

Expires: July 2018



SAFETY DATA SHEET
Stoko Refresh Foaming Instant Hand Sanitizer

1. Identification

Product identifier

Product name Stoko Refresh Foaming Instant Hand Sanitizer
Product number 31869-CAN,34826-CAN
Container size 800 ml,1000 ML

Recommended use of the chemical and restrictions on use

Application Hand Sanitiser

Details of the supplier of the safety data sheet

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

Emergency telephone number

Emergency telephone (519) 443-8697

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

Hazard statements H319 Causes serious eye irritation.

3. Composition/information on ingredients

Mixtures

ETHANOL	60-100%
CAS number: 64-17-5	REACH registration number: 01-2119457610-43-XXXX

Classification

Flam. Liq. 2 - H225
 Eye Irrit. 2A - H319

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

Inci Ethyl Alcohol
DI Water
Bis-PEG/PPG-20/20 Dimethicone
Ethyl Cellulose
PEG-14M

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 Immediately remove contaminated clothing.

Eye contact Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. 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

Ingestion May cause nausea, headache, dizziness and intoxication.

Eye contact May cause severe eye irritation.

Indication of immediate medical attention and special treatment needed

Notes for the doctor No specific recommendations.

5. Fire-fighting measures

Extinguishing media

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.

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.

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

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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)

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 relevant.

Hygiene measures

DO NOT SMOKE IN WORK AREA! Promptly remove any clothing that becomes contaminated.

Respiratory protection

Not relevant.

9. Physical and Chemical Properties

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Information on basic physical and chemical properties

Appearance	Clear liquid.
Color	Colorless.
Odor	Characteristic.
pH	No information available.
Relative density	approx. 0.9

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	Does not decompose when used and stored as recommended.

11. Toxicological information

Information on toxicological effects

Toxicological effects	No data recorded.
Inhalation	High concentrations of vapors may irritate respiratory system and lead to headache, fatigue, nausea and vomiting.
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 Not regarded as dangerous for the environment.

Persistence and degradability

Persistence and degradability The product is biodegradable.

Bioaccumulative potential

Bio-Accumulative Potential No data available on bioaccumulation.

Mobility in soil

Mobility The product is water soluble and may spread in water systems.

Results of PBT and vPvB assessment

Results of PBT and vPvB assessment This product does not contain any substances classified as PBT or vPvB.

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13. Disposal considerations

Waste treatment methods

General information When handling waste, the safety precautions applying to handling of the product should be considered.

Disposal methods Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

14. Transport information

Road transport notes Not classified.

Rail transport notes Not classified.

Sea transport notes Not classified.

Air transport notes Not classified.

UN Number

UN No. (DOT) 1987

UN No. (TDG) 1987

UN No. (ICAO) 1987

UN proper shipping name

Proper shipping name (DOT) ALCOHOLS.N.O.S.

Proper shipping name (TDG) ALCOHOLS.N.O.S.

Proper shipping name (IMDG) 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

Environmental hazards

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Environmentally Hazardous Substance

No.

Special precautions for user

EmS F-E,S-D

15. Regulatory information

16. Other information

Revision date	7/14/2015
Revision	2
Supersedes date	7/13/2015
SDS No.	21063
Hazard statements in full	H319 Causes serious eye irritation.
ACA HMIS Health rating.	Minimal Hazard. (0)
ACA HMIS Physical hazard rating.	Normally stable. (0)
ACA HMIS Flammability rating.	Burns only if heated moderately. (2)