

# MATERIAL SAFETY DATA SHEET

#5402

## Section One Product and Company Information

**Product Name:** Top Option H.D. Non Ammoniated Stripper

**Date:** August 30, 2011 (version 2)

**CAS#:** Mixture **Formula:** (566N-23A)

**Distributed by:** Mission Janitorial Supplies

**Product Technical Information:** 1-816-233-1321, ext. 8285

9292 Activity Road

**Medical/Handling Emergency:** 1-816-233-1321, ext. 8285

San Diego, CA 92126-4425

**Transportation Emergency:** Chemtrec 1-800-424-9300 (Only in the event of a chemical emergency involving a spill, leak, fire, exposure or accident involving chemicals)

## Section Two Composition/Information on Ingredients

Components	CAS#	OSHA PEL	ACGIH TLV	OTHER LIMITS RECOMMENDED	%
<b>(Specific Chemical Identity:</b>					
<b>Common Name(s))</b>					
Sodium metasilicate (1)	6834-92-0	N/E	N/E	2 mg/M <sup>3</sup>	5-10
Ethanolamine (2)	141-43-5	3 ppm	3 ppm	N/A	3-5
Water	7732-18-5	None	None	N/A	---
Benzyl alcohol (3)	100-51-6	N/E	N/E	N/A	---
Sulfonated Oleic Acid Sodium Salt	68443-05-0	None	None	N/A	---
(1) Exposure may be elevated as ceiling for Sodium hydroxide per OSHA: PEL = 2 mg/M <sup>3</sup> or TLV = 2 mg/M <sup>3</sup> .					
(2) Regulated by OSHA and the following states: CA, CT, FL, ID, IL, LA, MA, ME, MN, NJ, PA, RI, WA, WI.					
(3) Regulated by the following states: FL, MA, PA.					
VOC (concentrate) = 6%; VOC (Min. Dilution 1:12) = 0.46%					
N/A= Not applicable N/E= Not established					

## Section Three Hazards Identification

**(1. Acute and 2. Chronic)**

1. Direct contact with concentrate in eyes can cause severe irritation and damage.

2. Prolonged and repeated exposure to skin may produce irritation or damage. Inhalation of vapors may result in varying degrees of irritation.

## Section Four First Aid Measures

**Eye/Skin Contact:** Immediately flush eyes or skin with plenty of water for at least 15 minutes; remove contact lenses and flush eyes with water again; GET MEDICAL ATTENTION. Remove all contaminated clothing; wash before reuse. **If swallowed:** do not induce vomiting; immediately give large amounts of water and CALL A PHYSICIAN, hospital emergency room or poison control center. **Inhalation:** Remove victim to fresh air; if respiratory tract remains irritated call a physician.

## Section Five Fire Fighting Measures

**Flash Point (Method):** None (T.C.C.) **Flammable Limits:** LEL = N/A UEL = N/A

**Extinguishing Media:** Water, carbon dioxide, dry chemical or foam

**Special Fire Fighting Procedures:** Normal fire fighting procedures may be used. Cool and cautiously approach or handle fire-exposed containers.

**Unusual Fire and Explosion Hazards:** N/A

## Section Six Accidental Release Measures

**Steps To Be Taken In Case Material Is Released Or Spilled:** Absorb with floor dry or similar inert material. Sweep or scrape up and put in appropriate container. Rinse spill area thoroughly with water. Use appropriate protective equipment.

**Waste Disposal Method:** Disposal is regulated by the Resource Conservation and Recovery Act; concentrate is corrosive per EPA Hazardous Waste classification. Disposal of regulated quantities should be neutralized at a permitted facility in accordance with all federal, state and local requirements.

## Section Seven Handling and Storage

**Handling:** Keep container closed when not in use. Container disposal: Triple rinse (or equivalent), then offer clean, dry container for recycling or reconditioning.

**Storage:** Store in original container in a cool, dry, well-ventilated area away from sources of ignition. Store away from food or feed. Containers should be kept tightly closed when not in use. Keep in an area inaccessible to small children.

**Other Precautions:** Do not use with fog mist or fine droplet sprayer without respiratory protection. This product contains no reportable quantities of toxic chemicals subject to reporting requirements of Section 313 of SARA Title III Emergency Planning and Community Right to Know Act of 1986 and 40 CFR Part 372.

## Section Eight Exposure Controls/Personal Protection

**Personal Protective Equipment: Respiratory:** Ventilate to keep air concentration below TLV on ethanolamine or metasilicate.

Local exhaust= Recommended. Mechanical (General)= Recommended. Special = N/A. Other = N/A. **Gloves:** Impervious gloves when working with concentrate.

**Eye Protection:** Chemical safety goggles when working with concentrate. **Other Protective Clothing or Equipment:** Impervious to water and alkaline liquid where concentrate is a concern. **Work/Hygienic Practices:** Wash hands thoroughly after handling.

