

## Section 1: Identification

<b>Common Name/Trade Name</b>	BENZYL ALCOHOL	
<b>Supplier Information</b>	Letco Medical, LLC 1316 Commerce Drive NW Decatur, AL 35601 1 (800) 239-5288 +1 (734) 843-4693	<b>IN CASE OF EMERGENCY:</b> Chemtrec 1 (800) 424-9300 (24 hours)
<b>Product Synonym(s)</b>	Benzene Methanol; Phenylcarbinol; Alpha-Hydroxytoluene	
<b>Relevant Use(s) of Product</b>	Manufacture or Compounding of Substances	

## Section 2: Hazards Identification

<b>Classification of Substance or Mixture</b>	Acute toxicity, Oral (Category 4), Acute toxicity, Inhalation (Category 4), Serious eye damage/eye irritation (Category 2)	
<b>Signal Word</b>	Warning	
<b>Hazard Statement(s)</b>	H302 H319 H332 H402	Harmful if swallowed Causes serious eye irritation Harmful if inhaled Harmful to aquatic life
<b>Pictogram(s)</b>		
<b>Precautionary Statement(s)</b>	P261 P264 P270 P271 P273 P280 P301+P312+P330 P302+P352 P304+P340 P305+P351+P338 P312 P312 P321 P501	Avoid breathing dust/fume/gas/mist/vapours/spray. Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product. Use only outdoors or in a well-ventilated area. Avoid release to the environment. Wear protective gloves/protective clothing/eye protection/face protection. IF SWALLOWED Call a POISON CENTER or doctor/physician if you feel unwell. Rinse mouth. IF ON SKIN Wash with soap and water. IF INHALED Remove victim to fresh air and keep at rest in a position comfortable for breathing. IF IN EYES Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. continue rinsing. Call a POISON CENTER or doctor/physician if you feel unwell. Call a POISON CENTER or doctor/physician if you feel unwell. Specific treatment (see see supplemental first aid instructions on this label on this label). Dispose of contents/container to an approved waste disposal plant.
<b>Hazards Not Otherwise Classified</b>	None known	
<b>Ingredient(s) with Unknown Toxicity</b>	No data Available	

## Section 3: Composition/Information on Ingredients

<b>Chemical Name</b>	Benzyl alcohol
<b>Common Name</b>	Benzyl Alcohol
<b>CAS Number</b>	100-51-6
<b>Impurities and/or Stabilizing Additives</b>	No data available

## Section 4: First Aid Measures

<b>General Advice</b>	Show this safety data sheet to the doctor in attendance. Self-Protection of the First-Aider Use personal protective equipment as required. Avoid contact with skin, eyes and clothing. Remove all sources of ignition. Notes to Physician Treat symptomatically.
<b>If Inhaled</b>	Remove to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. Consult a physician.
<b>In Case of Skin Contact</b>	Wash off immediately with soap and plenty of water removing all contaminated clothes and shoes. Wash contaminated clothing before reuse. Consult a physician.
<b>In Case of Eye Contact</b>	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Consult a physician.
<b>If Swallowed</b>	Do NOT induce vomiting. Rinse mouth. Never give anything by mouth to an unconscious person. Consult a physician.
<b>Most Important Symptoms and Effects</b>	No information available.

## Section 5: Fire Fighting Measures

<b>Suitable Extinguishing Media</b>	Flammable Properties Combustible liquid.Suitable Extinguishing Media Water spray. Carbon dioxide (CO2). Dry powder. Foam. Water mist may be used to cool closed containers.Eye Contact Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Consult a physician. Unsuitable Extinguishing Media No information available.
<b>Special Hazards Arising From the Substance/Mixture</b>	Keep product and empty container away from heat and sources of ignition. Risk of ignition.
<b>Special PPE and/or Precautions for Firefighters</b>	As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear. protective gear.

## Section 6: Accidental Release Measures

<b>Personal Precautions, Protective Equipment and Emergency Procedures</b>	Evacuate personnel to safe areas. Ensure adequate ventilation. Use personal protective equipment. Avoid contact with skin, eyes and clothing. In case of insufficient ventilation, wear suitable respiratory equipment. Remove all sources of ignition.
<b>Methods and Materials Used for Containment</b>	Local authorities should be advised if significant spillages cannot be contained. Prevent further leakage or spillage if safe to do so. Do not allow into any sewer, on the ground or into any body of water. Prevent product from entering drains. Do not flush into surface water or sanitary sewer system. Should not be released into the environment.
<b>Cleanup Procedures</b>	Evacuate personnel to safe areas. Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container. Ground and bond containers when transferring material. Take precautionary measures against static discharges. Use spark-proof tools and explosion-proof equipment. Remove all sources of ignition. Clean contaminated surface thoroughly.

