

# MATERIAL SAFETY DATA SHEET

Manufactured for  
Thermo Fischer Scientific  
2555 Kerper Boulevard  
Dubuque, Iowa 52001  
Phone: 1-800-446-6060

Hazard Rankings -\* NFPA

Health Hazard 1  
Flammability 0  
Reactivity 0

\*See bottom of page

**Product Name: CMX25**  
**CLEANING SOLUTION**  
**NANOpure**

**Emergency Phone #1-800-535-5053**

## 1. IDENTIFICATION

**CHEMICAL NAME AND SYNONYMS:**

Not applicable

**CHEMICAL**

**FAMILY:** Cleaners

**DOT SHIPPING NAME:**

Not applicable

**DOT HAZARD CLASS AND I.D. NUMBER:**

Not applicable

## II. HAZARDOUS INGREDIENTS

COMPONENT	CAS NO.	%	TLV	PEL	TOXIC	HAZARD
Chloramine-T, trihydrate	7080-50-4	0-2	N/A	N/A	N/A	Harmful if swallowed or inhaled
Distilled Water	7732-18-5	98-99	N/A	N/A	N/A	

\*\*Toxic chemical subject to reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR 372.

## III. PHYSICAL DATA

**BOILING POINT:** 212 F  
**SPECIFIC GRAVITY:** 1.004  
**APPEARANCE:** Colorless  
**pH:** 7.14

**FORM:** Liquid  
**SOLUBILITY IN WATER:** Complete  
**ODOR:** Chlorine-like odor

## IV. FIRE AND EXPLOSION HAZARD DATA

**FLASH POINT:** Not Applicable.

**EXTINGUISHING MEDIA:** Use any means suitable for extinguishing 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.

## V. HEALTH HAZARD DATA

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

**EFFECTS OF EXCESSIVE EXPOSURE:** Inhalation can cause irritation of mucous membranes and upper respiratory tract. Causes irritation to the gastrointestinal tract. Causes irritation to skin. Causes irritation, redness, and pain to eyes. Persons with impaired respiratory function may be more susceptible to the effects of the substance.

**EMERGENCY AND FIRST AID PROCEDURES:** **EYE:** Immediately flush with water for 15 minutes. GET PROMPT MEDICAL ATTENTION.  
**SKIN:** Flush with plenty of water. If irritation persists, GET MEDICAL ATTENTION.  
**INGESTION:** Do not induce vomiting. Drink large quantities of water. GET MEDICAL ATTENTION.  
**INHALATION:** Remove to fresh air and provide oxygen if needed. GET MEDICAL ATTENTION.

\*NFPA Degree or Hazard: 4=Extreme; 3=High; 2=Moderate; 1=Slight; 0=Insignificant

### VI. REACTIVITY DATA

**STABILITY - Unstable:**                      **Stable:** X

**CONDITIONS TO AVOID:** Heat, flame, ignition sources, air, incompatibles

**INCOMPATIBILITY:**

(MATERIALS TO AVOID) Strong oxidizers, strong acids, ammonia and ammonium salts.

**HAZARDOUS**

**POLYMERIZATION:** Will not occur.

### VII. SPILL OR LEAK PROCEDURES

**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:** Small spills, absorb with inert item. Large spill, dike, and soak up residues with inert item.

**WASTE**

**DISPOSAL**

**METHOD:** Dispose of in a manner acceptable to good waste management practice and in compliance with any applicable local, state and federal regulations.

### VIII. SPECIAL PROTECTION INFORMATION

**RESPIRATORY**

**PROTECTION:** A system of local and/or general exhaust is recommended.

**VENTILATION:** Adequate to keep airborne concentrations low.

**PROTECTIVE GLOVES:** Disposable vinyl/latex gloves suggested.

**EYE PROTECTION:** Safety glasses recommended.

**PROTECTIVE**

**CLOTHING:** Wear impervious protective clothing to prevent skin contact.

### IX. SPECIAL PRECAUTIONS

**PRECAUTIONS**

**TO BE TAKEN**

**IN HANDLING AND STORING:** Keep in a tightly closed container. Store in a cool, dry ventilated area away from sources of heat or ignition.

**OTHER**

**PRECAUTIONS:** KEEP OUT OF REACH OF CHILDREN. Wash hands thoroughly after handling product.

**REVISED:**02/25/08

**NOTICE: NO REPRESENTATIONS OR WARRANTIES, EITHER EXPRESS OR IMPLIED, OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR OF ANY OTHER NATURE, ARE MADE WITH RESPECT TO INFORMATION CONCERNING THE PRODUCT REFERRED TO IN THIS MATERIAL SAFETY DATA SHEET.**

The opinions expressed herein are those of qualified experts of our suppliers. We believe that the information contained herein is current as of the date of this Material Safety Data Sheet. Since the use of this information and these opinions and the conditions of use of the product are not within our control or the control of authorized distributors, it is the user's obligation to determine the conditions of safe use of this product.