

SDS Date: 1- 19-2017

Product Name: Tiger Soap

Manufacturer: Crenshaw Enterprises, Ltd.

1. Identification of the Substance or Mixture and of the Supplier

Crenshaw Enterprises, Ltd.

1313 Gulf Street

Beaumont, TX 77701

Emergency Phone: (409)-832-9336

Product Use: Detergent

2. Hazard Identification

Emergency Overview:

GHS Label elements, including precautionary statements Emergency Overview



PRODUCT AS SOLD

Signal Word

Danger

Hazard Statements

- May cause irritation including skin drying, dermatitis or cracking.
- Contact with eye may cause irritation, redness and burns.
- May cause irritation to the respiratory tract and mucous membranes.
- Causes burns to the gastrointestinal tract if swallowed.

		
Appearance Green	Physical State Liquid	Odor Detergent

Product is corrosive.

Precautionary Statements Prevention

- Wear protective gloves and clothing
- Do not breathe mist
- Wash face, hands, and any exposed skin thoroughly after handling

### 3. Composition/Information on Ingredients

**Toxic Substance Control Act(TSCA):** All components are included in the inventory or are not required to be listed.

**State:** The components identified with an X are present on the respective state's Right to Know lists:

COMPONENTS	MA	PA	MI	NJ	IL
Sodium Hydroxide					
Sodium Metsilicate				X	
Soda Ash					
Proprietary Components #1	X	X			
Proprietary Components #2	X	X			
Proprietary Components #3					
Proprietary Components #4		X			

**California Prop.65:**None of the chemicals in this product are listed.

### 4. First Aid Measures

#### First Aid Measures for Accidental Exposure:

##### **Eye Exposure:**

Immediately flush eyes with plenty of water. Get medical attention, if irritation persists. Remove contact lenses after flushing.

##### **Skin Exposure:**

Wash affected area with soap and water. Get medical attention if irritation develops or persists.

##### **Inhalation:**

Remove to fresh air. Seek medical attention if respiratory irritation develops or if breathing becomes difficult.

##### **Ingestion:**

Give large quantities of water. Never give anything by mouth to an unconscious person. Get medical attention.

**5. Fire-Fighting Measures****Fire Hazard Data:****Flash Point:** None**Ignition Temperature:** ND**Flammability Limits:** Lower; N/A Upper: N/A**Extinguishing Media:** Use media appropriate for surrounding fire.**Special Fire Fighting Procedures:**

In the event of fire, wear full protective gear and NIOSH-approved self-contained breathing apparatus with full face piece operated in the pressure demand or other positive **pressure mode**.

**Unusual Fire and Explosion Hazards:**

Concentrated product can react with aluminum, zinc, and magnesium to release hydrogen gas which can form explosive mixtures with air.

**Hazardous Decomposition Materials (UNDER FIRE CONDITIONS):**

Combustion produces oxides of carbon, phosphorus, sulfur dioxide, oxides of sulfur, and sulfuric acid.

**6. Accidental Release Measures****Cleanup and Disposal of Spill:**

Wearing proper personal protective equipment, stop the leak, if possible. Keep unauthorized persons away from spill area. Keep spill from entering sewers, soil, or waterways. Once contained spread absorbent material over area. Dispose of Federal, State or local regulations.

**7. Handling and Storage****Handling:**

Use with adequate ventilation. Avoid inhalation, and contact with eyes or skin. DO NOT USE UNDILUTED( AT LEAST 50 TO 1) on aluminum or latex surfaces.

**Storage:**

Store in a well ventilated, cool dry place. Keep containers **closed**. **Avoid excessive heat**.

