


Section 1: Identification

Common Name/Trade Name	CAFFEINE ANHYDROUS USP	
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)	N/A	
Relevant Use(s) of Product	Manufacture or Compounding of Substances	

Section 2: Hazards Identification

Classification of Substance or Mixture	Acute Toxicity (Category 4)	
Signal Word	Warning	
Hazard Statement(s)	H302	Harmful if swallowed
Pictogram(s)		
Precautionary Statement(s)	P264 P270 P301+P312 P330 P501	Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product. IF SWALLOWED Call a POISON CENTER or doctor/physician if you feel unwell. Rinse mouth. Dispose of contents/container to an approved waste disposal plant.
Hazards Not Otherwise Classified	No data available	
Ingredient(s) with Unknown Toxicity	No data available	

Section 3: Composition/Information on Ingredients

Chemical Name	Caffeine
Common Name	Caffeine Anhydrous
CAS Number	58-08-2
Impurities and/or Stabilizing Additives	No data available

Section 4: First Aid Measures

General Advice	Personal protection for the First Aider. Immediately remove any clothing soiled by the product. Remove breathing equipment only after contaminated clothing have been completely removed. In case of irregular breathing or respiratory arrest provide artificial respiration.
If Inhaled	Assure fresh air breathing. Rest. If you feel unwell, seek medical advice.
In Case of Skin Contact	Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse.
In Case of Eye Contact	Rinse immediately with plenty of water. Obtain medical attention if pain, blinking, tears or redness persist.
If Swallowed	Rinse mouth. If swallowed, seek medical advice immediately and show this container or label.
Most Important Symptoms and Effects	No data available. In case of reactions described in hazards identification or other severe, immediate or persisting symptoms seek medical advice and call the nearest poison center. Show the label and safety data sheet.

Section 5: Fire Fighting Measures

Suitable Extinguishing Media	- Suitable extinguishing media: Water spray, Carbon dioxide, Dry powder. - Unsuitable extinguishing media: Do not use a heavy water stream. Surrounding fires : Use water spray or fog for cooling exposed containers.
Special Hazards Arising From the Substance/Mixture	Incomplete combustion will generate poisonous carbon monoxide, carbon dioxide and other toxic gases.
Special PPE and/or Precautions for Firefighters	Do not enter fire area without proper protective equipment, including respiratory protection. As with all fires, evacuate personnel to a safe area. Firefighters should use self-contained breathing equipment and protective clothing.

Section 6: Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures	Remove ignition sources. Evacuate area. Spill should be handled by trained cleaning personnel properly equipped with respiratory protection, chemically compatible gloves and eye protection.
Methods and Materials Used for Containment	Do not allow product to reach sewage system or any water source. Dispose of waste recovered in accordance with applicable regulations. If the product contaminates waterways, rivers or drains, alert the relevant authorities in accordance with statutory procedures. Clean spills promptly. To clean the floor and all objects contaminated by this material, use: sodium hypochlorite solution. Ensure adequate ventilation.
Cleanup Procedures	Clean spills promptly. To clean the floor and all objects contaminated by this material, use: sodium hypochlorite solution. Ensure adequate ventilation.

Section 7: Handling and Storage

Precautions for Safe Handling	Avoid all unnecessary exposure. Ensure prompt removal from eyes, skin and clothing. As a general rule, when handling Caffeine avoid all contact and inhalation of dust, mists, and/or vapors associated with the material. Wash thoroughly after handling.
Conditions for Safe Storage	Keep away from open flame, sources of ignition and sparks. Preserve in well-closed containers. Store away from: All heat sources, including direct sunlight. Open flame. Sources of ignition. Sparks. Incompatible materials.

Section 8: Exposure Controls/Personal Protection

Components with Workplace Control Parameters	Exposure limit: Industry: 200 micrograms/m3
Appropriate Engineering Controls	The usual precautionary measures are to be adhered to when handling chemicals. Do not eat, drink, smoke, or sniff while working. Do not inhale dust/smoke/mist. Avoid contact with the eyes and skin. Keep away from foodstuffs, beverages, and feed.
PPE - Eye/Face Protection	Chemical goggles or safety glasses.
PPE - Skin Protection	Wear suitable protective clothing.
PPE - Body Protection	Wear suitable protective clothing.
PPE - Respiratory Protection	Wear approved mask. In case of insufficient ventilation, wear suitable respiratory equipment.

