

Material Safety Data Sheet

May be used to comply with
OSHA's Hazard Communication Standard,
29 CFR 1910.1200 Standard must be
consulted for specific requirements.

U.S. Department of Labor

Occupational Safety and Health Administration
(Non-Mandatory Form)
Form Approved
OMB No. 1218-0072

P/N 48028C



IDENTITY (as Used on Label and List)

MPUS Plus, Multipurpose Ultrasonic Cleaner Solution

Note: Blank spaces are not permitted. If any item is not applicable, or no
information is available, the space must be marked to indicate that.

Section I

Manufacturer's Name

Dentronix, Inc.

Emergency Telephone Number

1-800-523-5944

Address (Number, Street, City, State, and Zip Code)

235 Ascot Parkway

Telephone Number for Information

330-916-7099

Cuyahoga Falls, OH 44223

Date Prepared

June 1999

Signature of Preparer (optional)

Section II - Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity: Common Name(s))

OSHA PEL

ACGIH TLV

Other Limits
Recommended

% (optional)

Tetrasodium salt of ethylenediamine tetraacetic acid

tetrahydrate

Triethanolamine

5mg/m³

Section III - Physical/Chemical Characteristics

Boiling Point

213.8° F

101° C

Specific Gravity (H₂O = 1)

1.0800

Vapor Pressure (mm Hg.)

unknown

Melting Point

N/A

Vapor Density (AIR = 1)

unknown

Evaporation Rate
(Butyl Acetate = 1)

unknown

Solubility in Water
complete

Appearance and Odor

Transparent dark green liquid; odor: floral

Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used)

Tagliabue Closed Cup

Above 220° F

Flammable Limits

N/A

LEL

N/A

UEL

N/A

Extinguishing Media

water spray, CO₂

Special Fire Fighting Procedures

Self-contained breathing apparatus and protective clothing should be worn when fighting chemical fires

Unusual Fire and Explosion Hazards

None known

Section V - Reactivity Data

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Stability	Unstable		Conditions to Avoid None
	Stable	X	

Incompatibility (Materials to Avoid)

Strong oxidizing agents

Hazardous Decomposition or Byproducts

None

Hazardous Polymerization	May Occur		Conditions to Avoid None
	Will Not Occur	X	

Section VI - Health Hazard Data

Route(s) of Entry:	Inhalation? Yes	Skin? Yes	Ingestion? Not likely
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Health Hazards (Acute and Chronic)

For Concentrate: Skin – not a primary dermal irritant Eyes – is an ocular irritant.

Ingestion – May be harmful. At use dilution this formulation is not toxic to rats by inhalation.

Carcinogenicity:	NTP? No	IARC Monographs? No	OSHA Regulated? No
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Signs and Symptoms of Exposure

For concentrate: ocular discomfort and reddening. Some persons may experience dermal discomfort and reddening.

Medical Conditions

Generally Aggravated by Exposure Not known

Emergency and First Aid Procedures

Eyes and Skin: Flush with water for 15 minutes. If irritation develops seek medical attention.

Ingestion: Induce vomiting. Give large quantity of water and seek medical attention.

Section VII - Precautions for Safe Handling and Use

Steps to Be Taken in Case Material is Released or Spilled

Caution: Floors may become slippery. Soak up liquid with absorbent and shovel into waste container. Wash residue from spill area with water and flush to a sewer serviced by a wastewater treatment facility.

Waste Disposal Method

This product is not a federal hazardous waste. Dispose in accordance with local and state regulations.

Precautions to be Taken in Handling and Storing

To protect product quality, avoid temperatures less than 41°F (5°C) or above 104°F (40°C). Keep container closed.

Other Precautions

Keep away from open flame.

Section VIII - Control Measures

Respiratory Protection (Specify Type)

Ventilation Polymerization	Local Exhaust N/A	Special None
	Mechanical (General) X	Other N/A
Protective Gloves Rubber or Neoprene	Eye Protection Chemical goggles or face shield	

Other Protective Clothing or Equipment

Protective clothing, eye wash, shower

Work/Hygenic Practices

Keep container closed when not in use.