

MATERIAL SAFETY DATA SHEET

SECTION 1:	<u>PRODUCT AND COMPANY IDENTIFICATION</u>
Product Identity: Chemical Name, Family	Bubble Buster Methanol, Methyl Alcohol, Wood Alcohol
Company Identity:	Mud Hole Custom Tackle, Inc. (407) 447-7637 400 Kane Ct, Oviedo FL 32765
	Prepared by: RD Date 03/31/10

SECTION 2:	<u>HAZARD IDENTIFICATION</u>			
Overview	<p>This product is a Hazard Class 3 Flammable Liquid, avoid sparks and open flame. The fumes from the material are slightly more dense than air and can settle down and move along the ground toward an ignition source. The material burns with a clean clear flame which may be hard to see. The fumes are strong and can form an explosive mixture in air. Electrically Ground drums when removing product. Swallowing this product can be life threatening with delayed symptoms. Upon ingestion seek immediate medical attention for Methanol poisoning.</p>			
NFPA	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 33%; text-align: center;">Health 1</td> <td style="width: 33%; text-align: center;">Fire 3</td> <td style="width: 33%; text-align: center;">Reactivity 0</td> </tr> </table>	Health 1	Fire 3	Reactivity 0
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SECTION 3:	<u>HAZARD IDENTIFICATION</u>															
Components:	<table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 25%;"></th> <th style="width: 25%; text-align: center;"><u>CAS NO.</u> /</th> <th style="width: 25%; text-align: center;"><u>PERCENT</u> /</th> <th style="width: 25%; text-align: center;"><u>OSHA -PEL</u> /</th> <th style="width: 20%; text-align: center;"><u>ACGIH TLV</u></th> </tr> </thead> <tbody> <tr> <td style="padding: 5px;">Methanol</td> <td style="padding: 5px;">67-56-1</td> <td style="padding: 5px;">99 +</td> <td style="padding: 5px;">200 ppm</td> <td style="padding: 5px;">200 ppm TWA</td> </tr> <tr> <td style="padding: 5px;">Proprietary additive</td> <td style="padding: 5px;">N/A</td> <td style="padding: 5px;">< 1%</td> <td style="padding: 5px;">N/A</td> <td style="padding: 5px;">N/A</td> </tr> </tbody> </table>		<u>CAS NO.</u> /	<u>PERCENT</u> /	<u>OSHA -PEL</u> /	<u>ACGIH TLV</u>	Methanol	67-56-1	99 +	200 ppm	200 ppm TWA	Proprietary additive	N/A	< 1%	N/A	N/A
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SECTION 4:	<u>FIRST AID MEASURES</u>
Eyes:	Material will cause solvent type burning of the eyes, If exposed flush with plenty of clean water then, Seek immediate medical attention
Skin:	For skin exposure washing with plenty of clean water and soap is usually sufficient to avoid a problem, the material will be drying to the skin and may cause skin irritation in some individuals
Inhalation:	For light headedness or difficulty breathing move exposed person to fresh air immediately, oxygen may be given by trained medical personal. If symptoms persist, Seek immediate medical attention.
Ingestion	Ingestion of this product can be life threatening with a delayed onset of symptoms between 40 min and 72 hours. Induced vomiting or gastric lavage may be indicated within the first 2 hours. Seek Immediate Medical Attention for Methanol Poisoning.

<u>SECTION 5:</u>	<u>FIRE FIGHTING</u>
Overview	Treat material as a Flammable Liquid with a Flash Point less than 52 F (11 C) TCC which can be ignited by sparks or open flames.
Flash Pt., Autoignition	52 F (11 C TCC) Autoignition Temperature 385 C NFPA 1978
Explosive Limits	LEL 6% UEL 36%
Extinguishing Media	Water Fog, Foam, CO2, AFFF foam, or Dry Chemicals
Special Procedures:	Full Bunker gear with Self Contained air is necessary in enclosed spaces.
Unusual Fire Hazards	Fumes are heavier than air and may move along the ground to ignition sources. Fumes may cause an explosive mixture with air. Material burns with a clear flame which may be hard to see.
Hazardous By-Products	May produce toxic gases, vapors, oxides of carbon & formaldehyde
<u>SECTION 6:</u>	<u>ACCIDENTAL RELEASE MEASURES</u>
Small Spills	Remove any ignition source, than gather up the spilled material and return it to the original container.
Large Spills	Remove any ignition source, With proper protective gear use dams to prevent the spill from entering any drain, sewer, or natural water source. Recover and return as much as possible to the original container and then absorb up the remaining material and any contaminated soils. Dispose of this according to all Federal, State, and Local laws. If this is a reportable quantity under CERCLA (section 15) Federal, State and Local authorities may need to be notified
<u>SECTION 7:</u>	<u>HANDLING and STORAGE</u>
Storage Information	Store material away from all possible ignition sources, flames, sparks, static electricity, smoking. Keep material out of direct sunlight and separate from other reactive materials.
Handling	When removing or mixing material, Always electrically ground the drum.
Additional Information	Empty drums may contain flammable explosive vapors
<u>SECTION 8:</u>	<u>EXPOSURE CONTROL</u>
Overview	Material is very volatile with a low viscosity and high evaporation rate. In confined areas ventilation must be provided to maintain vapor concentrations below permissible exposure levels. Work area must be properly grounded to prevent static electricity sparking. In no circumstance should material be contained so that accidental ingestion may happen.
OSHA (methanol)	OSHA PEL 200 PPM STEL, 250 ppm skin notation
ACGIH (methanol)	TLV-TW 200 PPM STEL, 250 ppm skin notation
Other	
Respiratory Protection	A positive pressure air or NIOSH/MSHA approved respirator with an organic chemical cartridge may need to be used to comply with the established exposure limits.
Other Protection	Safety Glasses and Butyl or Nitrile chemical resistant Gloves are needed.

SECTION 9:	PHYSICAL AND CHEMICAL PROPERTIES		
Physical State & Color	Water Clear liquid	Specific Gravity	.79
Boiling Point (styrene)	148 F (64 C)	Melting Point	N/A
Vapor Pressure	96 mm Hg @ 68 F	Vapor Density	1.105
Evaporation Rate	2.1 (Butyl Acetate 1)	Ph and Odor	Sharp Alcohol smell
Solubility in Water	Complete	TBD	

Other Information

SECTION 10	STABILITY AND REACTIVITY
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Stability	Stable at all normal environmental temperatures
Incompatible Materials	Strong Acids, Bases, Reactive metals, Reactive chemicals and Oxidizers

SECTION 11	TOXICOLOGICAL INFORMATION
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Eye Toxicity	High vapor concentration will cause eye irritation
Skin Toxicity	May be absorbed through the skin to toxic or lethal levels. LD 50 Dermal (rabbit) 20 ml/Kg
Inhalation Toxicity	Material may be inhaled to toxic or lethal levels. LC 50 (rat) inhale 64,000 ppm
Oral Toxicity	Material is toxic when ingested. The effects for all routes of entry are similar causing nausea, headache, abdominal pain, visual disturbances and may result in systematic poisoning, brain disorders, impaired vision and blindness The Oral LD 50 (rat) is 13 g / Kg
Carcinogenicity	Not Listed with IARC, NTP, ACGIH, or OSHA as a carcinogen

SECTION 12	ECOLOGICAL INFORMATION
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Ecotoxicity	Methanol in fresh or salt water may have serious effects on aquatic life based on it's concentration, avoid contamination of water sources
Biodegradability	Biodegrades easily in water. Methanol has little effect on sewer sludge bacteria digestion at .1 %

SECTION 13	DISPOSAL INFORMATION
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Disposal	Waste methanol would be considered hazardous waste under RCRA and must be shipped per 40 CFR 261.21 as EPA Hazardous Waste Number F003 to a RCRA permitted Treatment and Storage facility, in accordance with all Federal, State, and Local laws. Incineration is the preferred method of disposal.
Empty Drums	Empty Drums or Containers as defined by 40 CFR 261.7 are not classified as hazardous waste

<u>SECTION 14</u>	<u>TRANSPORTATION INFORMATION</u>
DOT Shipping Name Hazard Class, UN, PG Hazard and ERG # Special Information	Methyl Alcohol Hazard Class 3 , UN 1230, PG II Flammable Liquid, ERG 131 US Regulations require the reporting of spills exceeding the Reportable Quantity for specific components of this material . See CERCLA in section 15 for those Quantities.
<u>SECTION 15</u>	<u>REGULATORY INFORMATION</u>
Clean Air Act Clean Water Act OSHA CERCLA RQ Toxic Chemical List TSCA sec 8 (b) California Prop 65	Hazardous Air Pollutants HAP listed (Methanol) Listed as Hazardous This material is a Hazardous Chemical per 29 CFR 1910.1200 SARA Title III sec 304 R.Q. (Methyl Alcohol) = 5000 pounds (Methanol 67-56-1) All components are listed on the US Toxic Substances Control Act N/A
<u>SECTION 16</u>	<u>OTHER INFORMATION</u>
Canada	WHMIS Hazard Class B2 Flammable Liquid, D1A TDG Class 3 6.1 PG II

The information contained herein is provided in good faith and is correct to the best of our knowledge as of the issue date. This information has been compiled from known sources believed to be reliable and represent the most reasonable current opinion on these matters at the time this document was prepared. No warranty, guaranty, or representation is made as to the correctness or sufficiency of the information or the use thereof. It is the obligation of the user of this product to determine what measures are necessary to safely use this product either alone or in conjunction with other materials, and to determine their own regulatory compliance obligations relating to applicable Federal, State, and Local laws.