Section 9: Physical and Chemical Properties

Appearance	White crystalline powder
Upper/Lower Flammability or Explosive Limits	No data available
Odor	Odorless
Vapor Pressure	15 mmHg at 89C.
Odor Threshold	No data available
Vapor Density	No data available
pH	No data available
Relative Density	No data available
Melting Point/Freezing Point	Melting range: 234-239C
Solubility	Sparingly soluble in water, freely soluble in boiling water, slightly soluble in ethanol (96%). It dissolves in concentrated solutions of alkali benzoates or salicylates.
Initial Boiling Point and Boiling Range	178C (sublimes)
Flash Point	No data available
Evaporation Rate	No data available
Flammability (Solid, Gas)	No data available
Partition Coefficient	No data available
Auto-Ignition Temperature	Auto-ignition temperature: 540-600C
Decomposition Temperature	No data available
Viscosity	No data available

Section 10: Stability and Reactivity

Reactivity	Stable under normal conditions.
Chemical Stability	Stable under normal conditions. Hazardous polymerization will not occur.
Possibility of Hazardous Reactions	None under normal conditions.
Conditions to Avoid	See incompatible material.
Incompatible Materials	Strong oxidizers, iodine silver salts, tannins, strong caustic alkali solutions.
Hazardous Decomposition Products	Carbon monoxide, Carbon dioxide, Nitrogen oxides. When heated to decomposition, emits dangerous fumes.

Section 11: Toxicological Information

Acute Toxicity - LD50 Oral	Rat oral LD50 [mg/kg]: 328. Acute toxicity: Nervous system disorders. Affects nervous system. Nervousness. Restlessness. Psychiatric disorders. May produce irregular heart beat and nervous symptoms. Reduced blood pressure. Gastrointestinal disorders. Weakness. Headache. Blurred vision.
Acute Toxicity - Inhalation	No data available
Acute Toxicity - Dermal	No data available
Acute Toxicity - Eye	No data available
Skin Corrosion/Irritation	No data available
Serious Eye Damage/Irritation	No data available
Respiratory or Skin Sensitization	No data available
Germ Cell Mutagenicity	No data available
Carcinogenicity IARC	No data available
Carcinogenicity ACGIH	No data available
Carcinogenicity NTP	No data available
Carcinogenicity OSHA	No data available
Reproductive Toxicity	No data available
Specific Target Organ Toxicity - Single Exposure	No data available
Specific Target Organ Toxicity - Repeated Exposure	No data available
Aspiration Hazard	No data available

Section 12: Ecological Information

Toxicity	Ecological effects information: May be toxic to aquatic life.
Persistence and Degradability	No data available
Bio-accumulative Potential	Weak.
Mobility in Soil	No data available
Other Adverse Effects	No data available

Section 13: Disposal Considerations

Waste Treatment Methods Product	General: Dispose of this material and its container at hazardous or special waste collection point. Dispose in a safe manner in accordance with local/national regulations.
Waste Treatment Methods Packaging	General: Dispose of this material and its container at hazardous or special waste collection point. Dispose in a safe manner in accordance with local/national regulations.
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

In accordance with the Reach regulation (EC) 1907/2006, the product does not contain any substances that are considered as subject to listing in annex XIV, inventory of substances requiring authorization. In accordance with article 57 and article 59 of the Reach regulation (EC) 1907/2006, the substance is not considered as subject to listing in annex XIV, inventory of substances requiring authorization ("Authorization list"). The substance is not subject to the provisions of annex XVII (restriction entries) of the Reach regulation (EC) 1907/2006. The substance is not subject to Part 1 or 2 of Annex 1.

Section 16: Other Information

Additional Information	N/A
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