



MATERIAL SAFETY DATA SHEET

Revision Number A616293A
5/19/10

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND THE COMPANY / UNDERTAKING

Product name C-Spray
Synonyms
Chemical characterization Inert polymer colloidal suspension in water
Manufacturer, importer, supplier YSI sells this product under private label agreement with the original manufacturer. YSI assumes no legal liability or responsibility for the accuracy, completeness, or usefulness of any information set forth in this MSDS.
EMERGENCY TELEPHONE NUMBER 1-800-765-9744 or +1-937-767-7241

2. COMPOSITION / INFORMATION ON INGREDIENTS

CAS	Chemical Name	% Weight	ACGIH TWA	Acute Toxicity	IARC*	NTP*	OSHA*
7732-18-5	Hydrogen Hydroxide	<60%			No	No	No
Proprietary	Polymeric Nano Particles Fusion	<40%			No	No	No
Proprietary	Synthetic nano driver polymeric fusion	<10%			No	No	No
63148-62-9	Organo Functional Siloxane Nano Blend	<4%			No	No	No

* IARC - Group 1 (Carcinogenic to humans)

* NTP - Report on Carcinogens - Known Carcinogens

* OSHA - Regulated Carcinogens

3. HAZARDS IDENTIFICATION

Emergency Overview

Keep away from open wounds and cuts

Eye Contact	Avoid eye contact
Skin Contact	Avoid all skin contact
Inhalation	Avoid inhalation
Ingestion	Avoid ingestion
General Advice	Slight risk
Properties Affecting Health	Slight risk
Principle Routes of Exposure	Skin contact

4. FIRST AID MEASURES

General Advice	
Skin Contact	Rinse with soap and water
Eye Contact	Flush eyes with water
Inhalation	Move to well ventilated area
Ingestion	If swallowed, see physician immediately
Notes to Physician	Inert polymers in water
Protection of First-Aiders	Non – inert polymers in water
Aggravated Medical Conditions	None

5. FIRE-FIGHTING MEASURES

Flash Point	Same as water
Suitable Extinguishing Media	Water and foam are suitable

Extinguishing media which must not be used for safety reasons	None
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Specific Hazards

Special exposure hazards rising from the substance or preparation itself, its combustion products, or released gases	None
Special protective equipment for firefighters	This is not a hazardous product, therefore, no special equipment required.

Specific Methods

NFPA (National Fire Protection Association)	Health=0	Reactivity=0	Fire=0	Special=0 (none)
HMIS (Hazardous Material Information System)	Health=0	Reactivity=0	Fire=0	Special=0 (none)

6. ACCIDENTAL RELEASE MEASURES

Personal precautions	N/A
Environmental precautions	None. Safe to rinse down drain.
Methods for cleaning up	Soap and water

7. HANDLING AND STORAGE

Handling

Technical Measures / Precautions	Store between 40-110 F.
Safe Handling Advice	Store at room temperature. Do not freeze or boil.

Storage

Technical Measures / Precautions	Keep container closed when not in use.
Incompatible Products	Do not mix with other chemicals or cleaners.
Specific use(s)	May make walking surfaces very slippery. Do not use on floors.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering measures	None
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Personal protective equipment

Hand Protection	Wear rubber gloves
Eye protection	Use chemical goggles and ensure eyewash station is readily available.
Respiratory Protection	Ensure there is adequate ventilation
Skin and Body Protection	Keep away from open wounds or cuts
Hygiene measures	Wash with soap and water after use
Environmental exposure controls	Contain the spill; recollect in suitable container for disposal.

9. PHYSICAL AND CHEMICAL PROPERTIES

General Information

Form	Liquid
Appearance	Light blue
Odor	Sweet lemon

Important Health Safety and Environmental Information

pH	7.0-8.0
Boiling Point / Range	Same as water
Flash Point	Same as water
Molecular Weight	Same as water
Vapor Pressure	Same as water

Vapor Density	Same as water
Water Solubility	100%
Specific Gravity	1.01
Melting Point / Range	N/A

10. STABILITY AND REACTIVITY

Stability	This material is stable
Materials to Avoid	Do not mix with other chemicals
Hazardous Decomposition Products	None
Polymerization	Hazardous polymerization will not occur

11. TOXICOLOGICAL INFORMATION

Acute Toxicity	N/A
Component Information	Water and inert polymers
Product Information	Water and inert polymers

Local Effects

Skin Irritation	Prolonged contact may dry skin and make it slippery
Eye Irritation	May cause slight redness
Inhalation	None – no data available
Ingestion	May cause slight stomach discomfort
Sensitization	None – no data available
Chronic Toxicity	None – no data available

Specific Effects

Carcinogenic Effects	N/A
Mutagenic Effects	N/A
Reproductive Toxicity	N/A
Target Organ Effects	N/A

12. ECOLOGICAL INFORMATION

Ecotoxicity Effects None. This product does not contain any hazardous components.

Component information

CAS	Chemical Name	% Weight	ACGIH*	OSHA*

* ACGIH - Occupational Exposure Limits - TWA's

* OSHA - PELs

Product Information

Aquatic Toxicity	None
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Other Information

Ozone Depletion Potential; ODP; (R-11=1)	None. Ozone safe, full VOC compliance
Global Warming Potential (GWP)	None. Non-pollutant for air, water, soil
Additional Ecological Information	N/A
Mobility	N/A
Bioaccumulative Potential	N/A
Ecotoxicity Effects	N/A
Aquatic Toxicity	N/A

13. DISPOSAL CONSIDERATIONS

Waste From Residues / Unused Products	Follow all federal, state, and local government regulations for disposal.
Contaminated Packaging	As above.

14. TRANSPORT INFORMATION

DOT	Shipping class – 55
UN-No	N/A
Proper shipping name	Cleaning compound liquid
Packing group	PG-I
Subsidiary Risk	None
Description	Water and inert polymers

15. REGULATORY INFORMATION

U.S. Inventories

CAS	Chemical Name	% Weight	ACGIH*

* ACGIH - Occupational Exposure Limits - TWA's

International Inventories

CAS	Chemical Name	% Weight	EUOED*

* EUOED - EU Occupational Exposure Directive (98/24/EC) Indicative Occupational Exposure Limit Values (IOELV)

16. OTHER INFORMATION

Literary Reference	None.
Prepared By	YSI, Inc.
End of Safety Data Sheet.	