

MATERIAL SAFETY DATA SHEET

SECTION I – PRODUCT AND COMPANY IDENTIFICATION

Product Name: ES60 BioOdor Control **Product Use:** Odor Control
Manufacture: Enviro Solutions **Supplier:**
Address: 2060 Fisher Dr. **Address:**
Peterborough, ON K9J 8N4
Emergency Phone: 705-745-3070

SECTION II – INFORMATION ON INGREDIENTS

Ingredients	CAS#	Wt%	OSHA-PEL	ACGIH-TLV	LD ₅₀
Water	7732-18-5	60-100	NA	NA	14500 mg/kg (oral, rat)
Sodium alpha-olefin sulfonate	64939-57-6	1-7	NA	NA	3900 mg/kg (oral, rat)
Bacterial spores	1395-21-7	1-7	NA	NA	NA
Dodecanol ethoxylate	68131-39-5	0-1	NA	NA	2700 mg/kg (oral, rat)
Propylene glycol	57-55-6	0-1	NA	NA	20000 mg/kg (oral, rat)
Styrene acrylic emulsion polymer	mixture	0-1	NA	NA	NA
Dimethyl siloxane & silicones	63148-62-9	0-1	NA	NA	NA
Sodium tetraborate pentahydrate	1330-43-4	0-1	NA	NA	NA
Tetrasodium EDTA	64-02-7	0-1	NA	NA	3030 mg/kg (oral, rat)
Fragrance	mixture	0-1	NA	NA	NA

SECTION III – HAZARDS IDENTIFICATION

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

Potential Health Effects:

Eye Contact: May cause slight eye irritation.

Skin Contact: Avoid contact with eyes, skin, open wounds, or clothing. Wash thoroughly with soap and water after handling.

Inhalation: No hazards under normal conditions of use. Can cause nose, throat and respiratory tract irritation.

Chronic Effects/Carcinogenicity:

Carcinogenicity: No ingredients listed by IRAC or NTP. Non hazardous by WHMIS criteria.

SECTION IV – FIRST AID MEASURES

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

Skin Contact: Flush with water. Seek medical attention if irritation develops.

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 persists.

SECTION V – FIRE FIGHTING MEASURES

Flammability: Not flammable by WHMIS criteria.

Flash Point: (deg C, TCC): None

Hazardous Combustion Products: Oxides of carbon and nitrogen.

Means of Extinction: Dry chemical, carbon dioxide and alcohol foam.

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: Wear rubber gloves when handling.

Eye protection: Wear safety glasses or face shield when handling.

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 (H₂O =1):** 1.004 **Evaporation Rate (Water=1):** NE
% Volatile (Wt%): 98.3 **Solubility in water:** Dispersible **pH (as supplied):** 9.0
Physical State: Liquid **Viscosity:** Water thin **Appearance/Odor:** White, Floral

SECTION X – STABILITY AND REACTIVITY

Conditions for Chemical Instability: Stable

Incompatible Materials: Strong acids and strong oxidizing agents.

Hazardous Decomposition Products: Combustion may produce carbon monoxide.

SECTION XI – TOXICOLOGICAL INFORMATION

This product does not contain any known or anticipated Carcinogens according to the criteria of the NTP annual report on Carcinogens and OSHA 29 CFR 1910.1000, Subpart Z.

This product can cause damage to the eyes or skin upon direct contact.

SECTION XII – ECOLOGICAL INFORMATION

Considered Biodegradable. BOD / COD Value 7500 mg/L / 56000 mg/L

SECTION XIII – DISPOSAL CONSIDERATIONS

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

SECTION XIV - TRANSPORTATION

T.D.G. Classification: Not regulated under TDG.

D.O.T. Classification: Not regulated under DOT.

SECTION XV – REGULATORY INFORMATION

Occupational Health and Safety Regulations:

WHMIS Class: Not Controlled.

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:

RCRA (Hazardous Waste Definition) 40 CFR 261 (Subpart D): Not regulated.

CERCLA – Sections 103/302/304 (Reportable Quantity) 40 CFR 302: Not regulated.

SARA – Section 311 (Threshold Reportable Quantity) 40 CFR 370: Immediate (Acute) Health Hazard

SARA – Section 312 (Threshold Reportable Quantity) 40 CFR 370: Immediate (Acute) Health Hazard

SARA – Section 313 (Toxic Chemical Release Reporting) 40 CFR 372: Not regulated.

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: February 13, 2006

Prepared by: Technical Services Group

Telephone: 705-745-3070

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.