

SAFETY DATA SHEET

According to SOR/2015-2017 (WHMIS 2015) and OSHA 29 CFR Parts 1910, 1915, 1926

Revision Date: 2026-05-25 | Version: 1.0

SECTION 1: Identification

Product Name	Hand Soap (No.51)
Product Code	No.51
Recommended Use	Liquid hand soap for institutional and commercial washrooms
Restrictions on Use	For external use only. Not for medical or surgical hand antisepsis.

Manufacturer / Supplier

Company	ERE Inc.
Address	8605 Champ D'eau, Montréal, Québec, H1P 3B8, Canada
Telephone	(514) 326-8852
Fax	(514) 326-8961
Website	www.ereinc.com
Emergency Phone	CANUTEC 1-613-996-6666

SECTION 2: Hazards Identification

GHS Classification

Hazard Class	Category
Serious Eye Damage / Eye Irritation	Category 2A

GHS Pictograms: GHS07 (Exclamation Mark)

Signal Word: CAUTION

Hazard Statements

- H319 — Causes serious eye irritation

Precautionary Statements

- P280 — Wear eye protection/face protection
- P305+P351+P338 — IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P337+P313 — If eye irritation persists: Get medical advice/attention

SECTION 3: Composition / Information on Ingredients

Chemical Name	CAS Number	Concentration (%)
Sodium Olefin Sulfonate	68439-57-6	10 – 30
Cocamidopropyl Betaine	61789-40-0	1 – 5
Alkyl Polyglucoside	157707-88-5	1 – 5
Citric Acid	77-92-9	0.1 – 1.0

Balance: Water and minor adjuvants (fragrance, preservative; < 1% individually, non-hazardous).

SECTION 4: First-Aid Measures

Inhalation

Not expected to be an inhalation hazard. Move person to fresh air if symptoms develop.

Skin Contact

Rinse with water. Product is designed for skin contact during normal use. If irritation or rash develops, seek medical attention.

Eye Contact

Rinse cautiously with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If irritation persists, seek medical attention.

Ingestion

Rinse mouth with water. Do NOT induce vomiting. Drink small quantities of water. If symptoms develop, seek medical attention.

Most Important Symptoms and Effects

Causes serious eye irritation: redness, tearing, pain. No significant skin effects expected under normal use.

Indication of Immediate Medical Attention

If eye irritation persists after thorough rinsing, seek medical attention. Treat symptomatically.

SECTION 5: Fire-Fighting Measures

Suitable Extinguishing Media

Water spray, dry chemical, carbon dioxide (CO₂), foam.

Unsuitable Extinguishing Media

None known.

Specific Hazards Arising from the Chemical

Product is water-based and not flammable. Thermal decomposition may produce carbon oxides (CO, CO₂) and sulfur oxides.

Special Protective Equipment for Fire-Fighters

Wear self-contained breathing apparatus (SCBA) and full protective gear when fighting fires involving this product.

NFPA Ratings: Health 1 / Flammability 0 / Reactivity 0

SECTION 6: Accidental Release Measures

Personal Precautions, Protective Equipment, and Emergency Procedures

Wear appropriate PPE including eye protection. Product is slippery — use caution to avoid falls.

Environmental Precautions

Prevent large quantities from entering drains or waterways.

Methods and Materials for Containment and Cleaning Up

Contain spill. Absorb with inert material or mop up. Flush residual area with water. Dispose of collected material in accordance with applicable regulations.

SECTION 7: Handling and Storage

Precautions for Safe Handling

Avoid contact with eyes. Use as intended for hand washing. Follow good hygiene practices.

Conditions for Safe Storage

Store in original container in a cool, dry location. Keep container closed when not in use. Protect from freezing and excessive heat.

Incompatible Materials

Strong oxidizers, strong bases.

SECTION 8: Exposure Controls / Personal Protection

Occupational Exposure Limits

No specific OELs established for this product mixture or its components at present concentrations.

Engineering Controls

General room ventilation is adequate for normal use.

