

**MSDS - Material Safety Data Sheet****Product Name: STEP 1 WASH****MSDS No.: TG-SIW****I. Basic Information:**

**Manufacturer:** HR TOUGHGUARD  
**Address:** 9430 SW Coral Street, Suite 202-B  
**City, ST Zip:** Portland, OR 97223

Emergency / Information 800-456-4743

**Last Update:** 10/25/2012

24 HOUR EMERGENCY

**Chemical State:**  Liquid  Gas  Solid

CHEMTREC 800-424-9300

**Chemical Type:**  Pure  Mixture**II. Ingredients:**

CAS No.	Chemical Name	% Range	EHS	NTP	IARC	SARA SUB Z 313	OSHA PEL	ACGIH TLV	Other Limits
1351724	Disodium trioxosilicate						n/a	n/a	
122190	OCTADECYL DIMETHYL BENZYL AMMONIUM CHLORIDE						n/a	n/a	n/a
6843946	alcohol ethoxylate						none	none	none

**III. Hazardous Identification:**

HEALTH	1
FLAMMABILITY	0
REACTIVITY	0
PERSONAL PROTECTION	

**IV. First Aid Measures:****Route(s) of Entry:**

Eyes, Ingestion

**Health Hazards (Acute and Chronic):**

Eyes-irritation./Ingestion-possible diarrhea.

**Signs and Symptoms:**

smarting, redness.

**Medical Conditions Generally Aggravated by Exposure:**

none known

**Emergency and First Aid Procedures:**

Eyes-Rinse with water for 15 minutes. /Ingestion-give plenty of water.

**Other Health Warnings:****V. Fire Fighting Measures:****Flash Point:** none **Lower Explosive Limit:** n.a **Upper Explosive Limit:** n/a**Fire Extinguishing Media:** Will not burn.

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**Special Fire Fighting Procedures:**

n/a

**Unusual Fire and Explosion:**

n/a

## VI. Accidental Release Measures:

**Steps to be Taken in Case Material is Released or Spilled:**

Mop and rinse with water.

## VII. Handling and Storage:

**Precautions to be Taken:**

Avoid excessive heat and avoid freezing.

## VIII. Exposure Controls/Personal Protection:

**Ventilation Requirements:**

Mechanical

**Personal Protective Equipment:**

Rubber gloves.

## IX. Physical and Chemical Properties:

**Boiling Point:** >100C

**Melting Point:** n/a

**Evaporation Rate:** 1

**Vapor Pressure (mm Hg.):** 1

**Vapor Density (AIR = 1):** 1

**Specific Gravity (H2O = 1)** 1.00

**Solubility In Water:** 100%

**Appearance and Odor:** clear liquid, slight detergent odor

**Other Information:**

## X. Stability and Reactivity:

**Stability:**

Stable

**Incompatibility (Materials to Avoid):**

n/a

## XIII. Disposal Considerations:

Dispose according to Local, State and Federal regulations.

## XIV. Transport Information: