

OraSure Technologies, Inc.

▪ 150 Webster Street, Bethlehem, PA 18015-1389
▪ (610) 882-1820 ▪ Fax: (610) 882-1830
▪ www.orasure.com

Effective Date: 11/29/00

IN CASE OF EMERGENCY
CALL: 1-800-535-5053

Material Safety Data Sheet

I. GENERAL INFORMATION			
Identity (as used on label): <i>THC PRE-BUFFER</i>			
II. HAZARDOUS INGREDIENTS			
Principal Hazardous Components:	CAS #	%	TLV (Units)
<i>Methanol</i>	<i>67-56-1</i>	<i>50</i>	<i>262 mg/m³</i>
III. PHYSICAL DATA			
Boiling Point (@ 76 mmHg)(°F): <i>64.7°C</i>	Specific Gravity (H ₂ O=1.0): <i>0.791</i>		
Vapor Pressure (mmHg): <i>410</i>	Percentage Volatile by Volume: <i>Not Available</i>		
Vapor Density (Air=1): <i>1.1 g/L</i>	pH: <i>Not Available</i>		
Solubility in Water: <i>Freely soluble</i>	Evaporation Rate (Butyl Acetate=1): <i>Not Available</i>		
Appearance and Odor: <i>Clear, colorless liquid. Obvious alcohol odor.</i>			
IV. FIRE AND EXPLOSION HAZARD DATA			
Flash Point (Method): <i>52°F/11°C</i>	Auto Ignition Temperature: <i>725°F/384°C</i>		
Flammable Limits in Air (% by Volume):	LEL: <i>6%</i>	UEL: <i>36%</i>	
Extinguishing Media:	CO₂	Foam	Dry Chemical
Special Fire Fighting Procedures: <i>Wear self-contained breathing apparatus, rubber boots and heavy rubber gloves.</i>			
Unusual Fire and Explosion Hazards: <i>Extremely flammable.</i>			

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V. REACTIVITY DATA

Stability: **Stable** Conditions to Avoid: *Avoid Excess Heat*

Incompatibility (Materials to Avoid): *Acids, acid chlorides, acid anhydrides, oxidizing/reducing agents, alkali metals.*

Hazardous Polymerization: **Will Not Occur** Conditions to Avoid: *N/A*

Hazardous Decomposition Products: *Toxic fumes of carbon monoxide and carbon dioxide.*

VI. HEALTH HAZARD DATA

Threshold Limit Value: *N/A* Carcinogen: *N/A*

Effects of Exposure:	Eye Contact - <i>Vapor or mist is irritating to the eyes.</i> Skin Contact - <i>May cause skin irritation. May be harmful if absorbed through the skin.</i> Inhalation of Vapors - <i>Vapor or mist is irritating to mucous membranes and upper respiratory tract.</i>
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Primary Route(s) of Entry: **Dermal Ingestion**

First Aid Procedures:	Eye Contact - <i>Flush eyes with copious amounts of water. Seek medical attention.</i> Skin Contact - <i>Wash affected areas with soap and water until no evidence of chemical remains. Seek medical attention.</i> Inhalation of Vapors - <i>Remove to fresh air. If not breathing, give artificial respiration.</i> Ingestion - <i>Rinse mouth with water. May cause gastrointestinal disturbances. Seek medical attention immediately. Treat symptomatically.</i>
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VII. ENVIRONMENTAL PROTECTION PROCEDURES

Spill Response: *Shut off all sources of ignition. Wear respiration for large spills. As with non-hazardous material, wear protective gloves, eyewear and outer clothing.*

Waste Disposal Method: *If disposing down a sink, rinse with copious amounts of water; wear protective gloves, eyewear and outer clothing. Cover with dry lime, sand or soda ash. Transport spill cleanup material outdoors using non-sparking tools.*

VIII. SPECIAL PROTECTION INFORMATION

Protection:	Respiratory - <i>None</i> Eye - <i>Chemical safety glasses or goggles</i> Skin - <i>Disposable rubbers gloves and protective clothing</i>
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Ventilation Recommended:	Local Exhaust - <i>Recommended</i> Mechanical (General) - <i>N/A</i>
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Other Protective Equipment: *None*

IX. SPECIAL PRECAUTIONS

Handling and Storage: *Recommend storage at 2-8° C.*

Other Precautions: *None*

The information and recommendations set forth herein are taken from sources believed to be accurate as of the date hereof; however, OTI makes no warranty with respect to the accuracy of the information or the suitability of the recommendations and assumes no liability to any user thereof.