

# MATERIAL SAFETY DATA SHEET

## Section 1 Product Identification

**Product Name:** CST 401-P Manual & Ultrasonic Instrument Detergent

**Supplier:** Complete Solutions Technologies, LLC

214 West Main Street

Moorestown, NJ 08057

**Phone Number:** (856) 234 -7392

**Appearance:** White, powder

**Odor:** Practically odorless

**Chemical Description:** Non-ionic, anionic surfactants with carbonates and phosphates.

Ratings	NPFA	HMIS
Health	1	1
Fire	0	0
Reactivity	1	1

## Section 2 Hazardous Component Information

No hazardous components as defined by OSHA Hazard Communication Standard 29 CFR 1910.1200.

## Section 3 Hazards Identification

**Primary Route of Entry:** Skin, eyes, mouth and nose.

**Potential Health Effects:** Signs and Symptoms of Exposure:

**Eyes:** Can cause reddening, stinging, tearing and swelling if contact with eye(s) occurs. Degree of irritation depends upon duration of contact.

**Skin:** Can irritate the skin. Degree of irritation depends on duration of contact.

**Ingestion:** May cause irritation to stomach lining.

**Inhalation:** May irritate nasal linings and respiratory tract if airborne dust is inhaled.

## Section 4 First Aid Procedures

**Eyes:** Following eye contact, flush eyes immediately with plenty of water, for fifteen minutes. Assure adequate flushing of the eyes by separating the eyelids with fingers. Get medical attention if irritation occurs.

**Skin:** Following skin contact, wash area at once with plenty of water for fifteen minutes. Rinsing promptly with water, will reduce irritation considerably.

**Ingestion:** If swallowed call physician. Not expected to cause serious harm.

**Inhalation:** Move victim to fresh air if irritation occurs. Get medical attention.

## Section 5 Fire Fighting Measures

**Fire Fighting Procedures:** Use self contained breathing apparatus

**Extinguishing Media:** Use water spray, carbon dioxide, dry chemical powder or appropriate foam.

**Hazardous Combustion Products:** Heated to decomposition, it could emit fumes of sodium oxide.

## Section 6 Accidental Release Measures

**Steps to be taken in the event of spills, leaks or release:** Sweep up as much as possible for salvage or disposal. Use appropriate protective equipment if dust is generated or contact with eyes or skin is expected. Follow all local, state and federal environmental regulations for disposal.

## Section 7 Handling & Storage:

**Handling:** Handle with care and avoid unnecessary personal contact. Avoid contact with eyes and prolonged or repeated skin contact. Wash thoroughly after handling.

**Storage:** Keep container tightly closed when not in use and during transport. Store at room temperature.

**Materials or Conditions to avoid:** Avoid strong acids or bases.

# MATERIAL SAFETY DATA SHEET

## Section 8 Exposure Controls/Personal Protection:

### Personal Protective Equipment:

**General:** Protect from clothing by wearing coveralls.

**Eye and Face Protection:** In cases where there is likelihood of eye contact, wear chemical goggles.

**Skin Protection:** Wear impervious gloves as a standard handling practice.

**Inhalation:** Wear approved filtered apparatus for airborne dust as a safety precaution.

## Section 9 Physical & Chemical Properties:

**pH (0.5 oz per gallon):** 10-11

**Solubility in water:** Soluble

## Section 10 Stability & Reactivity:

**General stability considerations:** Product is stable.

**Incompatible materials:** Do not mix with bleach, strong acids, bases or other. (reactions could occur evolving heat)

**Hazardous decomposition products:** None known

**Hazardous Polymerization:** Will not occur.

## Section 11 Disposal Considerations:

Salvage as much material as possible. Dispose in an approved landfill in accordance with accepted governmental regulations.

## Section 12 Transport Information:

This product **does not** meet the criteria for a D.O.T. hazardous material as defined by 49 CFR parts 171-173.

**Proper Shipping Name:** Cleaning compound, solid

The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind expressed or implied is made with respect to the information contained herein.

Approved By: Steven A. Rubin  
Steven A. Rubin  
VP of Technical Affairs

Date Revised 09-01-03