

## SECTION 1. IDENTIFICATION

Product name: STAYKLEAR™ Multi-Care Hand Sanitizer Lotion  
NDC 82140432

Recommended use of the chemical and restrictions on use

Recommended use: Antiseptic rub and hand sanitizer

Restrictions on use: This is a personal care or cosmetic product that is safe for consumers when used following the directions provided on the package. Cosmetics and consumer products, specifically defined by regulations around the world, are exempt from the requirement of an SDS for the consumer. "Consumer Products", as defined by the US Consumer Product Safety Act and which are used as intended (typical consumer duration and frequency), are exempt from the OSHA Hazard Communication Standard (29 CFR 1910.1200). 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.

Manufacturer or supplier's details

Company name of supplier: eHealth Nexus LLC  
Address: 3504 Amelia Grace Drive  
Fuquay Varina, NC 27526

Telephone: 480 720 1860

Emergency telephone: 1-480-720-1860

## SECTION 2. HAZARD(S) IDENTIFICATION

GHS Classification

Flammable liquids: Category 3

Eye irritation: Category 2A

Hazard pictograms:



Single word: Warning

Hazard Statement: Flammable liquid and vapor.  
Causes serious eye irritation.

Product Appearance: Blue translucent to slightly hazy,  
Physical state: Viscous liquid  
Odor: Alcohol, vinegar

**Precautionary Statements - Prevention**

Keep away from heat/sparks/open flames/hot surfaces. - No smoking  
Keep container tightly closed  
Ground/bond container and receiving equipment  
Use explosion-proof electrical/ ventilating/ lighting/ equipment  
Use only non-sparking tools  
Take precautionary measures against static discharge  
Wear protective gloves/protective clothing/eye protection/face protection

**Precautionary Statements - Response**

Take off immediately all contaminated clothing. Rinse skin with water/shower.

**Eyes**

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

**Fire**

In case of fire: Use CO<sub>2</sub>, dry chemical, or foam for extinction

**Inhalation**

IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.  
If experiencing respiratory symptoms: Call a POISON CENTER or doctor/physician

**Precautionary Statements - Storage**

Store in a well-ventilated place. Keep cool

**Precautionary Statements - Disposal**

Dispose of contents/container to an approved waste disposal plant

**Other information**

Prolonged or repeated contact may dry skin and cause irritation

May cause eye irritation

**Interactions with Other Chemicals**

Contains weak acids. pH 3.4 – 3.8 Do not mix with strong base or alkaline materials

## SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance/Mixture: Mixture

Chemical Name	CAS -No	Weight %	Trade Secret
Ethyl Alcohol	64-17-5	>50-<70	
Sodium salicylate	54-21-7	<1	*
Copper gluconate	527-09-3	<0.3	*
Glycerin	56-81-5	>2-<6	*
Propylene glycol	57-55-6	>0.5-<2	*
Water		>25-<45	
All other ingredients each less than 0.8%			

\*The exact percentage of composition has been withheld as a trade secret.

## SECTION 4. FIRST AID MEASURES

First aid measures

**General Advice:** Show this safety data sheet to the doctor in attendance.

**Eye Contact:** Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses, if applicable, and continue flushing. If symptoms persist, call a physician.

**Skin Contact:** Rinse excess with water. In the case of skin irritation or allergic reactions see a physician.

**Inhalation:** Move to fresh air. Get medical attention immediately if symptoms occur. If breathing has stopped, contact emergency medical services immediately and give artificial respiration.

Ingestion: Product is emetic and may induce vomiting. Clean mouth with water and afterwards drink plenty of water. Never give anything by mouth to an unconscious person. Consult a physician if necessary.

Most important symptoms and effects, both acute and delayed

Most Important Symptoms/Effects: Burning sensation. Itching. Rashes. Hives. Coughing and/ or wheezing. May cause breathing difficulties if inhaled.

