

## 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

IDENTITY (As Used on Label and List)

BioGone

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:	Case Medical, Inc.	Emergency Telephone Number:	(201) 313-1999
Manufacturer's Address:	65 Rilroad Ave. Ridgefield, NJ 07657 USA	Telephone Number for Info.:	(201) 313-1999
		Date Prepared:	January 25, 2002

### SECTION II - Hazardous Ingredients/Identity Information

Hazardous Components

(Specify Chemical Identity: Common Name(s))	OSHA PEL	Other Limits	
		ACGIH TLV	Recommended % (optional)

None. All constituents are not considered hazardous according to the Federal Hazard Communication Standard (29 CFR 1910.1200).

### SECTION III - Physical/Chemical Characteristics

Boiling Point:	212°F	Specific Gravity (H <sub>2</sub> O = 1):	1.00 - 1.08
Vapor Pressure (mmHg):	As Water	Melting Point:	Liquid
Vapor Density (Air = 1):	1	Evaporation Rate (Butyl Acetate = 1):	As Water
Solubility in Water:	Infinite	pH:	3.60 - 4.20
Appearance and Odor:	Golden Clear Liquid; Characteristic Odor		

### SECTION IV - Fire and Explosion Hazard Data

Flash Point (Method Used):	none	Flammable Limits:	none
LEL:	none	UEL:	none
Extinguishing Media:	non-flammable	Special fire fighting procedures:	none
Unusual Fire and Explosion Hazards:	none		

### SECTION V - Reactivity Data

Stability:	stable	Incompatibility (Materials to avoid):	oxidizing agents
Hazardous Decomposition or By-Products:	none	Hazardous Polymerization:	will not occur

### SECTION VI - Health Hazard Data

Route(s) of Entry:	Inhalation	Skin	Ingestion
Health Hazards (Acute and Chronic):	None. Tests show no inhalation/skin/ingestion toxicity. Can be an eye irritant in concentrated form.		
Carcinogenicity:	NTP? No	IARC Monographs? None	OSHA Regulated? None
Signs and Symptoms of Exposure:	None. Ingestion may cause mild nausea or diarrhea.		
Medical Conditions Generally Aggravated by Exposure:	None		
Emergency and First Aid Procedures:	Wash affected area with copious amounts of water. Treat as any mild irritant.		

### SECTION VII - Precautions for Safe Handling and Use

Steps to be taken in case material is released or spilled:	Flush to sewage system or any disposal system.
Waste Disposal Method:	Flush to any disposal system.
Precautions to be taken in handling and storing:	None. But enzymatic activity may be lost if temperatures exceed 130° F (55° C) or if pH exposure is below 2.5 or above 9.5.
Other Precautions:	none

### SECTION VIII - Control Measures

Respiratory Protection (Specify Type):	None required.
Ventilation:	Normal
Protective Gloves:	None required.
Eye Protection:	GMP to wear goggles with concentrate.
Other Protective Clothing or Equipment:	None required.
Work/Hygienic Practices:	Observe good general housekeeping practices.