**8. Exposure Controls/Personal Protection****Exposure Guidelines:**

Components	Exposure limits		
	ACGIH	NIOSH	OSHA-PELs
Sodium Hydroxide	2mg/m3 TWA	2mg/m3 TWA	2mg/m3 TWA

Sodium Metasilicate	ND	ND	ND
Soda ash	ND	ND	ND
Proprietary Component# 1	1mg/m3 TWA 2mg/m3 STEL	ND	1mg/m3 TWA
Proprietary Component# 2	ND	ND	ND
Proprietary Component# 3	1mg/m3 TWA 3mg/m3 STEL	1mg/m3 TWA	1mg/m3 TWA
Proprietary Component# 4	1mg/m3 TWA 3mg/m3 STEL	ND	1mg/m3 TWA 3mg/m3 STEL
Water	N/A	N/A	N/A

**Engineering Controls:**

Ventilation must be adequate to maintain the ambient workplace atmosphere below the exposure limits outlined in the SDS.

**Respiratory Protection:**

Follow the OSHA respirator regulations found in 29CFR 1910.134 or European Standard EN 149. Always use NIOSH or EN approved respirator when necessary.

**Eye / Face Protection:**

Wear appropriate safety glasses with side shields or chemical goggles as described by OSHA's eye and face protection regulation in 29CFR 1910.133 or European Standard EN 166.

**Skin Protection:**

Chemical resistant gloves recommended, such as neoprene or nitrile rubber. Body covering clothing should be utilized.

9. Physical and Chemical Properties
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**Physical Appearance:** Clear Green Liquid

**Odor:** Characteristic

**pH:** 13.9

**Specific Gravity:** 1.04

**Water Solubility:** Soluble

**Melting Point Range:** ND

**Boiling Point Range:** 100C

**Vapor Pressure:** ND

**% Volubility by Weight:** 95

**10. Stability and Reactivity**

**Chemical Stability:** Stable under standard use and storage conditions.

**Conditions to Avoid:** None

**Material / Chemical to be Avoided:** Strong acids

**Hazardous Decomposition Products:** None

**Hazardous Polymerization:** Should not occur

**11. Toxicological Information****Acute Oral Toxicity:**

**For Sodium Hydroxide** LD50: 500 mg/kg (rabbit)

**For Sodium Metasilicate** LD50: 1153 mg/kg (rat)

**For Soda Ash:** LD50: 4090mg/kg (rat)

**For Proprietary Component #1** LD50: 4mg/kg (rat)

**For Proprietary Component #2** LD50: 707mg/kg (rat)

**For Proprietary Component #3** LD50:2140mg/kg (rat)

**Acute Dermal Toxicity:** For Proprietary Component#2 LD50: 12.3 mg/kg (rabbit)

**Acute Inhalation Toxicity:** For Proprietary Component #3 LD50: 510 mg/kg (mouse)

**12. Ecological Information**

**Ecotoxicological Information: Degradation; Accumulation; Fish Toxicity** Not Determined

**Chemical Fate Information:** Not Determined

**13. Disposal Considerations**

**Waste Disposal Method:** Discard any product, residue, disposable container or liner in full compliance with federal, state and local regulations.

**Container Handling and Disposal:** Dispose of container and unused contents in accordance with federal, state, and local regulations.

**14. Transportation Information****U S Department of Transportation Shipping Name:**

**Proper Shipping Name:** Corrosive Liquid, N. O. S.(contains sodium hydroxide)

**Hazard Class:** 8

ID Number: UN 1760

Packaging Group: II

**15. Regulatory Information****Federal Regulations:****SARA Title III Hazard Classes:**

Fire Hazard NO

Reactive Hazard NO

Release of Pressure: NO

Acute Health Hazard: YES

Chronic Health Hazard: NO

SARA Section References: Section 302 Reportable Quantity (RQ)

Sodium Hydroxide (1,000lbs.)

Phosphoric Acid (5,000lbs.)

1,4 Dioxane (100lbs.)

Section 302 (TPQ) None of the chemicals in this product have a TPQ.

**16. Other Information on Preparation and Revision of SDS**

Prepared By Crenshaw Enterprises, Ltd.

1313Gulf Street

Beaumont, TX 77701

Issuing Date 30-Sept-2003

Revision Date 19-Jan-2017

Revision Note Update

**General Disclaimer**

The information provided on this SDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

**End of Safety Data Sheet**