

MATERIAL SAFETY DATA SHEET

SECTION I – PRODUCT IDENTIFICATION

Product Name: Fireline Evergreen A-44
Product Use: Cleaner/Degreaser Concentrate for Ultrasonics
WHMIS Class: Class D – Division 2B
D.O.T. Classification: Not Regulated
TDG Classification: Not Regulated
Manufacturer: Sensible Life Products
Address: 555 Bay St. North, Ontario, CA L8L 1H1
Telephone: (905) 528-7474
Emergency Phone: (800) 909-2813

HEALTH	1
FLAMMABILITY	0
REACTIVITY	0

LEGEND	
Minimal	0
Slight	1
Moderate	2
Serious	3
Severe	4

SECTION II – COMPOSITION / INFORMATION ON INGREDIENTS

Ingredients	CAS#	WT%	ACGIH-TLV	LD ₅₀
Alcohol ethoxylate (C7-21), plant based	68991-48-0	1 – 5	None established	1410 mg/kg oral, rat
Alcohol, coco, ethoxylate (coconut oil alcohol), plant based	61791-13-7	3 - 7	None established	Not available
Alcohol ethoxylate (C12-18), plant based	68213-23-0	3 - 7	None established	> 2000 mg/kg oral, rat

OSHA – MSDS prepared pursuant to the Hazard Communication Standard (CFR29 1910.1200).
SARA – Section 313 (Toxic Chemical Release Reporting) 40 CFR 372 – No ingredients above reportable quantities.
Toxic Substances Control Act (TSCA) – All the ingredients are listed or exempt from listing on the Chemical Substance Inventory.
California Proposition 65 – No ingredients listed.
DSL – Listed on inventory.

SECTION III – PHYSICAL DATA

pH (100%): 11.2 - 11.4
Specific Gravity (H₂O = 1): 1.02
% Volatile (Wt%): <1
Solubility in Water: soluble
Physical State: Liquid, concentrate
Appearance; Odor: Clear colorless; slight detergent

Boiling Point (°C): Not available
Freezing Point (°C): Not available
Evaporation Rate (Ether=1): Not available
Vapour Pressure (mm Hg): Not available
Viscosity: Not available
Odor Threshold (ppm): Not available

SECTION IV – FIRE AND EXPLOSION DATA

Flammability: Not flammable by WHMIS/OSHA criteria
Flash Point (°C, TCC): None to boil
Hazardous Combustion Products: May include and are not limited to oxides of carbon.
Auto-ignition Temperature (°C): Not applicable
Explosion Data – Sensitivity to Mechanical Impact: Not available
Explosion Data – Sensitivity to Static Discharge: Not available
Extinguishing Media: Treat for surrounding material.
Special Fire Hazards: Firefighters should wear self-contained breathing apparatus.

SECTION V – REACTIVITY DATA

Conditions for Chemical Instability: Stable
Incompatible Materials: Strong oxidizers, acids.
Reactivity, and Under What Conditions: None known. Do not mix with other chemicals. Hazardous polymerization does not occur.
Hazardous Decomposition Products: May include and are not limited to oxides of carbon when heated to decomposition.

SECTION VI – TOXICOLOGICAL PROPERTIES

Routes of Exposure: Eye, skin contact, ingestion.

EFFECTS OF ACUTE EXPOSURE:

Eye: May cause temporary irritation.
Skin: May cause temporary irritation.
Ingestion: May cause stomach distress, nausea or vomiting. Not likely to cause injury.

EFFECTS OF CHRONIC EXPOSURE:

Chronic effects: Non-hazardous by WHMIS/OSHA criteria.
Carcinogenicity: Non-hazardous by WHMIS/OSHA criteria.
Mutagenicity, Teratogenicity, Reproductive Effects: Non-hazardous by WHMIS/OSHA criteria.
Sensitization: Non-hazardous by WHMIS/OSHA criteria.
Synergistic Materials: Not available.
Prolonged or repeated exposure to concentrated surfactants can cause drying and/or dermatitis. Symptoms may include stinging, tearing, redness and temporarily blurred vision.

SECTION VII – ECOLOGICAL DATA

Ecotoxicity: None as supplied or as in use.
Biodegradability: Readily biodegradable.
Aquatic Toxicity: None known.
Environmental Effects: None known.

SECTION VIII – PREVENTATIVE MEASURES

Engineering Controls: General ventilation normally adequate.
Hand Protection: Rubber gloves recommended due to concentrated surfactants.
Eye / Face Protection: Safety glasses recommended due to concentrated surfactants.
Respiratory Protection: Not normally required if general ventilation is maintained.
Other Protective Equipment: As required by employer code.
Leak and Spill Procedure: Before attempting clean up, refer to hazard data given above. Stop leak if you can do so without risk. Small spills may be disposed of without special procedures. Prevent very large spills from entering sewers or waterways. If unsure, contact emergency services and supplier for advice. Never return spills to original containers for re-use.
Waste Disposal: Dispose in accordance with all applicable regulations.
Storage and Handling Requirements: Keep out of the reach of children. Store in a closed container away from incompatible materials.

SECTION IX – FIRST AID

Eye: Flush with cool water. Remove contact lenses, if applicable, and continue flushing. Obtain medical attention if irritation persists.
Skin: Flush with cool water. Wash with soap and water. Obtain medical attention if irritation persists.
Ingestion: Do not induce vomiting. Never give anything by mouth if victim is unconscious, or is convulsing. Obtain medical attention.

SECTION X – PREPARATION INFORMATION

Date: 07/31/2014

MSDS Prepared by: Sensible Life Products

Telephone: (905) 528-7474

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 or consequential damages which may result from the use of or reliance on any information contained in this document.