

# MATERIAL SAFETY DATA SHEET

## SECTION I – PRODUCT AND COMPANY IDENTIFICATION

**Product Name:** ES59 Soy Hand Cleaner      **Product Use:** Hand Cleaner  
**Manufacturer:** Enviro Solutions Limited      **Supplier:**  
**Address:** 2060 Fisher Dr.      **Address:**  
Peterborough, ON K9J 8N4  
**Telephone:** (705)-745-3070      **Telephone:**  
**Emergency Phone:** CANUTEC (613)-966-6666

## SECTION II – INFORMATION ON INGREDIENTS

Ingredients	CAS#	Wt%	OSHA-PEL	ACGIH-TLV	LD <sub>50</sub>
Water	7732-18-5	60-100	Not applicable	Not applicable	14500 mg/kg (oral, rat)
Methyl ester, soybean oil	67784-80-9	7-15	Not applicable	Not applicable	Not available
Sodium laureth sulphate	68585-34-2	7-15	Not applicable	Not applicable	1000 mg/kg (oral, rat)
Coco amido betaine	61789-40-0	1-7	Not applicable	Not applicable	3000 mg/kg (oral, rat)
Juglans regia shell powder	999999-99-4	1-7	Not applicable	Not applicable	Not available
Titanium dioxide	13463-67-7	1-7	Not applicable	10mg/m <sup>3</sup>	Not available
Bentonite	1320-87-9	1-7	Not applicable	Not applicable	Not available
Xanthan gum	11138-66-2	1-7	Not applicable	Not applicable	Not Available
Isothiazolinone preservative	mixture	0-1	Not applicable	Not applicable	3810 mg/kg (oral, rat)

## SECTION III – HAZARDS IDENTIFICATION

**Route of Entry:** Eye, Skin contact, Inhalation, Ingestion.

**Potential Health Effects:**

**Eye Contact:** May cause mild irritation.

**Skin Contact:** NE

**Inhalation:** NE

**Chronic Effects/Carcinogenicity:**

**Carcinogenicity:** No ingredients listed by IRAC or NTP.

## SECTION IV – FIRST AID MEASURES

**Eye Contact:** Flush with water for 15 minutes. Seek medical attention if irritation persists.

**Skin Contact:** NA

**Inhalation:** Remove to fresh air and take deep, slow breaths. Seek medical attention if irritation persists.

**Ingestion:** Do not induce vomiting. Rinse mouth with water, then drink one glass of water. Seek medical attention if symptoms persist.

## SECTION V – FIRE FIGHTING MEASURES

**Flammability:** Not flammable by WHMIS criteria.

**Flash Point:** (deg C, TCC): None

**Hazardous Combustion Products:** Oxides of carbon.

**Means of Extinction:** Treat for surrounding material.

**Special Fire Hazards:** None known to us at this time.

## SECTION VI – ACCIDENTAL RELEASE MEASURES

**Leak and Spill Procedures:** Before attempting clean up, refer to hazard data given above. Small spills may be absorbed with non-reactive absorbent and placed in suitable, covered, labeled containers. For large quantities, dispose of in accordance with local, state/provincial and federal laws.

## SECTION VII – HANDLING AND STORAGE

**Storage Requirements:** KEEP OUT OF REACH OF CHILDREN. Store in closed container. Store away from incompatible materials.

## SECTION VIII – EXPOSURE CONTROL/PERSONAL PROTECTION

**Gloves:** Not required.

**Eye protection:** Use safety glasses.

**Respiratory protection:** Not normally required if good ventilation is maintained.

**Other protective equipment:** As required by employer code.

**Engineering Controls:** General ventilation normally adequate.

## SECTION IX – PHYSICAL AND CHEMICAL PROPERTIES

**Boiling Point (deg C):** NE      **Specific Gravity (H<sub>2</sub>O =1):** 1.035      **Evaporation Rate (Water=1):** NE  
**% Volatile (Wt%):** >50      **Solubility in water:** Dispersable      **pH (as supplied):** 7.36  
**Physical State:** Liquid      **Viscosity:** Viscous      **Appearance/Odor:** Creamy, mild

## SECTION X – STABILITY AND REACTIVITY

**Conditions for Chemical Instability:** Stable

**Incompatible Materials:** Strong oxidizing agents.

**Hazardous Decomposition Products:** Oxides of carbon.

## SECTION XI – TOXICOLOGICAL INFORMATION

This product may cause irritation to the eyes upon prolonged contact.

## SECTION XII – ECOLOGICAL INFORMATION

**Aquatic Acute Toxicity:** NE

## SECTION XIII – DISPOSAL CONSIDERATIONS

Dispose of in accordance with local state/provincial and federal regulations.

## SECTION XIV - TRANSPORTATION

**T.D.G. Classification:** Not regulated.

**D.O.T. Classification:** Not regulated.

## SECTION XV – REGULATORY INFORMATION

**Occupational Health and Safety Regulations:**

**WHMIS Class:** Not regulated under WHMIS.

**OSHA & WHMIS:** MSDS prepared pursuant to the Hazard Communication Standard (CFR29 1910.1200) and Canadian WHMIS regulations (Controlled Products Regulations Under the Hazardous Product Act).

**Environmental Regulatory Lists:**

**SARA – Section 313 (Toxic Chemical Release Reporting) 40 CFR 372 –** None of these ingredients are listed.

**CERCLA – Section 102 (Reportable Quantity) 40 CFR 302 -** None of these ingredients are listed.

**RCRA 40 CRT 261 (Subpart D) –** None of these ingredients are listed.

**CLEAN WATER ACT – Section 311 (Reportable Quantity) 40 CFR 116:** None of these ingredients are listed.

**CLEAN AIR ACT – Section 312 (List of Hazardous Air Pollutants) 40 CFR 63 (Subpart C) –** None of these ingredients are listed.

**National Pollutant Release Inventory –** None of the ingredients are listed.

**Toxic Substance Control Act (TSCA) –** All ingredients are listed on the Chemical Substance Inventory.

**Canadian Domestic Substance List (DSL) -** All the ingredients are listed on the DSL.

## SECTION XVI – OTHER INFORMATION

**Date:** November 23, 2005

**Prepared by:** Technical Services Group

**Telephone:** (705)-740-2880

Disclaimer

Information for this material safety data sheet was obtained from sources considered technically accurate and reliable. While every effort has been made to ensure full disclosure of product hazards, in some cases data is not available and is so stated. Since conditions of actual product use are beyond control of the supplier, it is assumed that users of this material have been fully trained according to the mandatory requirements of WHMIS. No warranty, expressed or implied, is made and supplier will not be liable for any losses, injuries for consequential damages which result from the use of or reliance on any information contained in this form. If user requires independent information on ingredients in this or other material, we recommend contact with the Canadian Centre for Occupational Health and Safety (CCOHS) in Hamilton, Ontario (905-572-4400), or CSST in Montreal, Quebec (514-873-3990).