

**MATERIAL SAFETY DATA SHEET**

(Prepared according to 29 CFR 1910.1200)

Section 1 – PRODUCT IDENTIFICATION			
<b>Manufacturer:</b> <b>Case Medical, Inc</b>		<b>Information Telephone Number:</b> 201-313-1999	
		<b>Emergency Telephone Number:</b> 1-800-424-9300 (Chemtrec) 24 Hours Every day	
<b>Address:</b> 19 Empire Blvd, South Hackensack NJ-07606		<b>Date Prepared:</b> 06/01/2010	
<b>Trade Name:</b> <b>Pentaprep</b>		<b>Product Type:</b> Ready to used multi-enzymatic Pre-soak foam cleaner	
Section 2— INGREDIENTS			
CHEMICAL NAME / COMMON NAME	CAS NO.	WT.%	TLV (Source) / Title III Sect. 313
Nonionic Surfactant	Proprietary	5 - 8	None Established / No
Protease	9014-01-1	< 1	0.00006 mg/m3 / No
Lipase, Amylase, Cellulase and other proprietary enzymes	Proprietary	< 1	None Established / No
Preservative	Proprietary	< 1	2 mg/m3 / No
Section 3—PHYSICAL DATA			
<b>Boiling Point (°F)</b>	>212°F	<b>Specific Gravity (H<sub>2</sub>O = 1):</b>	Not determinate
<b>Vapor Pressure (mm Hg)</b>	Not determinate	<b>pH:</b>	7 ± 0.5
<b>Vapor Density (AIR = 1)</b>	Not determinate	<b>Solubility in water:</b>	Complete
<b>Evaporation Rate (vs. H<sub>2</sub>O):</b> Slow    Slower    Same X		<b>Appearance and Odor:</b> Clear Liquid with characteristic odor	
Section 4—FIRE AND EXPLOSION HAZARD DATA			
<b>Flash Point (T.C.C.)</b> None to Boiling	<b>Flammable Limits</b> N/A	Upper	Lower
<b>Extinguishing Media:</b> None flammable	<b>Special Fire Fighting Procedures:</b> None Required		
<b>Unusual Fire and Explosion Hazards:</b> None			
Section 5—REACTIVITY DATA			
<b>Stability:</b> Stable	<b>Incompatibility (Materials to Avoid):</b> Oxidizing Agents		
<b>Hazardous Decomposition:</b> None Known			
Section 6—HEALTH HAZARD DATA			
<b>Route(s) of Entry</b>	Inhalation: Yes	Skin: Yes	Ingestion : Yes
			Eye: Yes
			Other :N/A
Signs and Symptoms of Overexposure (Acute and Chronic) Not expected to be toxic via inhalation, skin or ingestion. Repeat inhalation of enzyme spray or mist may cause allergic reactions in susceptible persons. Can be an eye irritant in concentrated form.			
<b>Medical Condition Aggravated by Overexposure:</b> Asthma & Dermatitis			
<b>Carcinogenicity</b>	NTP: No	IARC Monographs : No	OSHA Regulated : No
Section 7—EMERGENCY AND FIRST AID PROCEDURES			
<b>Eyes:</b> Flush with water for at least 15 min.	<b>Skin:</b> Wash with large amount of soap and water. If irritation persist consult a physician		
<b>Ingestion:</b> Do not induce vomiting. Dilute by drinking water.	<b>Inhalation:</b> Remove to fresh air.		
Section 8-SPECIAL PROTECTION AND INFORMATION			
<b>Respiratory Protection:</b> NIOSH approved mask if mist likely			
<b>Ventilation Requirements:</b> Normal <input checked="" type="checkbox"/> Local Exhaust <input type="checkbox"/> Mechanical <input type="checkbox"/> Other <input type="checkbox"/>		<b>Eye protection:</b> GMP to wear goggles	
<b>Protective Gloves:</b> GMP to wear gloves, rubber or plastic		<b>Other protective Clothing:</b> Protective Clothing to minimize contact	
Section 9—SPILL OR LEAK PROCEDURES			
<b>Steps to Be Taken if Material Is Released or Spilled:</b> Flash to sewage system or any disposal system.			
<b>Waste Disposal Method:</b> Observe all local and national regulation when disposing.			
Section 10—STORAGE AND HANDLING INFORMATION			
<b>Steps to Be Taken in Handling and Storage:</b> If pH exposure is below 2.5 or above 9.5 products efficacy may be lost. If temperature exceeds 130°F (55°) product efficacy may be lost. Follow GMP. Keep containers closed when not in use. Wash thoroughly after handling.			
<b>D.O.T Classification:</b> Not regulated. <b>RCRA Hazardous Waste</b> – not regulated.			

The health hazards given on this Material Safety Data Sheet apply to this product in its concentrated form (as supplied) and may differ significantly at use dilution. The signs and symptoms of overexposure apply only to negligence in handling or misuse of the concentrated product and not to the routine exposure of the diluted product under conditions of ordinary use.

HMIS HAZARD RATING	Health	1	0- LEAST 1- SLIGHT 2- MODERATE 3- HIGH 4- EXTREME
	Flammability	0	
	Reactivity	0	
	Personal Protection	x	