

Material Safety Data Sheet

May be used to comply with
 OSHA's Hazard Communication Standard.
 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



IDENTITY (As Used on Label and List) Biosonic Disinfectant
 Ultrasonic Cleaner Concentrate

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 Coltene/Whaledent Inc.	Emergency Telephone Number 212 696-8000
Address (Number, Street, City, State, and ZIP Code) 236 Fifth Avenue	Telephone Number for Information 212 696-8000
New York, NY 10001	Date Prepared April 4, 1990
	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)
SODIUM ORTHO-BENZYL PARACHLOROPHENATE				4.40
SODIUM ORTHO-PHENYLPHENATE				2.82
SODIUM PARA-TERTIARY AMYLPHENATE				2.49
ISOPROPYL ALCOHOL		400PPM		7.79

Section III — Physical/Chemical Characteristics

Boiling Point	100°C	Specific Gravity ($\text{H}_2\text{O} = 1$)	1.03
Vapor Pressure (mm Hg.) REID D-4953	15.51	Melting Point	N/A
Vapor Density (AIR = 1)	N/A	Evaporation Rate (Butyl Acetate = 1)	N/A

Solubility in Water	COMPLETE
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Appearance and Odor	CLEAR DARK AMBER LIQUID - FLORAL ODOR
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Section IV — Fire and Explosion Hazard Data

Flash Point (Method Used) Pensky - Martens Closed Tester	118°F	Flammable Limits N/A	LEL N/A	UEL N/A
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Extinguishing Media	WATER, CARBON DIOXIDE, DRY CHEMICAL OR FOAM
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Special Fire Fighting Procedures	FIREFIGHTERS SHOULD BE MADE AWARE OF PHENOLIC CONTENTS OF THIS
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MATERIAL SO THEY CAN WEAR APPROPRIATE PROTECTION.

All Fire and Explosion Hazards	HIGHLY TOXIC GASES (CHLORINE) CAN BE EVOLVED.
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Section V — Reactivity Data

Stability	Unstable		Conditions to Avoid N/A
	Stable	X	

Incompatibility (Materials to Avoid)

Hazardous Decomposition or Byproducts

Hazardous Polymerization	May Occur		Conditions to Avoid N/A
	Will Not Occur	X	

Section VI — Health Hazard Data

Route(s) of Entry:	Inhalation?	ACUTE	Skin?	ACUTE	Ingestion?	ACUTE
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Health Hazards (Acute and Chronic)

SKIN - MAY CAUSE IRRITATION. EYES - MAY CAUSE IRRITATION.

INGESTION - HARMFUL IF INGESTED.

INHALATION - CORROSIVE TO LUNGS.

Carcinogenicity:	NTP?	IARC Monographs?	OSHA Regulated?
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Signs and Symptoms of Exposure

SKIN AND EYE IRRITATION. INHALATION - LUNG IRRITATION. INGESTION - DROWSINESS, IRREGULAR PULSE, LOSS OF CONSCIOUSNESS.

Medical Conditions

Generally Aggravated by Exposure BREATHING PROBLEMS.

Emergency and First Aid Procedures INHALATION - REMOVE TO FRESH AIR. GET MEDICAL ATTENTION. SKIN - WASH WITH WATER FOR 15 MIN. EYES - FLUSH WITH COPIOUS AMOUNTS OF WATER. IF IRRITATION PERSISTS, GET MEDICAL ATTENTION. INGESTION - DO NOT INDUCE VOMITING. DRINK LARGE QUANTITIES OF MILK, EGG WHITE, OR WATER. GET MEDICAL ATTENTION.

Section VII — Precautions for Safe Handling and Use

Steps to Be Taken in Case Material Is Released or Spilled
DIKE WITH SAND OR CLAY. USE ABSORBENT MATERIAL. PLACE IN DRUMS FOR DISPOSAL.

Waste Disposal Method

DISPOSE IN APPROVED LANDFILL IN ACCORDANCE WITH LOCAL, STATE, & FEDERAL REGULATIONS.

Precautions to Be Taken in Handling and Storing

KEEP CONTAINER CLOSED. STORE AWAY FROM STRONG ACIDS.

STORE IN COOL PLACE.

Other Precautions

KEEP OUT OF REACH OF CHILDREN. TRIPLE RINSE CONTAINER BEFORE DISPOSAL.

DO NOT REUSE CONTAINER.

Section VIII — Control Measures

Respiratory Protection (Specify Type)

N/A

Ventilation	Local Exhaust X	Special
	Mechanical (General)	Other

Protective Gloves

RUBBER OR VINYL

Eye Protection

SAFETY GOGGLES OR FACE SHIELD

Other Protective Clothing or Equipment

RUBBER OR VINYL APRON

Work/Hygienic Practices

REMOVE CONTAMINATED CLOTHING. WASH CLOTHING BEFORE REUSE.