## Section 7: Handling and Storage

<b>Precautions for Safe Handling</b>	Use only in an area equipped with a safety shower. Ensure that eyewash stations and safety showers are close to the workstation location. Ensure adequate ventilation. Do not breathe vapours or spray mist. Avoid contact with skin, eyes and clothing. Avoid repeated exposure. To avoid ignition of vapours by static electricity discharge, all metal parts of the equipment must be grounded. Take necessary action to avoid static electricity discharge (which might cause ignition of organic vapours). Keep away from open flames, hot surfaces and sources of ignition.
<b>Conditions for Safe Storage</b>	Keep containers tightly closed in a dry, cool and well-ventilated place. Keep in properly labelled containers. Hygroscopic. Protect from moisture. Protect from water. Incompatible Materials: Strong Acids. Incompatible with oxidizing agents. Iron. Aluminum. Plastics.

## Section 8: Exposure Controls/Personal Protection

<b>Components with Workplace Control Parameters</b>	This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.
<b>Appropriate Engineering Controls</b>	Ensure adequate ventilation, especially in confined areas. Handle in accordance with good industrial hygiene and safety practice.
<b>PPE - Eye/Face Protection</b>	Tightly fitting safety goggles.
<b>PPE - Skin Protection</b>	Use suitable eye protection and gloves.
<b>PPE - Body Protection</b>	Use suitable eye protection and gloves.
<b>PPE - Respiratory Protection</b>	In case of insufficient ventilation, wear suitable respiratory equipment.

## Section 9: Physical and Chemical Properties

<b>Appearance</b>	Appearance: Colorless Physical State: Liquid
<b>Upper/Lower Flammability or Explosive Limits</b>	Upper flammability limit 13%, Lower flammability limit 1.3%
<b>Odor</b>	Slightly Aromatic
<b>Vapor Pressure</b>	7 Pa @20 Deg. C
<b>Odor Threshold</b>	No information available
<b>Vapor Density</b>	3.7 (Air = 1)
<b>pH</b>	No data available
<b>Relative Density</b>	1.045 @ 20 Deg. C
<b>Melting Point/Freezing Point</b>	-15.4 °C
<b>Solubility</b>	Water Solubility 40g/L @ 25 °C, Solubility in other solvents No information available
<b>Initial Boiling Point and Boiling Range</b>	205 °C
<b>Flash Point</b>	100.4 °C CC (closed cup)
<b>Evaporation Rate</b>	No data available
<b>Flammability (Solid, Gas)</b>	No data available
<b>Partition Coefficient</b>	Not available
<b>Auto-Ignition Temperature</b>	436 °C Estimated
<b>Decomposition Temperature</b>	No data available
<b>Viscosity</b>	No information available

## Section 10: Stability and Reactivity

<b>Reactivity</b>	Not applicable.
<b>Chemical Stability</b>	Stable in the presence of Air, Benzyl alcohol will slowly oxidize to Benzaldehyde
<b>Possibility of Hazardous Reactions</b>	None under normal processing
<b>Conditions to Avoid</b>	Do not freeze. Avoid Exposure to Air, moisture, ignition sources and elevated temperatures.
<b>Incompatible Materials</b>	Strong Acids. Incompatible with oxidizing agents. Iron. Aluminum. Plastics.
<b>Hazardous Decomposition Products</b>	Carbon monoxide. Carbon dioxide (CO2). Benzaldehyde.

## Section 11: Toxicological Information

<b>Acute Toxicity - LD50 Oral</b>	ATEmix (oral) 1230 mg/kg ATEmix (dermal) 2000 mg/kg
<b>Acute Toxicity - Inhalation</b>	No data available
<b>Acute Toxicity - Dermal</b>	ATEmix (dermal) 2000 mg/kg
<b>Acute Toxicity - Eye</b>	Irritating to eyes. Redness. Pain. Avoid contact with eyes.
<b>Skin Corrosion/Irritation</b>	Harmful in contact with skin. Irritating to skin. May cause sensitization by skin contact. May cause dermatitis. Redness. Pain. Avoid contact with skin.
<b>Serious Eye Damage/Irritation</b>	No information available. Eye, rabbit: 750 ug Open SEV
<b>Respiratory or Skin Sensitization</b>	May cause sensitization by skin contact.
<b>Germ Cell Mutagenicity</b>	No information available.
<b>Carcinogenicity IARC</b>	No data available
<b>Carcinogenicity ACGIH</b>	No data available
<b>Carcinogenicity NTP</b>	No data available
<b>Carcinogenicity OSHA</b>	No data available
<b>Reproductive Toxicity</b>	No information available
<b>Specific Target Organ Toxicity - Single Exposure</b>	No information available
<b>Specific Target Organ Toxicity - Repeated Exposure</b>	No information available. Avoid repeated exposure. Target Organ Effects. Target Organ Effects Central nervous system (CNS).
<b>Aspiration Hazard</b>	No information available.

