



SAFETY DATA SHEET
Stoko Refresh 4 in 1 Instant Hand Sanitizer Gel

1. Identification

Product identifier

Product name Stoko Refresh 4 in 1 Instant Hand Sanitizer Gel
Product number 35234-CAN
Container size 1000 mL

Details of the supplier of the safety data sheet

Supplier Deb Canada
 42 Thompson Road West
 Waterford
 Ontario
 N0E 1Y0

Manufacturer Deb-Stoko USA LLC
 2408 Doyle Street
 Greensboro NC 27408 USA

Emergency telephone number

Emergency telephone (800) 424-9300 CHEMTREC (North America) (703) 527-3887 CHEMTREC (International, call collect)

2. Hazard(s) identification

Classification of the substance or mixture

Physical hazards Not Classified
Health hazards Eye Irrit. 2A - H319
Environmental hazards Not Classified

Environmental The product contains a substance which has a photochemical ozone creation potential.

Physicochemical The product is highly flammable. Vapors may form explosive mixtures with air.

Label elements

Pictogram



Signal word Warning

Hazard statements H319 Causes serious eye irritation.

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Precautionary statements	<p>P264 Wash contaminated skin thoroughly after handling.</p> <p>P280 Wear protective gloves/protective clothing/eye protection/face protection.</p> <p>P305+P351+P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</p> <p>P337+P313 If eye irritation persists: Get medical advice/attention.</p>
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Other hazards

Flammable liquid and vapor.

3. Composition/information on ingredients

Mixtures

ETHANOL	60-100%
CAS number: 64-17-5	
Classification	
Flam. Liq. 2 - H225	
Eye Irrit. 2A - H319	

The Full Text for all Hazard Statements are Displayed in Section 16.

Composition comments	<p>Ethanol</p> <p>Water</p> <p>Isopropanol</p> <p>Hydrogenated starch</p> <p>THP Ethylenediamine</p> <p>Carbomer</p> <p>Fragrance</p>
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4. First-aid measures

Description of first aid measures

General information	Get medical attention if any discomfort continues.
Inhalation	Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing.
Ingestion	DO NOT induce vomiting. Get medical attention immediately.
Skin Contact	Remove contaminated clothing.
Eye contact	Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Get medical attention promptly if symptoms occur after washing.

Most important symptoms and effects, both acute and delayed

Inhalation	No specific symptoms known.
Ingestion	May cause nausea, headache, dizziness and intoxication.
Skin contact	None known.
Eye contact	May cause severe eye irritation.

Indication of immediate medical attention and special treatment needed

Notes for the doctor	No specific recommendations.
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5. Fire-fighting measures

Extinguishing media

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Suitable extinguishing media Extinguish with alcohol-resistant foam, carbon dioxide or dry powder.

Special hazards arising from the substance or mixture

Specific hazards FLAMMABLE. Forms explosive mixtures with air.

Hazardous combustion products Protection against nuisance dust must be used when the airborne concentration exceeds 10 mg/m³. Oxides of carbon.

Advice for firefighters

Protective actions during firefighting Fight fire from safe distance or protected location. Containers close to fire should be removed or cooled with water.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Personal precautions Take precautionary measures against static discharges. No smoking, sparks, flames or other sources of ignition near spillage. Wear suitable protective clothing as protection against splashing or contamination. Avoid inhalation of vapors and contact with eyes

Environmental precautions

Environmental precautions Do not discharge into drains or watercourses or onto the ground. Contain spillage with sand, earth or other suitable non-combustible material.

Methods and material for containment and cleaning up

Methods for cleaning up Eliminate all sources of ignition. No smoking, sparks, flames or other sources of ignition near spillage. Provide adequate ventilation. Wash thoroughly after dealing with a spillage. Absorb spillage with non-combustible, absorbent material. Collect and place in suitable waste disposal containers and seal securely.

Reference to other sections For personal protection, see Section 8.

7. Handling and storage

Precautions for safe handling

Usage precautions Keep away from heat, sparks and open flame. Avoid contact with eyes.

Conditions for safe storage, including any incompatibilities

Storage precautions Store in tightly closed original container in a dry, cool and well-ventilated place. Keep away from heat, sparks and open flame.

Specific end uses(s)

Specific end use(s) The identified uses for this product are detailed in Section 1.2.

8. Exposure Controls/personal protection

Control parameters

Occupational exposure limits

ETHANOL

Long-term exposure limit (8-hour TWA): OSHA 1000 ppm 1900 mg/m³

OSHA = Occupational Safety and Health Administration.

