

**MATERIAL SAFETY DATA SHEET****SECTION 1 - PRODUCT SOURCE AND IDENTITY**

Supplier identity and address	Product description:	Date: July 14, 2004
ENVIROSAFE INC 78-6710 Donkey Mill Rd. Holualoa, Hawaii 96725	ESS Environment Safe Solution Purpose: RTU all purpose cleaner Proprietary Formula Code: ESI TA	
Fax number: 808-322-7822	Product information:	808-960-2650

**SECTION 2 - SHIPPING CLASSIFICATION**

Proper Shipping Name, Hazard Class, UN/NA Number Packing Group, Emergency Response Guide Number	Not Regulated
Labels required per 49 CFR 172.101:	None
Qualifies for "Limited quantity" per 49 CFR 173.150-.155:	Not applicable
Reportable Quantity ("RQ") per 49 CFR 172.101:	None or not possible in one non-bulk package

**SECTION 3- SAFETY RATINGS AND HAZARDOUS INGREDIENT INFORMATION**

Reporting required by Title III Sec 313, 40 CFR 372, 29 CFR 1910.1200	EXPOSURE LIMIT VALUES
CAS# 313 Material or Component	% RQ# TWA STEL
6834-92-0 No Disodium trioxosilicate	<5 None Not established

No component is listed in "THRESHOLD LIMIT VALUES AND BIOLOGICAL EXPOSURE INDICES FOR 2004" from ACGIH except as noted above. Components listed in TITLE III SEC 313 (EPCRA) are indicated by "Yes" above.

California criteria: Constituents qualifying as hazardous materials, substances or waste, other than above, if any, have been neutralized or denatured to a non hazardous condition. Regulations referenced: California Health & Safety Code Ch 6.95 Sec 25501(k) & (l), CCR Title 22, Sec 66261.21- .24, and Appendix X of 22 CCR Chapter 11, Article 4.

Emergency overview: Non scratching abrasive cleaner with solvent. Keep out of eyes.  
Avoid extended skin contact. Do not breathe dust or vapors. Keep lid on container when not in use.

Hazard Categories:	Health	Fire	Pressure	Reactivity	Reference 49 CFR 171.8, OSHA 29 CFR 1910.1200 and SARA 302/311/312/313.
Immediate	Yes	No	No	No	
Delayed	No	XXX	XXX	XXX	

HMIS Hazard ratings: Health 1 Fire 0 Instability 0 Other B (Glasses, gloves)

NFPA 704 Hazard Ratings: Health 1 Flammability 0 Reactivity 0 Special NA

Hazard Ratings: Least: 0 Slight: 1 Moderate: 2 High: 3 Extreme: 4

Threshold limit value: Not established on product.

TOSCA Status: All ingredients listed CERCLA RQ: See Sec 2.

California Prop. 65: None

**SECTION 4 - PHYSICAL AND CHEMICAL PROPERTIES**

Appearance:	Thin clear liquid	Flash point deg. F (cc):	None
Odor:	Non descript	Initial boiling point deg. C:	ND
Specific gravity:	>1	Vapor pressure 20 deg C:	ND
pH reaction:	Alkaline	Freezing point deg. C:	ND
% phosphorous:	Varies but always less than 1	Solubility in water:	100%
VOC Content:	Varies but always less than 50 g/l.		
California Rule 102 (66):	Contains no photo chemically active materials.		
Reproductive implications:	None		
Ingredients on cancer lists:	None		

**SECTION 5 - SAFE HANDLING AND STORAGE**

General	Alkaline cleaner. Keep out of eyes and off of skin.
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Totally Awesome Use standard industrial good practices.

Wipe up spills immediately.

Protective equipment	
Eyes	Safety glasses or goggles should be worn if there is possibility of eye contact.
Skin	Impermeable gloves such as rubber, PVC or neoprene are recommended.
Respiratory protection	None normally required. If risk of inhalation occurs, select and use equipment according to OSHA/NIOSH guidelines.
Ventilation	A well ventilated work environment is recommended.
Other	Keep lid on containers.

**SECTION 6- HEALTH SAFETY DATA**

Effects of chronic over exposure	
Eyes	None beyond acute irritation.
Skin	Can cause irritation from repeated exposure.
Inhalation	Mists may be irritating to breathing passages.
Ingestion	Not a likely source of chronic exposure.

**SECTION 7 - PHYSICAL STABILITY AND REACTIVITY DATA**

Explosive limits		Flash point: See Sec 4	
Upper	ND	Lower	ND
Chemical stability		Stable	
Hazardous polymerization		Cannot occur	
		Conditions to avoid: Exposure to heat and evaporation.	
		Hazardous decomposition products: None known	
		Incompatibility: Acids will reduce effectiveness.	

**SECTION 8- EMERGENCY RESPONSE PROCEDURES**

Fire	Extinguishing media		Use materials appropriate to the main source of the fire.
	Special procedures		None.
	Unusual hazards		None
First Aid	Eyes	Flush with water for at least 15 min. Seek medical attention if appropriate.	
	Skin	Wash exposed skin with soap and water until gone. Remove affected clothes rinse off product and wash clothes before reuse.	
	Inhalation	If affected, remove individual to fresh air, get medical attention at once if there is any discomfort.	
	Ingestion	Dilute by giving large amounts of milk or water. Get medical attention immediately. Do not induce vomiting.	
Spills	Small / large spill		Small amounts may be flushed to drain. Comply with federal, state and local regulations on reporting spills. Floors may be slippery. Keep out of waterways and storm sewers.

Product as made does not qualify as an "Unlisted Hazardous Waste" for disposal situations.

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