

MATERIAL SAFETY DATA SHEET**SECTION 1 — PRODUCT IDENTIFICATION****Product identifier:** 1002 – Certainty Foaming Hand Wash**WHMIS Classification:** Not regulated under WHMIS– regulated under Health Canada as personal care**Product use:** Hand Washing**Product Code Number:** C12550**MSDS Number:** 1003

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<u>Ingredients</u>	<u>CAS #</u>	<u>% (weight)</u>	<u>LD₅₀</u> <u>mg/kg</u> <u>oral/rat</u>	<u>LD₅₀</u> <u>mg/kg</u> <u>skin/rabbit</u>	<u>LC₅₀</u> <u>ppm</u> <u>inh/rat</u>
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Not controlled under WHMIS

SECTION 3 — HAZARDS IDENTIFICATION

POTENTIAL HEALTH EFFECTS

Routes of entry: Ingestion and eye contact.**Signs and symptoms of short-term (acute) exposure:***Inhalation:* No effects are expected.*Skin contact:* No effects are expected.*Eye contact:* Contact can result in irritation.*Ingestion:* May be harmful if swallowed.**Effects of long-term (chronic) exposure:** See Section 11. **Other important hazards:** None reported.**SECTION 4 — FIRST AID MEASURES****Inhalation:** n/ap**Skin contact:** n/ap**Eye contact:** Flush eyes with running water for at least 15 minutes, keeping eyelids open.**Ingestion:** Call physician.**SECTION 5 — FIRE FIGHTING MEASURES****Fire hazards/conditions of flammability:** Not flammable.**Flash point (Method):** Not applicable. °C (°F)**Lower flammable limit (% by volume):** n/ap**Upper flammable limit (% by volume):** n/ap**Explosion data:** *Sensitivity to mechanical impact:* Not sensitive. *Sensitivity to static discharge:* Not sensitive.**Oxidizing properties:** None.**Auto-ignition temperature:** None.**Suitable extinguishing media:** As appropriate for burning of surrounding products.

Special fire-fighting procedures/equipment: n/ap

Hazardous combustion products: n/ap

SECTION 6 — ACCIDENTAL RELEASE MEASURES

Personal precautions: n/ap

Environmental precautions: No special precautions required.

Spill response/Cleanup: Recover and reuse as much of the product as possible.

Prohibited materials: None known.

SECTION 7 — HANDLING AND STORAGE

Safe handling procedures: Avoid contact with eyes.

Storage requirements: Store in a cool, dry area. Keep away from incompatible materials, (see Sect. 10)

Special packaging materials: Plastic containers.

SECTION 8 — EXPOSURE CONTROLS AND PERSONAL PROTECTION

Ventilation and engineering controls: n/ap

Respiratory protection: Normally not required.

Protective gloves: n/ap

Eye protection: n/ap

Other protective equipment: n/ap

SECTION 9 — PHYSICAL AND CHEMICAL PROPERTIES

Physical form, color and odor: Clear green liquid with a green apple fragrance

Odor threshold: n/av

pH: 7 – 8.5

RI: 5.5

Boiling point: n/av

Melting/freezing point: n/av

Vapour pressure: n/av

Solubility in water: Very soluble.

Coefficient of oil/water distribution: n/av

Specific gravity or relative density (water = 1): n/av

Vapour density: n/ap

Volatile organic compounds (VOC's): n/ap

Evaporation rate: n/ap

Percent Volatile by Weight: n/av

SECTION 10 — REACTIVITY AND STABILITY DATA

Stability and reactivity: Normally stable.

Conditions to avoid: Keep containers closed, when not in use.

Materials to avoid: n/ap

Hazardous decomposition products: None.

SECTION 11 — TOXICOLOGICAL INFORMATION

LD₅₀: Not established for this product. See Section 2 for values for ingredients.

LC₅₀: Not established for this product. See Section 2 for values for ingredients.

Exposure limits: ACGIH-TLV - Not established.

Carcinogenicity: None of the ingredients is listed by IARC, ACGIH, NTP, and OSHA as carcinogen.

Teratogenicity, mutagenicity, other reproductive effects: There is no human or animal information available on teratogenicity, reproductive toxicity, or mutagenicity.

Sensitization to material: Not reported.

Conditions aggravated by exposure: Skin conditions.

Synergistic materials: None known.

SECTION 12 — ECOLOGICAL INFORMATION

Environmental effects: None known.

SECTION 13 — WASTE DISPOSAL

Handling for disposal: Reuse if possible.

Methods of disposal: Follow local, provincial, state and federal regulations.

SECTION 14 — TRANSPORTATION INFORMATION

Shipping description: TDG - Not regulated.

Please note: This shipping description is of a general nature only. It does not consider package sizes, modes of transport and other specific circumstances. Appropriate regulations should be referenced, and handling for transportation of dangerous goods/hazardous materials should be performed by trained personnel only.

SECTION 15 — REGULATORY INFORMATION

WHMIS information: Not regulated under WHMIS – Regulated under Health Canada as personal care

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

SECTION 16 — OTHER INFORMATION

References:

1. ACGIH, Threshold Limit Values and Biological Exposure Indices for 2001.
2. International Agency for Research on Cancer Monographs, Supplement 7, 1988.
3. Canadian Centre for Occupational Health and Safety. CHEMINFO database.
4. Material Safety Data Sheets from raw materials suppliers.
5. N. Irving Sax. Dangerous Properties of Industrial Materials, Seventh Edition.

n/ap Not applicable

n/av Not available