


Section 1: Identification

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

Section 2: Hazards Identification

Classification of Substance or Mixture	Acute toxicity, Oral (Category 4), Acute toxicity, Inhalation (Category 4), Serious eye damage/eye irritation (Category 2)	
Signal Word	Warning	
Hazard Statement(s)	H302 H319 H332 H402	Harmful if swallowed Causes serious eye irritation Harmful if inhaled Harmful to aquatic life
Pictogram(s)		
Precautionary Statement(s)	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 supplemental first aid instructions on this label on this label). Dispose of contents/container to an approved waste disposal plant.
Hazards Not Otherwise Classified	None known	
Ingredient(s) with Unknown Toxicity	No data Available	

Section 3: Composition/Information on Ingredients

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

Section 4: First Aid Measures

General Advice	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.
If Inhaled	Remove to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. Consult a physician.
In Case of Skin Contact	Wash off immediately with soap and plenty of water removing all contaminated clothes and shoes. Wash contaminated clothing before reuse. Consult a physician.
In Case of Eye Contact	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Consult a physician.
If Swallowed	Do NOT induce vomiting. Rinse mouth. Never give anything by mouth to an unconscious person. Consult a physician.
Most Important Symptoms and Effects	No information available.

Section 5: Fire Fighting Measures

Suitable Extinguishing Media	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.
Special Hazards Arising From the Substance/Mixture	Keep product and empty container away from heat and sources of ignition. Risk of ignition.
Special PPE and/or Precautions for Firefighters	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

Personal Precautions, Protective Equipment and Emergency Procedures	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.
Methods and Materials Used for Containment	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.
Cleanup Procedures	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

Precautions for Safe Handling	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.
Conditions for Safe Storage	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

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

Section 9: Physical and Chemical Properties

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

Section 10: Stability and Reactivity

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

Section 11: Toxicological Information

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

Section 12: Ecological Information

Toxicity	Harmful to aquatic life. Avoid release to the environment. Fish 10: 96 h <i>Lepomis macrochirus</i> mg/L LC50 static 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 components(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
Persistence and Degradability	Readily biodegradability.
Bio-accumulative Potential	No information available.
Mobility in Soil	log Pow = 1.1
Other Adverse Effects	No data available.

Section 13: Disposal Considerations

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

Section 14: Transport Information

UN Number	Not dangerous goods
UN Proper Shipping Name	N/A
Transport Hazard Class(es)	N/A
Packaging Group	N/A
Environmental Hazards	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

Additional Information	N/A
Prepared By	Lisa Russell
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Disclaimer

Letco Medical, LLC believes that the above information is correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. If the product is used as a component in another product, this information may not be applicable. NO WARRANTY OF FITNESS FOR ANY PARTICULAR PURPOSE, WARRANTY OF MERCHANTABILITY OR ANY OTHER WARRANTY, EXPRESSED OR IMPLIED, IS MADE CONCERNING THE INFORMATION PROVIDED ABOVE. Letco Medical shall not be held liable for any loss or damage resulting from handling, storage, use or from contact with the above product.