Indication of any immediate medical attention and special treatment needed

Notes to Physician: Treat symptomatically. Flush eyes with water if contacted. Flush nasal passages if nostrils are irritated.

## SECTION 5. FIRE-FIGHTING MEASURES

Suitable extinguishing media: Water spray  
Alcohol-resistant foam  
Dry chemical  
Carbon dioxide (CO<sub>2</sub>)

Unsuitable extinguishing media: High volume water jet

Specific hazards during fire-fighting: 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.

Hazardous combustion products: Carbon oxides; Copper 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.

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**SECTION 6. ACCIDENTAL RELEASE MEASURES FOR INDUSTRIAL SETTING**Personal precautions, protective equipment and emergency procedures

**Personal Precautions:** Avoid contact with eyes and clothing. Ensure adequate ventilation. Keep people away from and upwind of spill/leak. See section 8 for more information. ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Pay attention to flashback. Take precautionary measures against static discharges. All equipment used when handling the product must be grounded. Do not touch or walk through spilled material.

**Other Information:** Refer to protective measures listed in Sections 7 and 8. Ventilate the area.

**Environmental precautions:**

Refer to protective measures listed in Sections 7 and 8. Prevent further leakage or spillage if safe to do so. Prevent product from entering drains.

Methods and material for containment and cleaning up

**Methods for**

**Containment:** Prevent further leakage or spillage if safe to do so. Do not touch or walk through spilled material. A vapor suppressing foam may be used to reduce vapors. Dike far ahead of spill to collect runoff water. Keep out of drains, sewers, ditches and waterways.

**Methods for Cleaning Up:** Take precautionary measures against static discharges. Dam up.

**SECTION 7. HANDLING AND STORAGE FOR INDUSTRIAL SETTING**Precautions for safe handling

**Handling:** Handle in accordance with good industrial hygiene and safety practice. Avoid contact eyes and clothing. Do not eat, drink or smoke when using this product. Remove and wash contaminated clothing before re-use. Ensure adequate ventilation. In case of insufficient ventilation, wear suitable respiratory equipment.

Conditions for safe storage, including any incompatibilities

**Storage:** Keep containers tightly closed in a dry, cool and well-ventilated place. Store locked up. Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity). Keep in properly labeled containers. Do not store near combustible materials. Keep in an area equipped with sprinklers. Store in accordance with the

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particular national regulations. Store in accordance with local regulations.

Incompatible Products: Strong bases.

## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION FOR INDUSTRIAL SETTING

Ingredients with workplace control parameters

Ingredient	CAS No.	Value type (Form of exposure)	Control parameters/ Permissible conc.	Source
Ethanol	64-17-5	PEL	1900 mg/m3 (1000 ppm)	OSHA
		STEL	1000 ppm	NIOSH
		TWA	1900 mg/m3 (1000 ppm)	ACGIH
Sodium salicylate	54-21-7		No assigned workplace control limits	
Copper gluconate	527-09-3		No assigned workplace exposure limits	
Glycerin	56-81-5	PEL	5 mg/m3	OSHA
		TWA	10 mg/m3 mist	ACGIH
Propylene glycol	57-55-6	TWA	10 mg/m3	OSHA

Engineering measures:

Minimize workplace exposure concentrations.

Use only in an area equipped with explosion proof exhaust ventilation.

Use with local exhaust ventilation.

Eyewash stations.

Personal protective equipment

## Respiratory protection:

General and local exhaust ventilation is recommended to maintain vapor exposures below recommended limits. Where concentrations are above recommended limits or are unknown, appropriate respiratory protection should be worn. Follow OSHA respirator regulations (29 CFR 1910.134) and use NIOSH/MSHA approved respirators. Protection provided by air purifying respirators against exposure to any hazardous

chemical is limited. Use a positive pressure air supplied respirator if there is any potential for uncontrolled release, exposure levels are unknown, or any other circumstance where air purifying respirators may not provide adequate protection.