ETHANOL (CAS: 64-17-5)

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DNEL	Professional - Inhalation; local effects: 1900 mg/m ³ Professional - Dermal; Long term systemic effects: 343 mg/kg/day Professional - Inhalation; Long term systemic effects: 950 mg/m ³ Consumer - Inhalation; local effects: 950 mg/m ³ Consumer - Dermal; Long term systemic effects: 206 mg/kg/day Consumer - Inhalation; Long term systemic effects: 114 mg/m ³ Consumer - Oral; Long term systemic effects: 87 mg/kg/day
PNEC	- Marine water; 0.79 mg/l - Fresh water; 0.96 mg/l - Intermittent release; 2.75 mg/l - STP; 580 mg/l - Sediment (Freshwater); 3.46 mg/kg - Sediment (Marinewater); 2.9 mg/l - Soil; 0.63 mg/kg
Immediate danger to life and health	3300 ppm

Exposure controls

Protective equipment



Appropriate engineering controls	Not relevant.
Eye/face protection	Not required normally but wear eye protection if you are conducting an operation where there is a risk of this product getting in the eyes.
Hand protection	Not applicable.
Hygiene measures	DO NOT SMOKE IN WORK AREA! Promptly remove any clothing that becomes contaminated.
Respiratory protection	Not relevant.

9. Physical and Chemical Properties

Information on basic physical and chemical properties

Appearance	Clear liquid.
Color	Colorless.
Odor	Fragrant
pH	6.8 - 8.1
Melting point	Not Applicable°C
Initial boiling point and range	78°C @
Flash point	23°C TCC (Tag closed cup).
Evaporation rate	1.4 (water =1)
Vapour pressure	Not Available @ °C
Vapour density	Not available
Relative density	approx. 0.9
Other information	None.
Volatility	70-80
Volatile organic compound	This product contains a maximum VOC content of 70-80% .

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10. Stability and reactivity

Reactivity	There are no known reactivity hazards associated with this product.
Stability	No particular stability concerns.
Possibility of hazardous reactions	Not known.
Conditions to avoid	Avoid heat, flames and other sources of ignition.
Materials to avoid	Oxidising Agents Aluminium
Hazardous decomposition products	Protection against nuisance dust must be used when the airborne concentration exceeds 10 mg/m ³ . Oxides of carbon.

11. Toxicological information

Information on toxicological effects

Toxicological effects	No data recorded.
General information	No specific health hazards known.
Inhalation	No specific health hazards known.
Ingestion	May cause nausea, headache, dizziness and intoxication.
Skin Contact	Skin irritation should not occur when used as recommended.
Eye contact	Causes eye irritation

12. Ecological Information

Ecotoxicity	The product is not expected to be toxic to aquatic organisms.
<u>Persistence and degradability</u>	
Persistence and degradability	The product is biodegradable.
<u>Bioaccumulative potential</u>	
Bio-Accumulative Potential	The product is not bioaccumulating.
<u>Mobility in soil</u>	
Mobility	The product is soluble in water.
<u>Results of PBT and vPvB assessment</u>	
Results of PBT and vPvB assessment	This product does not contain any substances classified as PBT or vPvB.
<u>Other adverse effects</u>	
Other adverse effects	None known.

13. Disposal considerations

Waste treatment methods

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General information	When handling waste, the safety precautions applying to handling of the product should be considered. Wear suitable protective clothing as protection against splashing or contamination.
Disposal methods	Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

14. Transport information

UN Number

UN No. (DOT)	1987
UN No. (IMDG)	1987
UN No. (ICAO)	1987

UN proper shipping name

Proper shipping name (DOT)	ALCOHOLS, N.O.S.
Proper shipping name (IMDG)	ALCOHOLS, N.O.S.
Proper shipping name (ICAO)	ALCOHOLS, N.O.S.

Transport hazard class(es)

DOT hazard class	3
DOT hazard label	Flammable Liquid
TDG class	3
TDG label	3
IMDG Class	3
ICAO class/division	3

Transport labels



Packing group

DOT pack group	II
IMDG packing group	II
ICAO packing group	II

Special precautions for user

EmS	F-E, S-D
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15. Regulatory information

Regulatory Status	This product is exempt from WHMIS labelling requirements as it is regulated under other federal legislation (ie. Health Canada). This product is manufactured and labeled in compliance with the Canadian Food and Drug Regulations. Product is classified in accordance with the hazard criteria of CPR. This product is manufactured and labeled in compliance with the Cosmetic Program under Health Canada and is actually exempt from WHMIS Regulation.
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16. Other information

Revision comments	New SDS Software Revision of information
Revision date	3/3/2016
Revision	2
Supersedes date	3/3/2016
SDS No.	21172
Signature	Deb Canadian Hygiene Inc.
Hazard statements in full	H225 Highly flammable liquid and vapor. H319 Causes serious eye irritation.

This 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. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.