

1. PRODUCT AND COMPANY INFORMATION

Product name: Nanotrap CS
Brand: Ceres Nano
Company: Ceres Nanosciences, LLLP
10900 University Blvd MS J2
Manassas, VA 20110
Telephone: 1 (800) 615-0418
Fax: (703) 722-0731
Emergency Phone #: 1 (800) 615-0418

FOR RESEARCH USE ONLY

2. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS-No.	Weight %
Water, distilled, conductivity or of similar purity	7732-18-5	99-100%
Cross-linked poly(N-isopropylacrylamide) hydrogel polymer	Not available	0.1 to 1.0%

3. HAZARDS IDENTIFICATION

Emergency Overview

OSHA Hazards

No known OSHA Hazards

HMIS Classification

Health Hazard: 0

Flammability: 0

Physical hazards: 0

NFPA Rating

Health Hazard 0

Fire: 0

Reactivity Hazard: 0

Potential Health Effects

Inhalation: May be harmful if inhaled. May cause respiratory tract irritation
Skin: May be harmful if absorbed through skin. May cause skin irritation.
Eyes: May cause eye irritation
Ingestion: Harmful if swallowed

4. FIRST AID MEASURES**General Advice**

Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area.

Inhalation

If breathed in, move person into fresh air. If not breathing give artificial respiration. Consult a physician.

Skin contact

Wash off with soap and plenty of water.

Ingestion

Never give anything by mouth to an unconscious person. Rinse mouth with water.

5. FIRE-FIGHTING MEASURES

Flammable properties

Flash Point no data available

Ignition Temperature no data available

Suitable extinguishing media

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Special protective equipment for fire-fighters

Wear self contained breathing apparatus and protective suit

6. ACCIDENTAL RELEASE MEASURES

Personal precautions

Use personal protective equipment.

Environmental Precautions

Do not let product enter drains.

Methods for cleaning up

Keep in suitable, closed containers for disposal.

7. HANDLING AND STORAGE

Handling

Avoid contact with skin and eyes. Normal measures for preventative fire protection.

Storage

Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

Recommended storage temperature: 22-28 °C.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Contains no substance with occupational exposure limit values.

Personal protective equipment

Respiratory protection

Respiratory equipment is not required. Where protection is desired, use multi-purpose combination (US) or type ABEK (EN 14387) respirator cartridges. Use respirators and components tested and approved under government standards such as NIOSH (US) or CEN (EU).

Hand protection

For prolonged or repeated contact use protective gloves.

SARA 302: No chemicals in this material are subject to reporting requirements of SARA Title III, Section 302.

SARA 313 Components

SARA 313: This material does not contain any chemical components with known CAS numbers that exceed threshold reporting levels established by SARA Title III, Section 313.

SARA 311/312 Hazards

No SARA Hazards

Massachusetts Right to Know Components

No components listed

Pennsylvania Right to Know Components

No components listed

New Jersey Right to know Components

No components listed

California Prop. 65 Components

This product does not contain any chemicals known to State of California to cause cancer, birth or any other reproductive defects.

16. OTHER INFORMATION

Further information

This material is sold for research and development purposes only. It is not for any human or animal therapeutic or clinical diagnostic use. It is not intended for food, drug, household, agricultural, or cosmetic use. An individual technically qualified to handle potentially hazardous chemicals must supervise the use of this material.

The above information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Ceres Nanosciences shall not be held liable for any damage resulting from handling or from contact with the above product.