## Hand protection

Material: Impervious gloves

Material: Flame retardant gloves

Remarks: Choose gloves to protect hands against chemicals depending on the concentration specific to place of work. Breakthrough time is not determined for the product. Change gloves often! For special applications, we recommend clarifying the resistance to chemicals of the aforementioned protective gloves with the glove manufacturer. Wash hands before breaks and at the end of workday.

Eye protection: Wear the following personal protective equipment:  
Safety goggles

Skin and body protection: Select appropriate protective clothing based on chemical resistance data and an assessment of the local exposure potential.

Wear the following personal protective equipment:

Flame retardant antistatic protective clothing.

Skin contact must be avoided by using impervious protective clothing (gloves, aprons, boots, etc).

Hygiene measures: Handle in accordance with good industrial hygiene and safety practice. Ensure that eye flushing systems and safety showers are located close to the working place.

When using, do not eat, drink or smoke.

Wash contaminated clothing before re-use.

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Viscous liquid

Color: Light blue, translucent

Odor: Alcohol, vinegar

Odor Threshold: No information available

No data available

pH: 3.4 – 4.0

Melting point/freezing point: No data available

Initial boiling point and boiling range: 73 C

Flash point: 25 °C

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Evaporation rate:	No data available
Flammability (solid, gas):	Not applicable
Upper explosion limit:	No data available
Lower explosion limit:	No data available
Vapor pressure:	No data available
Relative vapor density:	No data available
Density:	0.9 g/cm <sup>3</sup>
Solubility(ies)	
Water solubility:	soluble
Partition coefficient:	
n-octanol/water:	Not applicable
Auto-ignition temperature:	No data available
Decomposition temperature:	Not classified self-reactive.
Viscosity	
Viscosity, kinematic:	<17,000 mm <sup>2</sup> /s (20 °C)
Explosive properties:	No data available
Oxidizing properties:	No data available, weak acid.

**SECTION 10. STABILITY AND REACTIVITY**

(When handled in accordance with the directions)

Reactivity:	Not classified as a reactivity hazard.
Chemical stability:	Stable under normal conditions.
Possibility of hazardous reactions:	Flammable liquid and vapor. Vapors may form explosive mixture with air. Can react with strong bases.
Conditions to avoid:	Heat, flames and sparks.
Incompatible materials:	Strong oxidizing agents, strong bases
Hazardous decomposition products:	No hazardous decomposition products are known.

**SECTION 11. TOXICOLOGICAL INFORMATION**

There are no data for this product. The information in this section describes the potential hazards of the individual ingredients.

Information on likely routes of exposure

Inhalation:	May cause irritation of respiratory tract
Skin contact:	Prolonged contact may cause redness and irritation.



Ingestion: Ingestion may cause irritation to mucous membranes. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Eye contact: Irritating to eyes. May cause redness, itching, and pain.

Acute toxicity

Not classified based on available information.

## Product:

Acute oral toxicity                      Acute toxicity estimate: > 5,000 mg/kg  
Method: Calculation method

Ingredients (Toxicity of Ingredients):**Ethanol:**

Acute oral toxicity:                      LD50 (Rat): > 5,000 mg/kg

Acute inhalation toxicity:              LC50 (Rat): 124.7 mg/l

Exposure time: 4 h

Test atmosphere: vapor

## Potential Chronic Health Effects:

Mutagenicity:                              No information available

Carcinogenicity:                          Not listed as a carcinogen with IARC, NTP or OSHA

Reproductive effects:                    No information available

Sensitization to material:              Not found to be a sensitizer.

Specific target organ effects: Exposure to IPA (isopropyl) has been found to cause kidney damage in male rats.

## Medical conditions aggravated

by overexposure:                        Overexposure to IPA (isopropyl) has been suggested as a cause of the following effects in laboratory animals: mild, reversible liver effects.