## Section 12: Ecological Information

<b>Toxicity</b>	Harmful to aquatic life. Avoid release to the environment. Fish 10: 96 h <i>Lepomis macrochirus</i> mg/L LC50static 460: 96 h <i>Pimephales promelas</i> mg/L LC50 static , Toxicity to microorganisms = 50 mg/L EC50 <i>Photobacterium phosphoreum</i> 5 min = 63.7 mg/L EC50 <i>Photobacterium phosphoreum</i> 15 min = 63.7 mg/L EC50 <i>Photobacterium phosphoreum</i> 5 min = 71.4 mg/L EC50 <i>Photobacterium phosphoreum</i> 30 min , Crustacea = 23 mg/L EC50 23: 48 h water flea mg/L 0 % of the mixture consists of component(s) of unknown hazards to the aquatic environment. Freshwater Algae Data: = 35 mg/L EC50. Microtox Data: = 50 mg/L EC50 <i>Photobacterium phosphoreum</i> 5 min = 63.7 mg/L EC50 <i>Photobacterium phosphoreum</i> 15 min = 63.7 mg/L EC50 <i>Photobacterium phosphoreum</i> 5 min = 71.4 mg/L EC50 <i>Photobacterium phosphoreum</i> 30 min. Water Flea Data: = 23 mg/L EC50
<b>Persistence and Degradability</b>	Readily biodegradability.
<b>Bio-accumulative Potential</b>	No information available.
<b>Mobility in Soil</b>	log Pow = 1.1
<b>Other Adverse Effects</b>	No data available.

## Section 13: Disposal Considerations

<b>Waste Treatment Methods Product</b>	Contact waste disposal services. Dispose of in accordance with local regulations.
<b>Waste Treatment Methods Packaging</b>	Dispose of in accordance with local regulations. Empty containers should be taken for local recycling, recovery or waste disposal.
<b>Special Precautions Landfill or Incinerations</b>	No data available
<b>Other Information</b>	No data available

## Section 14: Transport Information

<b>UN Number</b>	Not dangerous goods
<b>UN Proper Shipping Name</b>	N/A
<b>Transport Hazard Class(es)</b>	N/A
<b>Packaging Group</b>	N/A
<b>Environmental Hazards</b>	No data available

## Section 15: Regulatory Information

International Inventories U.S.A. (TSCA) Complies Canada (DSL) Complies EU (EINECS) Complies EU (ELINCS) Does not comply Japan (ENCS) Complies China (IECSC) Complies Korea (KECL) Complies Philippines (PICCS) Complies Australia (AICS) Complies Chemical Name U.S.A. (TSCA) Canada (DSL) EU (EINECS) EU (ELINCS) Benzyl alcohol Present Present Present - Component Japan (ENCS) China (IECSC) Korea (KECL) Philippines (PICCS) Australia (AICS) Benzyl alcohol 100-51-6 ( 100 ) Present (3)-1011 Present Present Present Present Chemical Name Mexico INV Taiwan INV Benzyl alcohol 100-51-6 Present - Federal Regulations SARA 313 Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372 SARA 311/312 Hazard Categories Acute Health Hazard Yes Chronic Health Hazard Yes Fire Hazard Yes Sudden Release of Pressure Hazard No Reactive Hazard No Chemical Name CAS No VOCs Benzyl alcohol 100-51-6 Present CWA (Clean Water Act) This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42) CERCLA This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material State Regulations California Proposition 65 This product does not contain any Proposition 65 chemicals. State Right-to-Know This product contains the following State Right-to-Know chemicals: Chemical Name New Jersey Massachusetts Illinois Rhode Island Pennsylvania Benzyl alcohol 100-51-6 Present Present U.S. EPA Label Information EPA Pesticide Registration Number Not applicable Canada WHMIS Statement This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

## Section 16: Other Information

<b>Additional Information</b>	N/A
<b>Prepared By</b>	Lisa Russell
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### Disclaimer

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