Personal Protective Equipment

- **Eye Protection:** Safety glasses if splash risk exists (e.g., during container transfer or refilling)
- **Skin Protection:** Not required for normal hand washing use. Waterproof gloves for prolonged industrial handling.
- **Respiratory Protection:** Not required
- **General Hygiene:** Follow standard good hygiene practices.

SECTION 9: Physical and Chemical Properties

Property	Value
Appearance	Liquid, translucent
Odor	Floral
pH	5.8 – 6.4
Boiling Point	> 100°C
Flash Point	Not applicable (water-based, not flammable)
Flammability	Not flammable
Relative Density	1.005
Solubility in Water	Soluble
Vapor Pressure	Not determined
Evaporation Rate	Not determined

SECTION 10: Stability and Reactivity

Reactivity

Not reactive under normal conditions of use and storage.

Chemical Stability

Stable under recommended storage conditions.

Possibility of Hazardous Reactions

None known under normal conditions.

Conditions to Avoid

Extreme temperatures, freezing.

Incompatible Materials

Strong oxidizers, strong bases.

Hazardous Decomposition Products

Thermal decomposition may produce carbon oxides and sulfur oxides.

SECTION 11: Toxicological Information

Likely Routes of Exposure

- **Inhalation:** Not expected to be a hazard
- **Skin Contact:** Intended for brief skin contact; not expected to cause irritation under normal use
- **Eye Contact:** Causes serious eye irritation
- **Ingestion:** May cause nausea and gastrointestinal discomfort

Acute Toxicity

Product is not classified as acutely toxic. Based on available data, the mixture does not meet GHS acute toxicity criteria.

Chronic Effects

No data available on chronic toxicity of the mixture.

Carcinogenicity

No components are listed as carcinogens by IARC, NTP, or OSHA.

Sensitization

Cocamidopropyl Betaine may cause skin sensitization in individuals with pre-existing sensitivity. Not classified as a sensitizer at present concentrations.

SECTION 12: Ecological Information

Ecotoxicity

Surfactants may be toxic to aquatic organisms in concentrated form. Product is significantly diluted during normal use.

Persistence and Degradability

Components are readily biodegradable. Alkyl Polyglucoside is derived from renewable resources and is readily biodegradable.

Bioaccumulative Potential

Not expected to bioaccumulate.

Mobility in Soil

Soluble in water; expected to have high mobility in soil.

Other Adverse Effects

None known.

SECTION 13: Disposal Considerations

Waste Disposal Methods

Dispose of contents and container in accordance with all applicable local, provincial, and federal regulations. Small quantities may be flushed to sanitary sewer with large amounts of water if permitted by local regulations.

SECTION 14: Transport Information

Regulation	Classification
TDG (Canada)	Not regulated
DOT (USA)	Not regulated

IMDG (Sea)	Not regulated
IATA (Air)	Not regulated

Not classified as dangerous goods for transport.

SECTION 15: Regulatory Information

Canadian Regulations

- **WHMIS 2015:** Classified per Hazardous Products Regulations (SOR/2015-17) — Eye Irritation Category 2A
- **CEPA / DSL:** All ingredients are listed on the Canadian Domestic Substances List (DSL)

United States Regulations

- **OSHA:** Classified per 29 CFR 1910.1200 (HazCom 2012 / GHS)
- **TSCA:** All ingredients are listed on the TSCA Inventory
- **SARA 311/312:** Acute Health Hazard (eye irritation)
- **SARA 313:** No listed chemicals above reporting thresholds

International Regulations

Verify compliance with local regulations before use or distribution in other jurisdictions.

SECTION 16: Other Information

Revision Date	2026-05-25
Version	1.0
Prepared By	ERE Inc. — Regulatory Affairs

Abbreviations

- GHS — Globally Harmonized System of Classification and Labelling of Chemicals
- NFPA — National Fire Protection Association
- PPE — Personal Protective Equipment
- IARC — International Agency for Research on Cancer

Disclaimer

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