

MATERIAL SAFETY DATA SHEET

Canadian WHMIS Standards

1. PRODUCT IDENTIFICATION

TRADE NAME (AS LABELED): **Certainty™ Foam Hand Sanitizer**
CHEMICAL NAME/CLASS: Formulation
PRODUCT USE: Hand Sanitizer
SUPPLIER/MANUFACTURER'S NAME: **Innocore Sales & Marketing**
ADDRESS: 1050 Salk Rd., Unit 5, Pickering, ON L1W 3C5
NON-EMERGENCY BUSINESS PHONE: 905-428-1422
DATE OF PREPARATION: Feb 3, 2014

2. COMPOSITION and INFORMATION ON INGREDIENTS

CHEMICAL NAME	CAS #	% w/w	EXPOSURE LIMITS IN AIR							
			ACGIH-TLV		OSHA-PEL		NIOSH			OTHER
			TWA mg/m ³	STEL mg/m ³	TWA mg/m ³	STEL mg/m ³	TWA mg/m ³	TEL mg/m ³	DLH mg/m ³	
Benzalkonium Chloride	8001-54-5	0.10	NE	NE	NE	NE	NE	NE	NE	NE

NE = Not Established.

NOTE: ALL WHMIS required information is included in appropriate sections based on the ANSI Z400.1-1998 format. This product has been classified in accordance with the hazard criteria of the CPR and the MSDS contains all the information required by the CPR.

3. HAZARD IDENTIFICATION

Product Description: Clear colorless to light amber solution with a mild odor
Health Hazards: When used as directed, there are no immediate or long-term health risks.
Fire Hazards: None
Reactivity Hazards: This product is not reactive.
Environmental Hazards: None
Emergency Considerations: None

4. FIRST-AID MEASURES

SKIN EXPOSURE: Not applicable.

EYE EXPOSURE: Rinse eyes with water. Remove any contact lenses, and continue flushing eyes with running water for at least 15 minutes

INHALATION: Not applicable

INGESTION: Give 3-4 glasses of water but DO NOT induce vomiting. If vomiting occurs, give fluids again. Consult a physician.

5. FIRE-FIGHTING MEASURES

FLASH POINT and Method: > 93 °C (200°F) (PMCC)

AUTOIGNITION TEMPERATURE: Not flammable.

FLAMMABLE LIMITS (in air by volume, %):

Lower (LEL): Not applicable.

Upper (UEL): Not applicable.

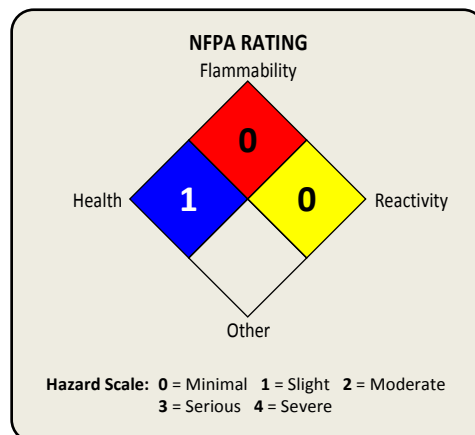
FIRE EXTINGUISHING MATERIALS: Use media suitable for the material that is burning

UNUSUAL FIRE AND EXPLOSION HAZARDS: This product poses no fire hazard

Explosion Sensitivity to Mechanical Impact: Not applicable.

Explosion Sensitivity to Static Discharge: Not applicable.

SPECIAL FIRE-FIGHTING PROCEDURES: None.



6. ACCIDENTAL RELEASE MEASURES

RELEASE RESPONSE: Spill area will be slippery. No special cleanup requirements.

7. HANDLING and STORAGE

WORK AND HYGIENE PRACTICES: Observe good general housekeeping practices.

STORAGE AND HANDLING PRACTICES: Keep container tightly closed. Keep away from heat and sunlight.

Storage temperature range 5°C-30°C (-15°F - 86°F)

8. EXPOSURE CONTROLS - PERSONAL PROTECTION

VENTILATION AND ENGINEERING CONTROLS: None required under normal use conditions.

RESPIRATORY PROTECTION: None required under normal use conditions.

EYE PROTECTION: None required under normal use conditions.

HAND PROTECTION: None required under normal use conditions.

BODY PROTECTION: None required.

EXPOSURE LIMITS: No limits established for this product.

9. PHYSICAL and CHEMICAL PROPERTIES

PHYSICAL STATE: Liquid solution

FREEZING POINT: ND

VAPOR PRESSURE (mmHg): As Water

MELTING POINT: Liquid

SOLUBILITY IN WATER: Infinite

ODOR THRESHOLD: Not established.

EVAPORATION RATE: As Water

BOILING POINT: 100° C (212°F)

SPECIFIC GRAVITY (H₂O = 1): 1.00 – 1.02

VAPOR DENSITY (Air = 1): 1

pH: 4.0 – 7.0

LOG WATER/OIL DISTRIBUTION COEFFICIENT: Not established

APPEARANCE, ODOR AND COLOR: water white to straw color with mild odor

10. STABILITY and REACTIVITY

STABILITY: Stable.

CONDITIONS TO AVOID: Avoid contact with heat

INCOMPATIBILITY (Materials to Avoid): None known

DECOMPOSITION PRODUCTS: Oxides of carbon and nitrogen on combustion

HAZARDOUS POLYMERIZATION: Will not occur.

11. TOXICOLOGICAL INFORMATION

No harmful effects when used as directed.

12. ECOLOGICAL INFORMATION

ALL WORK PRACTICES MUST BE AIMED AT ELIMINATING ENVIRONMENTAL CONTAMINATION.

EC₅₀ (Bacterium toxicity)

No data

LC₅₀ (Daphnia)

No Data

BOD

No data

COD

No data

13. DISPOSAL CONSIDERATIONS

WASTE NUMBER: Not regulated.

This product has been evaluated for RCRA characteristics and does not meet the criteria of hazardous waste.

PREPARING WASTES FOR DISPOSAL: Keep away from natural water sources. Observe all appropriate Canadian, provincial and local regulations.

14. TRANSPORTATION INFORMATION

TRANSPORT CANADA TRANSPORTATION OF DANGEROUS GOODS REGULATIONS: This product is not considered as dangerous goods, per Transport Canada regulations.

THIS PRODUCT IS NOT HAZARDOUS AS DEFINED BY 49 CFR 172.101 BY THE U.S. DEPARTMENT OF TRANSPORTATION.

15. REGULATORY INFORMATION

CANADIAN DSL/NDSL INVENTORY STATUS: The components of this product are listed on the DSL Inventory.

OTHER CANADIAN REGULATIONS: Not applicable.

CANADIAN ENVIRONMENTAL PROTECTION ACT (CEPA) PRIORITY SUBSTANCES LISTS: Not applicable.

CANADIAN WHMIS SYMBOLS: None

This product has been classified in accordance with the hazard criteria of the Canadian Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

16. OTHER INFORMATION

Abbreviations

C: Ceiling Limited

N/A Not applicable

N/D Not Determined

N/E: Not Established

N/K Not known

RQ: Reportable quantity