



UTILITY MANUFACTURING CO., INC.  
700 MAIN STREET, WESTBURY, NY 11590  
(516) 997-6300 - FAX # (516) 997-6345

## MATERIAL SAFETY DATA SHEET

### BOILER COLLOID

**FOR CHEMICAL EMERGENCY:** Spill, Leak, Fire, Exposure, or Accident - Call **INFOTRAC** - Day or Night: **1-800-535-5053**  
**THIS MSDS COMPLIES WITH 29 CFR 1910.1200** (HAZARD COMMUNICATION STANDARD) **IMPORTANT:** Read this MSDS before handling & disposing of this product. Pass this information on to employees, customers and users of this product.

#### PRODUCT IDENTIFICATION

<b>DOT Shipping name:</b>	CLEANING COMPOUNDS, NOI	<b>CAS NO.:</b>	MIXTURE
<b>Chemical Family:</b>	SODIUM SILICATES	<b>UN/NA #:</b>	N/A
<b>DOT Hazard Class:</b>	NOT REGULATED	<b>DATE OF ISSUE:</b>	4/08

#### SECTION I - HAZARDOUS INGREDIENTS/EXPOSURE LIMITS

Hazardous Ingredients:	CAS #	TLV/PEL	AGENCY	TYPE	SARA-313(% Range)
SODIUM SILICATE	1344-09-8	NOT ESTABLISHED			

#### SECTION II - EMERGENCY AND FIRST AID PROCEDURES

**EYE CONTACT:** Immediately flush eyes with a directed stream of water for at least 15 minutes. **Seek medical attention.**  
**SKIN CONTACT:** Remove contaminated shoes and clothing and cleanse affected areas thoroughly by washing with mild soap and water. If irritation occurs, **seek medical attention.**  
**INHALATION: (breathing)** Not expected to be a hazard under normal operating conditions..  
**INGESTION: (swallowing)** DO NOT INDUCE VOMITING. If swallowed, give large quantities of water or milk **and seek emergency medical attention.** Do not give anything by mouth to an unconscious person.

#### SECTION III - HEALTH HAZARDS / ROUTES OF ENTRY

**EYE CONTACT:** One or more components of this material may be an eye irritant.  
**SKIN CONTACT:** Continuous contact with this material may cause irritation of skin. Chemical itself is an irritant or sensitizer.  
**INHALATION: (breathing)** May cause coughing, sneezing or other symptoms of upper respiratory irritation.  
**INGESTION: (swallowing)** Ingestion of large quantities may cause the following: Irritation of digestive tract mouth and throat.

#### SECTION IV - SPECIAL PROTECTION INFORMATION

**VENTILATION:** If current ventilation practices are not adequate to maintain airborne concentrations below established exposure limits (see section I), additional ventilation or exhaust systems may be required.  
**RESPIRATORY PROTECTION:** The use of respiratory protection is advised when concentrates exceed the established exposure limits (see Section I). Depending on the airborne concentration use a respirator or gas mask with appropriate cartridges or canisters (NIOSH approved) or supplied air.  
**PROTECTIVE GLOVES:** The use of gloves impermeable to the specific material handled is advised to prevent possible irritation.  
**EYE PROTECTION:** Approved eye protection to safeguard against potential eye contact, irritation or injury is recommended.

#### SECTION V - REACTIVITY DATA

**STABILITY:** Stable  
**INCOMPATIBILITY:** (materials to avoid) This product is incompatible with: *Oxidizing agents, strong acids and bases*  
**HAZARDOUS DECOMPOSITION PRODUCTS:** None. Contact with acids will cause gelling and generate heat.  
**// HAZARDOUS POLYMERIZATION:** Will not occur

#### SECTION VI - SPILL OR LEAK PROCEDURES

**PRECAUTIONS IN CASE OF LEAK OR SPILL:** Keep all sources of ignition and hot metal surfaces away from spill/release. Stay upwind and away from spill/release. Isolate hazard area and limit entry to emergency crew only. Stop spill/release if it can be done without risk. Wear appropriate protective equipment including respiratory protection as conditions warrant (see Section IV). Prevent spilled material from entering sewers, storm drains, and natural waterways. Dike far ahead of spill for later recovery and disposal. Spilled material may be absorbed by an appropriate absorbent. Notify fire authorities and appropriate federal, state, and local agencies. If spill/release is excess of EPA reportable quantity, immediately notify the **National Response Center**. Phone **800-424-8802**  
**WASTE DISPOSAL METHOD:** Dispose of product in accordance with local, county, state, and federal regulations.