**Sodium Salicylate:**

Acute toxicity:                              LD50 Oral - Mouse - 540 mg/kg

Remarks: (RTECS)

Inhalation: No data available

LD50 Dermal - Rat - male and female - > 2,000 mg/kg

(OECD Test Guideline 402) No data available

Skin corrosion/irritation:              Skin – Rabbit - Result: No skin irritation - 4 h

(OECD Test Guideline 404)

## Serious eye damage/eye irritation:

Eyes – Rabbit:                              Result: Irritating to eyes. - 24 h

(OECD Test Guideline 405)

Respiratory or skin sensitization: No data available – Humans Result: negative

**Germ cell mutagenicity:**

Ames test Salmonella typhimurium Result: negative

In vitro mammalian cell gene mutation test: Chinese hamster ovary cells Result: negative

Rat - male - Bone marrow - Result: negative (ECHA)

**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.

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

OSHA: No component of this product present at levels greater than or equal to 0.1% is on OSHA's list of regulated carcinogens.

Reproductive toxicity: Suspected of damaging the unborn child.

**Copper Gluconate:**

N/A -To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

Acute toxicity: N/A

Skin: N/A

Eye: N/A

Inhalation: N/A

Ingestion: N/A

Carcinogenic effects: N/A

Mutagenic effects: N/A

Reproductive toxicity: N/A

Sensitization: N/A

Target organs: N/A

**Glycerin:**

Acute toxicity: Not classified; LD50 Dermal Rabbit >10 g/kg; LD50 Inhalation Rat >570 mg/m<sup>3</sup>; ATE (Oral) 12600mg/kg

Skin: N/A

Eye: N/A

Inhalation: N/A

Ingestion: N/A

Carcinogenic effects: N/A

Mutagenic effects: N/A

Reproductive toxicity: N/A

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Sensitization: N/A  
Target organs: N/A

**Propylene glycol:**

Acute toxicity: LD50 (Oral): 20 g/kg  
LD50 (Dermal): 20,800 mg/kg  
LD50: N/A

Skin corrosion/irritation: Prolonged contact is essentially nonirritating to skin. Repeated contact may cause flaking and softening of skin.

Serious eye damage/irritation: May cause slight temporary eye irritation. Corneal injury is unlikely. Mist may cause eye irritation

Respiratory or skin sensitization: Did not cause allergic skin reactions when tested in humans. No relevant data found for respiratory sensitization.

Carcinogenicity: No component of this product at levels greater than 0.1% is identified as carcinogenic by IARC, NTP, ACGIH, or OSHA.

Mutagenicity: No mutagenic effects.

Reproductive toxicity: No toxicity to reproduction.

STOT-single exposure: Evaluation of available data suggests that this material is not an STOT-SE toxicant.

STOT-repeated exposure: In rare cases, repeated excessive exposure to propylene glycol may cause central nervous system effects.

## SECTION 12. ECOLOGICAL INFORMATION

## Ingredients:

**Ethanol:**

## Ecotoxicity:

Toxicity to fish: LC50 (Pimephales promelas (fathead minnow)): > 1,000 mg/l  
Exposure time: 96 h

Toxicity to daphnia and other aquatic invertebrates:

EC50 (Daphnia magna (Water flea)): > 1,000 mg/l  
Exposure time: 48 h

Toxicity to algae:

EC50 (Chlorella vulgaris (Fresh water algae)): 275 mg/l  
Exposure time: 72 h  
Method: OECD Test Guideline 201

Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity):

NOEC (Daphnia magna (Water flea)): 9.6 mg/l  
Exposure time: 9 d

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Toxicity to bacteria: EC50 (Photobacterium phosphoreum): 32.1 mg/l  
Exposure time: 0.25 h

Persistence and degradability: Readily biodegradable No information available

Bioaccumulation potential: A low potential for bioaccumulation

Mobility in soil: Water soluble and moves readily through soil and the water column.

