Personal Care Products are Generally Recognized as Safe (GRAS) by U.S. Food and Drug Administration (FDA).

Hazard Class and Categories	Pictogram	Signal Word	Hazard Statement Code	Description of Hazard Statement
Flammable Category 3		Warning	H226	Flammable liquid and vapor
Eye irritation Category 2B		Warning	H320	May cause eye irritation

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.

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SECTION 3: Composition/information on ingredients

Ingredient	CAS#	% Range
Ethyl alcohol	64-17-5	65-75%
Water	7732-18-5	25-28%
Carbomer	9003-01-4	<2%
Glycerin	56-81-5	<2%
Tocopherol acetate	7695-91-2	<2%
Jojoba floresters	85186-93-2	<2%
Aminomethyl propanol	124-68-5	<2%

SECTION 4: First-aid Measures

- General advice: In the case of accident or if you feel unwell, seek medical advice immediately. When symptoms persist or in all cases of doubt seek medical advice
 - Inhalation: If inhaled, remove to fresh air. Get medical attention if symptoms occur.
 - Skin: Wash with water and soap as a precaution. Get medical attention if symptoms occur.
 - Eye: In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. If easy to do, remove contact lens, if worn. Get medical attention.
 - Ingestion / Intoxication: If swallowed, DO NOT induce vomiting. Get medical attention if symptoms occur. Rinse mouth thoroughly with water
 - Most important symptoms and effects, both acute and delayed: Causes serious eye irritation
- ☐Protection of first aiders: No special precautions are necessary for first aid responders.

SECTION 5: Fire-fighting Measures

- Flash Point – 21°C
- Explosive Limits – None Known.
- Extinguishing Media – Water spray, Alcohol-resistant foam, Dry chemical, Carbon dioxide (CO2)
- Unsuitable extinguishing media: High volume water jet
- Fire Fighting Instruction – Do not use a solid water stream as it may scatter and spread fire. Flash back possible over considerable distance. Vapors may form explosive mixtures with air. Exposure to combustion products may be a hazard to health.

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- Hazardous combustion products: Carbon oxides
- Specific extinguishing methods: Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Use water spray to cool unopened containers. Remove undamaged containers from fire area if it is safe to do so. Evacuate area.
- Special protective equipment for fire-fighters: In the event of fire, wear self-contained breathing apparatus. Use personal protective equipment.

SECTION 6: Accidental Release Measures:

- Personal precautions, protective equipment and emergency procedures: Remove all sources of ignition. Use personal protective equipment. Follow safe handling advice and personal protective equipment recommendations.
- Environmental Precautions: Discharge into the environment must be avoided.
- Spill / Leak Clean-up – Prevent further leakage or spillage if safe to do so. Prevent spreading over a wide area (e.g. by containment or oil barriers). Retain and dispose of contaminated wash water. Local authorities should be advised if significant spillages cannot be contained.
- Methods and materials for containment and cleaning up: Non-sparking tools should be used. Soak up with inert absorbent material. Suppress (knock down) gases/vapors/mists with a water spray jet. For large spills, provide diking or other appropriate containment to keep material from spreading. If diked material can be pumped, store recovered material in appropriate container. Clean up remaining materials from spill with suitable absorbent. Local or national regulations may apply to releases and disposal of this material, as well as those materials and items employed in the cleanup of releases. You will need to determine which regulations are applicable. Sections 13 and 15 of this SDS provide information regarding certain local or national requirements.

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.
- Storage temperature: 15 °C to 30 °C

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SECTION 8: Exposure Controls & Personal Protection

Ingredients with workplace control parameters

Ingredients	CAS No	Form of Exposure	Permissible Concentration	Basis
Ethanol	64-17-5	TWA	1000 ppm	ACGIH
		TWA	1000 ppm 1900 mg/m3	NIOSH REL
		TWA	1000 ppm 1900 mg/m3	OSHA Z1

- Engineering measures: Minimize workplace exposure concentrations. Use only in an area equipped with explosion proof exhaust ventilation. Use with local exhaust ventilation.
- 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 & Chemical Properties

Characteristics	Description
Appearance	Clear gel
Viscosity @ 25° C	3,000 – 8,000
Specific Gravity @ 25° C	0.885-0.895
Flash point	21°C (closed cup)
Flammability	Flammable
Boiling Point	78o C
Solubility in water	Soluble

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Melting Point	No data available
Vapor pressure	No data available
Upper Explosion Limit	No data available
Lower Explosion Limit	No data available
Evaporation rate	No data available
Auto ignition temperature	No data available
Explosive properties	No data available
Thermal decomposition	No data available
Oxidizing properties	No data available

SECTION 10: Stability and Reactivity

- Possible Hazardous Reactions – None known under conditions of normal use.
- Condition to Avoid – Heat, flames and sparks.
- Hazardous Decomposition Products – Carbon oxides
- Chemical stability: Stable under conditions of normal use.

SECTION 11: Toxicological Information

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

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- 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 inhalation toxicity: ethanol: 4 h LC50 rat:
117 mg/l
- Ingredients ○ Acute dermal toxicity: ethanol: D50 rabbit:
15,800 mg/kg

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SECTION 12: Ecological information

- Ecotoxicity of product:
 - Toxicity to fish: no data available
 - Toxicity to algae: no data available
 - Ecotoxicity of ingredient: ethanol:
 - Toxicity to fish: no data available: 96 h LC50 Fish: 11,000 mg/l
- Persistence and degradability: 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.

SECTION 14: Transport Information

- Land transport :
 - UN number: 1170
 - Description of the goods: Ethanol solutions
 - Class: 3
 - Packing group: III
 - Environmentally hazardous: no
- Sea transport
 - UN number: 1170
 - Description of the goods: Ethanol solutions
 - Class: 3
 - Packing group: III
 - Marine pollutant: no

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SECTION 15: Additional Regulation 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 hazards
- 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 III, Section 313
- The ingredients of this product are reported in the following inventories:
 - 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.

SECTION 16: Other Information

- NFPA
 - Health: 2**
 - Flammability: 3**
 - Instability: 0**
 - Special hazards: none**



- HMIS



0 = not significant; 1= Slight; 2=Moderate; 3=High; 4= Ex