## Section Nine Physical/Chemical Properties

<b>Boiling Point</b>	205° F	<b>pH(concentrate)</b>	12 – 13	<b>Color</b>	Clear brownish red liquid
<b>Specific Gravity</b>	1.06	<b>Odor</b>	Non-objectionable odor	<b>Solubility in Water</b>	Complete
<b>Density</b>	8.82 lb/gal.	<b>Vapor Pressure (mm Hg)</b>	17.2	<b>Vapor Density (AIR=1)</b>	0.76
<b>% Volatile by Weight</b>	90 – 91	<b>Evaporation Rate (ethyl ether=1)</b>	Slower than 1		

**Section Ten**      **Stability and Reactivity**

**Stability:** This product is stable at ambient temperatures and atmospheric pressures. It is not self-reactive and has a shelf life of at least two years under sealed conditions. Conditions to avoid are temperatures above 130° F or below 32° F. **Hazardous Decomposition Products:** When exposed to fire, produces normal products of combustion. **Dangerous Polymerization:** Will not occur. **Conditions to avoid:** None known to manufacturer  
**Incompatibility (Materials to Avoid):** Oxidizing materials and strong acids

**Section Eleven**      **Toxicology Information**

**Acute Toxicity:** This product has not been evaluated for its acute toxicology profile.  
**Chronic Toxicity:** This product has not been evaluated for its chronic toxicology profile.  
**Carcinogenicity:** This product does not contain a listed carcinogen from NTP, ACGIH, NIOSH or IARC.  
**Irritation:** This product can be expected to be a skin and eye corrosive. No skin sensitization data is currently available.

**Section Twelve**      **Ecology Information**

**Ecotoxicity:** The ecological toxicity of this product is not known.

**Section Thirteen**      **Disposal Considerations**

**Waste Disposal:** Material that cannot be used according to label direction and is destined for disposal should be disposed of in accordance with all applicable regulations. Empty containers should be triple rinsed and offered for recycling or reconditioning, or disposed of in a sanitary landfill or for small containers (1 gallon or less), may be wrapped and discarded in trash. Waste generators are required to evaluate all waste material to determine if it is hazardous by characteristics or listing for compliance with RCRA and any local disposal procedures and regulations. NOTE: State and local regulations may be more stringent than Federal regulations.  
**EPA Hazardous waste number/code:** Not listed  
**Hazardous waste characteristics:** **Ignitability** = Not applicable; **Corrosivity** = Yes; **Reactivity** = Not applicable

**Section Fourteen**      **Transport Information**

**Applicable regulations:** DOT = Yes; IMCO = No; IATA = No  
**Proper shipping name:** Corrosive Liquids, N.O.S., (Sodium Metasilicate); UN No.: 1760; **Limited Qty.:** Not applicable;  
**Package Label** = Corrosive    **Hazard Class** = 8    **Package Group** = II  
**EPA Hazardous waste/number code:** not listed  
**Hazardous waste characteristics:** **Ignitability** = not applicable; **Corrosivity** = yes; **Reactivity** = not applicable

**Section Fifteen**      **Regulatory Information**

**Toxic Substances Control Act (TSCA):** All of the components intentionally added to this product are listed on the on the U.S. EPA TSCA inventory.  
**SARA Title III**  
**Section 302:** This product contains the following chemicals subject to SARA 302 reporting: None.  
**Section 311/312:** This product is classified as an "immediate (acute) health hazard".  
**Section 313:** none

**OSHA Hazard Communication Standard (29 CFR 1910.1200):** This product is hazardous by definition of the Hazard Communication Standard.

**NPCA Hazardous Material Identification System (HMIS Rating)**

Health    3    Flammability    0    Physical Hazard    0    Personal Protective Eqpt.    B

**State Regulations**

See "Section Two Composition" for listing of hazardous and top five ingredients present in concentration greater than 1%.  
**California Proposition 65** Components of this product present at a concentration that could require reporting under this statute are: None.

**Section Sixteen**      **Other Information**

**NO REPRESENTATIONS OR WARRANTIES, EITHER EXPRESS OR IMPLIED, OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR OF ANY NATURE ARE MADE WITH RESPECT TO THE PRODUCT(S) OR INFORMATION CONTAINED IN THIS MATERIAL SAFETY DATA SHEET.**

The information and recommendations contained in this Material Safety Data Sheet are supplied pursuant to 29 CFR 1910.1200 of the Occupational Safety and Health Standards Hazard Communication Rule. All information contained herein is presented in good faith and is believed to be appropriate and accurate.

**THE BUYER OR USER ASSUMES ALL RISKS ASSOCIATED WITH THE USE, MISUSE OR DISPOSAL OF THIS PRODUCT. THE BUYER OR USER IS RESPONSIBLE TO COMPLY WITH ALL FEDERAL, STATE OR LOCAL REGULATIONS CONCERNING THE USE, MISUSE OR DISPOSAL OF THESE PRODUCTS.**

**Version 2, \* Denotes revisions since last published MSDS. Supersedes Version 1 February 29, 2008**