#### SECTION VII - STORAGE AND SPECIAL PRECAUTIONS



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**HANDLING AND STORAGE PRECAUTIONS:** Do not get in eyes, skin or clothing. Do not breathe vapor mist or gas. Keep containers tightly closed, cool, dry, and away from all sources of ignition. Use and store this product with adequate ventilation. Avoid inhalation of vapors and personal contact with the product. Use good personal hygiene practices. Bond and ground equipment when transferring to another container. "Empty" containers contain residue (liquid and/or vapor) and can be dangerous. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose such containers to heat, flame, sparks, or other sources of ignition. They may explode and cause injury and death. Empty drums should be completely drained, properly bunged, and promptly shipped to the supplier or drum reconitioner. All other containers should be disposed of in an environmentally safe manner and in accordance with governmental regulations. Before working in or on tanks which contain or has contained this product, refer to **OSHA** or **ANSI Z49.1** regulations and other governmental and industrial references pertaining to cleaning, repairing, welding, or other contemplated operations.

**SECTION VIII - FIRE AND EXPLOSION HAZARD DATA**

**EXTINGUISHING MEDIA:** Extinguish with dry chemical, CO<sub>2</sub>, or a universal type foam.  
**FIRE AND EXPLOSION HAZARD:** May decompose during contact with flames, heating elements, or in combustion engines releasing irritating gases. Container may explode if heated due to resulting pressure rise.  
**FIRE FIGHTING PROCEDURES:** Wear appropriate protective equipment including respiratory protection as conditions warrant (see **Section IV**). Stop spill/release if it can be done without risk. Water spray may be useful in minimizing or dispersing vapors and cooling equipment exposed to heat and flame. Avoid spreading burning liquid with water used for cooling purposes.

**SECTION IX - PHYSICAL DATA**

<b>APPROXIMATE BOILING POINT (DEG F):</b>	214	<b>PER CENT VOLATILE:</b>	0
<b>SPECIFIC GRAVITY (68 F):</b>	1.4	<b>FLASH POINT (TCC, DEG F):</b>	N/A
<b>RELATIVE EVAPORATION RATE (ESTIMATED):</b>	N/A	<b>PER CENT SOLUBILITY IN WATER:</b>	100
<b>VAPOR PRESSURE @20C mmHg (CALCULATED):</b>	N/A		

**SECTION X - OTHER REGULATORY DATA**

<b><u>SARA</u></b>		<b><u>HMIS</u></b>	
<i>SECTION 302:</i>	NOT LISTED	Health:	2
<i>SECTION 311 &amp; 312:</i>	N/A	Flammability:	0
<i>SECTION 313:</i>	See Section I.I	Reactivity:	0
<b><u>TSCA</u></b>	All components are in full compliance with the TSCA inventory.	<b><u>CALIFORNIA PROPOSITION 65</u></b>	
<b><u>RCRA</u></b>	Waste material would be a D001	NOT LISTED	
		<b><u>CERCLA</u></b>	
		NOT LISTED	

**CARCINOGENICITY:**  
 NOT LISTED with NTP or IARC.

NOTICE

The supplier disclaims all expressed or implied warranties of merchantability or fitness for a specific use, with respect to the product or the information provided herein, except for conformation to contracted specifications. All information appearing herein is based upon data obtained from manufactures and/or recognized technical sources. While the information is believed to be accurate, we make no representations as to its accuracy or sufficiency. Conditions of use are beyond our control, and therefore users are responsible for verifying the data under their own operating conditions to determine whether the product is suitable for their particular purposes and they assume risks of their use, handling, and disposal of the product. Users also assume all risks in regards to the publication or use of, or reliance upon, information contained herein. This information relates only to the product designated herein, and does not relate to its use in combination with any other material or process.