



MATERIAL SAFETY DATA SHEET

EMERGENCY PHONE NUMBERS
805-322-7174 ext:101
(HILLTOP DISTRIBUTION)

Fire Hazard
4 - Very Flammable
3 - Readily Ignitable
2 - Ignite With Heat
1 - Combustible
0 - Will Not Burn

Health Hazard
4 - Deadly
3 - Extreme Danger
2 - Hazardous
1 - Slightly Hazardous
0 - Normal Materials

Reactivity Hazard
4 - May Detonate
3 - Shock & Heat May Detonate
2 - Violent Chemical Change
1 - Unstable if Heated
0 - Stable

HEALTH	0
FLAMMABILITY	0
PHYSICAL Hazard	0
Personal Protection	A

I. General Information

Manufacturer For: HILLTOP DISTRIBUTION P.O.BOX 462 CAMARILLO, CA 93011 TECHNICAL PHONE NUMBER (805) 322-7144 x101	Trade Name & Synonyms: ENDURANCE BIOBARRIER CLEANER PREP
DOT Hazard Classification:	Chemical Family: MIXTURE
Proper DOT Shipping Name: CLEANING COMPOUND	
Prepared For: D.S. Coster Date: June 18, 2012	Formula: PROPIETARY INFORMATION

II. Ingredients

Hazardous Components	CAS Number	Percent	ACGTH TLV
Quaternary ammonium compound	84583-67-5	0.75	
Ethoxylated alcohol	SC006-00	0.9	
Ethylenediaminetetraacetic acid tetra-sodium salt	10378-23-1	1.8	
Pyrophosphate tetrapotassium	7320-34-5	0.8	
Water	7732-18-5	95.75	

III. Physical Data

Boiling Point (F): 212 F	Specific Gravity (H ₂ O=1) : 1
Vapor Pressure (mm Hg.) : NA	VOC: 0 gms/l
Vapor Density (Air=1) : NA	Evaporation Rate (BuOAc=1) : NA
Solubility in Water : Soluble	Reactivity in Water: None
Appearance and Odor: Clear Green Liquid with Light Vanilla Scent	pH: 11

IV. Fire & Explosion Hazard Data

Flash Point (Test Method): 93 C (Cleveland Closed Cup)	Flammable Limits UEL: NA LEL: NA Auto Ignition Temperature: N/E
Extinguishing Media (X) Foam (X) Alcohol Foam (X) Co2 (X) Dry Chemical (X) Water Spray (X) Water	
Special Fire Fighting Procedures: NONE	
Unusual Fire & Explosion Hazards NONE	

V. Health Hazard Data

Threshold Limit Value of Product SEE SECTION II	Carcinogen: NONE KNOWN
Symptoms of Exposure and Routes of Entry: Eyes: May cause slight eye irritation. Skin: Possible Irritation on prolonged contact Ingestion: Not Determined Inhalation: Not Determined	
First Aid: Eyes: Flush with water for 15 minutes. Consult a Physician. Skin: Wash With Soap and Water. Consult a Physician. Ingestion: Do NOT induce vomiting. Drink a glass of water or milk. Consult a physician. Inhalation: Remove victim to fresh air. Get Medical Attention, if indicated.	

VI. Reactivity Data

Stability: Stable	Conditions to Avoid: Not Known
Incompatibility	Materials to Avoid: Not Known
Hazardous Polymerization: Will Not Occur	Conditions to Avoid: N/A
Hazardous Decomposition Products: None	

VII. Environmental Protection Procedures

Spill Response Small Spill: Absorb on inert material and dispose of in accordance with applicable regulations. Large Spill: Dike Area. Pump into suitable tank for recovery or disposal.
Waste Disposal: Absorb on an inert material and discard as a non-hazardous solid and follow disposal Instructions for your area.

VIII. Special Protection Information

Eye Protection: Safety Glasses Recommended	Skin Protection: Rubber Gloves
Respiratory Protection: Not Normally Needed	Ventilation Recommended: General
Other Protection: Not Normally Needed	

IX. Special Precautions

Hygienic Practices in Handling & Storing: Store in a cool dry place.
Other Precautions: Keep closures on containers when not in use.
Disposal of Empty Containers: Flush with water before discarding