**Sodium Salicylate:**

Ecotoxicity:

Toxicity to fish: Static test LC50 - Danio rerio (zebra fish) - > 100 mg/l - 96 h  
(OECD Test Guideline 203)

Toxicity to daphnia and other aquatic

Invertebrates: Static test EC50 - Daphnia magna (Water flea) - > 100 mg/l - 48 h  
(OECD Test Guideline 202)

Toxicity to algae: Static test ErC50 - Chlorella vulgaris (Fresh water algae) - 48.29  
mg/l - 72 h (OECD Test Guideline 201)

Persistence and degradability

Biodegradability: Result: 88.19 % - Readily biodegradable.  
(OECD Test Guideline 301D)

Bioaccumulation potential: No data available

Mobility in soil: No data available

**Copper Gluconate:**

Ecotoxicity: No data available

Persistence and degradability

Biodegradability: No data available

Bioaccumulation potential: No data available

Mobility in soil: No data available

**Glycerin:**

Ecotoxicity:

Toxicity to fish: Static LCSO Fish 51 ml/l (96 h) (Oncorhynchus mykiss)

Toxicity to daphnia and other aquatic

Invertebrates: EC50 Daphnia > 500 mg/l (24 h)

Persistence and degradability

Biodegradability: Unlikely to persist

Bioaccumulation potential: No data available

Mobility in soil: No data available

**Propylene glycol:**

Ecotoxicity:

Toxicity to fish: LC50/EC50/EL50/LL50 &gt;100 mg/L

Toxicity to aquatic invertebrates: LC50, Ceriodaphnia dubia (water flea), static test, 48 Hour, 18,340 mg/l, OECD Test Guideline 202

Toxicity to algae/aquatic plants: ErC50, Pseudokirchneriella subcapitata (green algae), 96 Hour, Growth rate inhibition, 19,000 mg/l, OECD Test Guideline 201

Toxicity to bacteria: NOEC, Pseudomonas putida, 18 Hour, &gt; 20,000 mg/l, Method Not Specified.

Persistence and degradability: Material is readily biodegradable.

Bioaccumulation potential: No data available

Mobility in soil: Water soluble, mobile in soil

## SECTION 13. DISPOSAL CONSIDERATIONS

Disposal methods

Waste from residues: Dispose of in accordance with local regulations.

Contaminated packaging: Dispose of as unused product.

Empty containers should be taken to an approved waste handling site for recycling or disposal.

## SECTION 14. TRANSPORT INFORMATION

Certain shipping modes or package sizes may have exceptions from the transport regulations. The classification provided may not reflect those exceptions and may not apply to all shipping modes or package sizes. The shipper / consignor / sender are responsible to ensure that the packaging, labeling, and markings are in compliance with the selected mode of transport.

**DOT**

UN/ID no	UN1170
UN Proper shipping name	ETHANOL SOLUTION
Description	UN1170, ETHANOL, 3, II
Hazard class	3
Packing group	III
Packaging Exceptions	150, 4b
Bulk packaging	242
Non-bulk Packaging	203
Emergency Response Guide Number	127

The shipper is responsible for identifying any exemptions, including Limited Quantity, that may apply based on package size



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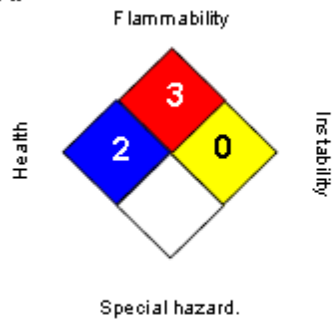
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**NFPA:**



**HMIS III:**

<b>HEALTH</b>	<b>2</b>
<b>FLAMMABILITY</b>	<b>3</b>
<b>PHYSICAL HAZARD</b>	<b>0</b>

0 = not significant, 1 = Slight,  
2 = Moderate, 3 = High  
4 = Extreme, \* = Chronic

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Prepared by: Compliance (Mobley)

The information provided in this 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 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 conjunction with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet