

# MATERIAL SAFETY DATA SHEET



**Product Name: MINNCLEAN<sup>®</sup> TF**

EMERGENCY PHONE #: 1-800-424 9300

CHEMTREC

## I. IDENTIFICATION

<b>Chemical Name and Synonyms:</b>	Not applicable	<b>DOT Shipping Name</b>	Disodium trioxosilicate, mixture		
<b>Chemical Family:</b>	Alkaline cleaning compound	<b>DOT Hazard Class &amp; I.D. Number</b>	<b>#</b>	<b>PG</b>	
		Corrosive Material UN3253	8	III	

## II. HAZARDOUS INGREDIENTS

Component	CAS NO.	%	TLV	PEL	Toxic	Hazard
Sodium Metasilicate, Penta.	6834-92-0	1-10	Not established	Not established	NA	Irritant to eyes and mucous membranes
Trisodium Phosphate	87601-54-9	1-10	Not established	Not established	NA	Irritant to eyes, skin and Mucous membrane
Sodium Carbonate	0497-19-8	1-10	Not established	Not established	NA	Eye irritant

\*\* Toxic chemical subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 (40 CFR §372). NA: Not Applicable

## III. PHYSICAL DATA

<b>Boiling point:</b>	Not applicable	<b>Form:</b>	Solid	<b>pH, Neat:</b>	11.2 – 11.4
<b>Specific gravity:</b>	Not applicable	<b>Solubility In Water:</b>	Complete		
<b>Appearance:</b>	White powder	<b>Odor:</b>	None		

## IV. FIRE AND EXPLOSION HAZARD DATA

**Flashpoint:** Not applicable

**Extinguishing media:** Non flammable. Use media appropriate to surrounding fire

**Special fire fighting procedures:** Although this product is not combustible, if a fire occurs in the near vicinity, good fire-fighting practice dictates the use of self-contained breathing apparatus and other protective gear.

**Unusual fire and explosion hazards:** None Known

## V. HEALTH HAZARD DATA

**Carcinogenic:** The raw materials used in the product are not considered to be a carcinogen by ACGIH and OSHA.

**Effects of over-exposure:** Can cause burns to eyes. Skin contact with product will cause irritation and burns. Inhalation — not an expected route to exposure. Inhalation of dust may irritate and may damage upper respiratory tract and lungs. Harmful if swallowed.

**Emergency and first aid procedures:**

**EYES:** Flush immediately with water for 15 minutes, raise eyelids for complete rinsing. GET IMMEDIATE MEDICAL ATTENTION.

**SKIN:** Flush with water for at least 15 minutes. If irritation persists, GET MEDICAL ATTENTION. Remove contaminated clothing and wash before reuse

\* NFPA Degree or Hazard: 4 = Extreme; 3 = High; 2 = Moderate, 1 = Slight; 0 – Insignificant Continued on Back

**INHALATION:** Remove to fresh air. Call a physician.

**INGESTION:** DO NOT induce vomiting. Rinse mouth with water and give 1 or 2 large glasses of water or milk. GET IMMEDIATE MEDICAL ATTENTION. Never give anything by mouth to an unconscious person.

## VI. REACTIVITY DATA

Stability - Unstable:  Stable:

Conditions to avoid: Extreme humidity

Incompatibility: Strong acids, aluminum, tin lead and zinc. (Materials to Avoid)

Hazardous decomposition products: None known

## VII. SPILL OR LEAK PROCEDURES

Steps to be taken  
case material is  
released or spilled:

As provided, this product does not meet the definition of hazardous waste under the U.S. EPA Hazardous Waste Regulations 40CFR261. Solutions of this product may be corrosive, hazardous waste – Class D003. Prevent additional discharge of materials if possible to do without hazard. Sweep up and containerize. Flush spill area with water and neutralize with dilute acid. Wear/use appropriate protective equipment. Keep out of sewers and open bodies of water.

Waste disposal method:

Dispose of this product according to local, state or federal regulations.

## VIII. SPECIAL PROTECTION INFORMATION

Respiratory  
protection:

Respiratory protection is not required for normal use. If dust level is high, wear NIOSH approved respirator.

Ventilation:

General dilution ventilation.

Protective gloves:

Rubber gloves

Eye protection:

Safety glasses and /or goggles.

Protective clothing:

If contact is likely, rubber apron, face shield and boots.

## IX. SPECIAL PRECAUTIONS

Precautions to be taken  
in handling and storing:

Store in a cool, dry location.

Other precautions:

Safety showers and eyewash stations should be provided in the areas where this product is handled.

## X. REVISED INFORMATION

MSDS Status:

Revised: 1/19/99

Supersedes: