

MATERIAL SAFETY DATA SHEET

SECTION I – PRODUCT AND COMPANY IDENTIFICATION

Product Name: ES91C Deep Scrub **Product Use:** Floor Finish Life Extender

Manufacturer: Enviro-Solutions Limited **Supplier:**

Address: 2060 Fisher Dr., **Address:**

Peterborough, ON K9J 8N4

Telephone: (705) 745-3070 **Telephone:**

Emergency Phone: CANUTEC (613)-996-6666

SECTION II – INFORMATION ON INGREDIENTS

Ingredients	CAS#	Wt%	OSHA-PEL	ACGIH-TLV	LD ₅₀
Water	7732-18-5	60-100	Not applicable	Not applicable	14,500mg/kg (oral, rat)
Sodium tetraborate pentahydrate	12179-04-3	1-7	Not applicable	Not applicable	2,660 mg/kg (oral, rat)
Sodium gluconate	527-07-1	1-7	Not applicable	Not applicable	Not applicable
Sodium carbonate	497-19-8	1-7	Not applicable	Not applicable	4,090 mg/kg (oral, rat)
Alcohol ethoxylate	68991-48-0	1-7	Not applicable	Not applicable	>2,000 mg/kg (oral, rat)
FD&C Yellow #6	2783-94-0	0-1	Not applicable	Not applicable	>6,000 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 upon direct contact.

Skin Contact: May cause mild irritation.

Inhalation (of mist): No hazards under normal conditions of use. Prolonged exposure may cause nose, throat and respiratory tract irritation.

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.

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

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

Ingestion: Drink milk, egg whites, and gelatin solution or if none of these are available, drink large quantities of water. Seek medical attention immediately. Never give anything by mouth if victim is unconscious, is rapidly losing consciousness, or is convulsing.

SECTION V – FIRE FIGHTING MEASURES

Flammability: Not flammable **Flash Point:** (deg C, TCC): None

Hazardous Combustion Products: Oxides of carbon.

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. Surfactants are readily biodegradable as per OECD Test Method 301D. 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. Do not store in food processing areas or food storage areas.

SECTION VIII – EXPOSURE CONTROL/PERSONAL PROTECTION

Gloves: If prolonged/repeated contact may occur, use protective gloves.

Eye protection: Where direct eye contact may occur, use chemical splash goggles.

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): ~100 **Specific Gravity (H₂O =1):** 1.02 **Evaporation Rate (Water=1) Similar**

% Volatile (Wt%): >50 **Solubility in water:** Soluble **pH (as supplied):** 9.60

Physical State: Liquid **Viscosity:** Water thin

Appearance/Odor: Clear orange, mild.

SECTION X – STABILITY AND REACTIVITY

Conditions for Chemical Instability: Stable

Incompatible Materials: Strong oxidizing agents.

Hazardous Decomposition Products: Not available

SECTION XI – TOXICOLOGICAL INFORMATION

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

SECTION XII – ECOLOGICAL INFORMATION

Biodegradability: N/A

Aquatic Acute Toxicity: N/A

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: Product is registered under the Food and Drug Act (D.I.N.02130688).

OSHA & WHMIS: MSDS prepared pursuant to the Hazard Communication Standard (CFR29 1910.1200 and Canadian WHMIS regulations (Controlled products Regulations Under the Hazardous 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 CFR 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 these ingredients are listed.

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

Canadian Domestic Substance List (DSL) – All the ingredients are registered on the DSL.

SECTION XVI – OTHER INFORMATION

Date: March 17, 2008

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 may 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).