

MATERIAL SAFETY DATA SHEET

SECTION I PRODUCT AND COMPANY IDENTIFICATION	
PRODUCT NAME	SANI-ZONE™ Maximum Strength Odor Eliminator, Catalog #s 1002A and 1008A
MANUFACTURER	ANACAPA TECHNOLOGIES, INC. 301 E. ARROW HIGHWAY, SUITE 106 SAN DIMAS, CA 91773
TELEPHONE NUMBER	(909) 394-7795

SECTION II HAZARDOUS INGREDIENTS / IDENTITY INFORMATION			
Chemical Names / CAS Numbers	Percent (%)	Exposure Limits	
		OSHA PEL	ACGIH TLV
Ethanol, SDA-40B, 190 proof	20%	1000 ppm	1000 ppm

SECTION III PHYSICAL AND CHEMICAL CHARACTERISTICS			
Boiling point	Not determined	Specific gravity (H ₂ O =1)	0.970
Vapor Pressure (mm Hg)	Not determined	Melting Point	N/A
Vapor density (Air=1)	Not determined	Evaporation rate	Not determined
Solubility in Water	Completely Soluble in Water		
Appearance and Odor	Fragrant, clear, colorless liquid		

SECTION IV FIRE AND EXPLOSION HAZARD DATA	
Flash Point (Closed Cup Method)	94°F
Extinguishing Media	Apply alcohol-type or all-purpose type foam by manufacturer's recommended techniques for large fires. Use carbon dioxide or dry chemical media for small fires.
Special Fire Fighting Procedures	Use water spray to cool fire-exposed containers and structures. Use water spray to disperse vapors.
Unusual fire and Explosion Hazards	Vapors may be formed and travel by air currents and ignite by other ignition sources e.g. electrical, smoking, other flames, sparks and pilot lights etc.

SECTION V REACTIVITY DATA	
Stability	Stable
Conditions to avoid	Not known
Incompatibility	Strong oxidizing agents, ignition - flames
Hazardous Decomposition or Byproducts	Burning can produce Carbon monoxide and carbon dioxide
Hazardous polymerization	Will not Occur

SECTION VI HEALTH HAZARD DATA / TOXICOLOGICAL INFORMATION			
Effects of Acute Overexposure:			
Ingestion	May cause dizziness, faintness, drowsiness, decreased awareness and responsiveness, abdominal discomfort, nausea, vomiting, lack of co-ordination		
Skin Contact	May cause irritation on intact or damaged skin.		
Inhalation	Non-toxic.		
Eye Contact	May cause irritation, stinging with excess blinking and tear production		
Effects of Repeated Overexposure:			
Long term repeated oral exposure to ethanol may result in the development of progressive liver injury with fibrosis			
Carcinogenicity	NTP: No	IARC monographs: No	OSHA regulated: No
Other Health Hazards	Overexposure may cause sensitization of the respiratory tract and development of asthmatic reaction in small proportions of individuals. Skin contact may cause sensitization and an allergic reaction in small proportions of individuals. Repeated ingestion of ethanol by pregnant mothers has been shown to affect the central nervous system of the fetus and producing fetal alcohol syndrome.		

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Continued section VI: HEALTH HAZARD DATA:	
Emergency and First Aid Procedure:	
Ingestion	If patient is conscious, give two glasses of water to induce vomiting. Obtain medical attention.
Skin Contact	Remove contaminated clothing. Wash skin with soap and water. Obtain medical attention if irritation persists. Wash clothing before reuse.
Inhalation	Remove to fresh air. Give artificial respiration if not breathing, if breathing is difficult, oxygen may be given by qualified personnel. Obtain medical attention.
Eye contact	Immediately flush eyes with water and continue washing for several minutes. Remove contact lenses if worn. Obtain medical attention if discomfort persists.
Medical Conditions aggravated by exposure	Repeated exposure to ethanol may aggravate liver injury produced from other causes.

SECTION VII SPILL LEAK AND DISPOSAL PROCEDURES	
Steps to be taken in case of Material spill	Wear protective clothing and avoid any ignition source. Small spills can be flushed with large amounts of water; large spills should be collected for disposal.
Waste Disposal method	Note: Dispose all wastes in accordance with federal, state and local regulations
Handling and storage precautions	Store at room temperature.
Other precautions	None

SECTION VIII SPECIAL HANDLING INFORMATION	
Ventilation Controls	General room ventilation is expected to be satisfactory.
Respiratory Protection (type)	Use self-contained breathing apparatus in high vapor concentrations
Eye Protection (type)	Safety Glasses
Protective gloves	PVC coated or other Chemical resistant gloves.
Other Clothing and equipment	Chemical apron
Work/Hygienic Practices	Eye Wash station and Safety shower
Other Handling and Storage Requirements	Keep away from heat and flames. Avoid contact with eyes. Use adequate ventilation. Wash thoroughly after handling.

SECTION IX TRANSPORTATION REQUIREMENTS	
DOT	Not regulated: Special provision 49 CFR 173.150 (e) - Aqueous solution containing greater than 50% water and less than 24% alcohol.
IATA	Not regulated: Special provision A58. Ethanol aqueous solutions containing 24% or less alcohol by volume.
IMDG	Not regulated; Special provision 144. Aqueous solutions containing 24% or less ethanol by volume.

This MSDS must be presented each time emergency medical attention is necessary. The information contained herein is believed to be accurate. The data contained may be obtained from other manufacturers of the chemicals used in the manufacturing of this product. This information is provided independently of any sale of the product, as a part of Anacapa Technologies product safety program. It is not intended to constitute performance information concerning the product. No expressed warranty, or merchantability of fitness for a particular purpose is made with respect to the product information combined herein.