


Section 1: Identification	
Common Name/Trade Name	BENZYL ALCOHOL NF
Supplier Information	<p>Letco Medical, LLC 1316 Commerce Drive NW Decatur, AL 35601 1 (800) 239-5288 +1 (734) 843-4693</p> <p>IN CASE OF EMERGENCY: Chemtrec 1 (800) 424-9300 (24 hours)</p>
Product Synonym(s)	Benzenemethanol; 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), Acute toxicity, Dermal (Category 4), Skin Corrosion/Irritation (Category 2), Serous eye damage/eye irritation (Category 2), Specific target organ toxicity (single exposure) (Category 3), Flammable liquids (Category 4)
Signal Word	Warning
Hazard Statement(s)	<p>H227 Combustible liquid</p> <p>H302 Harmful if swallowed</p> <p>H312 Harmful in contact with skin</p> <p>H315 Causes skin irritation</p> <p>H319 Causes serious eye irritation</p> <p>H332 Harmful if inhaled</p> <p>H335 May cause respiratory irritation</p> <p>H336 May cause drowsiness or dizziness</p>
Pictogram(s)	
Precautionary Statement(s)	<p>P210 Keep away from heat/sparks/open flames/hot surfaces – No smoking.</p> <p>P235 Keep cool.</p> <p>P261 Avoid breathing dust/fume/gas/mist/vapours/spray.</p> <p>P264 Wash hands thoroughly after handling.</p> <p>P270 Do not eat, drink or smoke when using this product.</p> <p>P271 Use only outdoors or in a well-ventilated area.</p> <p>P280 Wear protective gloves/protective clothing/eye protection/face protection.</p> <p>P301+P312+P330 IF SWALLOWED Call a POISON CENTER or doctor/physician if you feel unwell. Rinse mouth.</p> <p>P302+P352 IF ON SKIN Wash with soap and water.</p> <p>P304+P340 IF INHALED Remove victim to fresh air and keep at rest in a position comfortable for breathing.</p> <p>P305+P351+P338 IF IN EYES Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. continue rinsing.</p> <p>P312 Call a POISON CENTER or doctor/physician if you feel unwell.</p> <p>P312 Call a POISON CENTER or doctor/physician if you feel unwell.</p> <p>P332+P313 If skin irritation occurs Get medical advice/attention.</p> <p>P337+P313 If eye irritation persists Get medical advice/attention.</p> <p>P362 Take off contaminated clothing and wash before reuse.</p> <p>P370+P378 In case of fire Use CO2, dry chemical, or foam for extinction.</p> <p>P403+P233 Store in a well ventilated place. Keep container tightly closed.</p> <p>P405 Store locked up.</p> <p>P501 Dispose of contents/container to an approved waste disposal plant.</p>
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. Protection of First-aiders Use personal protective equipment. Avoid contact with skin, eyes and clothing. Remove all sources of ignition. Notes to Physician Treat symptomatically.
If Inhaled	Move 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. Formula C7H8O 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	Thermal decomposition or combustion may produce hazardous gases and/or materials. 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.

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 material to contaminate ground water system. Prevent product from entering drains. Do not flush into surface water or sanitary sewer system. Should not be released into the environment. 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.
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 oxidizing agents. Acids. Plastics. Sulfuric acid. Hydrogen bromide.

Section 8: Exposure Controls/Personal Protection

Components with Workplace Control Parameters	This product 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	Wear protective gloves and protective clothing.
PPE - Body Protection	Wear protective gloves and protective clothing.
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	No information available
Odor	Aromatic
Vapor Pressure	0.01 kPa @ 20 °C
Odor Threshold	5.5 ppm
Vapor Density	3.72
pH	No data available
Relative Density	No data available
Melting Point/Freezing Point	-15 °C
Solubility	Water Solubility: 4g/100ml @ 20°C. Solubility in other solvents: No information available
Initial Boiling Point and Boiling Range	205 °C
Flash Point	93 °C
Evaporation Rate	No data available
Flammability (Solid, Gas)	No data available
Partition Coefficient	Not available
Auto-Ignition Temperature	436 °C
Decomposition Temperature	No data available
Viscosity	No information available

Section 10: Stability and Reactivity

Reactivity	Not applicable.
Chemical Stability	Stable under recommended storage conditions.
Possibility of Hazardous Reactions	None under normal processing
Conditions to Avoid	Combustible liquid. Keep away from open flames, hot surfaces and sources of ignition. Hygroscopic. Avoid moisture. Protect from water.
Incompatible Materials	Strong oxidizing agents. Acids. Plastics. Sulfuric acid. Hydrogen bromide.
Hazardous Decomposition Products	Carbon monoxide Carbon dioxide (CO ₂)

Section 11: Toxicological Information

Acute Toxicity - LD50 Oral	LD50 Oral: 1230 mg/kg (Rat)
Acute Toxicity - Inhalation	LC50 Inhalation: 8.8 mg/L (Rat) 4 h
Acute Toxicity - Dermal	LD50 Dermal: 2000 mg/kg (Rabbit)
Acute Toxicity - Eye	No data available
Skin Corrosion/Irritation	Irritation Skin,rabbit: 10 mg/24H open MLD ; Eye,rabbit: 750 ug Open SEV
Serious Eye Damage/Irritation	No information available.
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 Targer 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 with long lasting effects. Avoid release to the environment. No information available. 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 Photobacterium phosphoreum 5 min = 63.7 mg/L EC50 Photobacterium phosphoreum 15 min = 63.7 mg/L EC50 Photobacterium phosphoreum 5 min = 71.4 mg/L EC50 Photobacterium phosphoreum 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 Not regulated Contaminated Packaging Dispose of in accordance with local regulations. Empty containers should be taken for local recycling, recovery or waste disposal. U.S.A. (TSCA) Complies 14. TRANSPORT INFORMATION Canada (DSL) Complies ICAO EU (EINECS) Complies Not regulated Waste Disposal Method EU (ELINCS) Does not Comply Japan (ENCS) Complies China Complies IATA Korea (KECL) Complies Not regulated Contact waste disposal services. Dispose of in accordance with local regulations. Philippines (PICCS) Complies Australia (AICS) Complies IMDG/IMO Chemical Name U.S.A. (TSCA) Canada (DSL) EU (EINECS) EU (ELINCS) Not regulated Benzyl alcohol Present Present Present - DOT Chemical Name Japan (ENCS) China Korea (KECL) Philippines (PICCS) Australia (AICS) Not regulated Benzyl alcohol Present (3)-1011 Present Present Present 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 Hazardous Categorization: Acute Health Hazard U.S. EPA Label Information Yes Chronic Health Hazard Yes Fire Hazard Yes Sudden Release of Pressure Hazard No Reactive Hazard No 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 U.S. EPA Label Information Yes 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	Information on likely routes of exposure Eyes: Irritating to eyes. Redness. Pain. Avoid contact with eyes. Skin: Harmful in contact with skin. Irritating to skin. May cause sensitization by skin contact. May cause dermatitis. Redness. Pain. Avoid contact with skin. Inhalation: Harmful by inhalation. Irritating to mucous membranes. Irritating to respiratory system. Coughing. Shortness of breath. Avoid breathing vapors or mists. Ingestion: Harmful if swallowed. May cause nausea, headache and vomiting. Sore throat. Difficulty in breathing. Dizziness. Abdominal pain. Vomiting. Central nervous system depression. Convulsions. Do not ingest.
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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.