


Section 1: Identification

Common Name/Trade Name	FUROSEMIDE 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) NSW Poisons Information Centre: 131 126 (24 hours)
Distributor Name	Bella Corp Trading Pty Ltd 6/34 Dominions Road, Ashmore QLD 4214, Australia Telephone: 07 5597 4169 Email: bellacorp@bellacorp.com.au	
Product Synonym(s)	4-Chloro-2-[(furan-2-ylmethyl) amino]-5-sulfamoyl benzoic acid.	
Relevant Use(s) of Product	Manufacture or Compounding of Substances	

Section 2: Hazards Identification

Classification of Substance or Mixture	Reproductive toxicity (Category 2)	
Signal Word	Danger	
Hazard Statement(s)	H360 May damage fertility or the unborn child	
Pictogram(s)		
Precautionary Statement(s)	P201 Obtain special instructions before use. P202 Do not handle until all safety precautions have been read and understood. P281 Use personal protective equipment as required. P308+P313 IF exposed or concerned, get medical advice/attention. P405 Store locked up. P501 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	Benzoic acid, 5-(aminosulfonyl)-4-Chloro-2-[(2-furanylmethyl)amino]-; 4 Chloro-N-furfuryl-5-sulfamoylanthranilic acid.
Common Name	Furosemide
CAS Number	54-31-9
Impurities and/or Stabilizing Additives	No data available

Section 4: First Aid Measures

General Advice	Remove from exposure. Remove contaminated clothing. Treat symptomatically.
If Inhaled	Move to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.
In Case of Skin Contact	Wash with soap and water. Cover the irritated skin with an emollient. Get medical attention if irritation develops.
In Case of Eye Contact	Rinse eye with water as precaution. If eye irritation persists: Get medical advice/attention.
If Swallowed	Get immediate medical/advice/attention. Rinse mouth. Do not induce vomiting.
Most Important Symptoms and Effects	Most important symptoms and effects, both acute and delayed: Nausea, Vomiting, Diarrhea, Gast

Section 5: Fire Fighting Measures

Suitable Extinguishing Media	CO ₂ , extinguishing powder or water spray. Use firefighting measures suiting the environment.
Special Hazards Arising From the Substance/Mixture	Carbon monoxide (CO), Carbon dioxide (CO ₂), Sulphur oxide (SO ₂), Hydrogen chloride (HCl)
Special PPE and/or Precautions for Firefighters	Wear self-contained breathing apparatus; complete protective clothing for firefighting if necessary. As in any fire, use water spray to cool unopened containers. As with all fires, evacuate personnel to a safe area. Wear self-contained breathing apparatus. General fire hazards: No unusual fire or explosion hazard noted.

Section 6: Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures	Ensure adequate air ventilation. Avoid dust formation. Water breathing, wear protective clothing. Wear respiratory protective device. For personal protection, see section 8.
Methods and Materials Used for Containment	Ventilate spillage area. Do not breathe dust. Prohibit unauthorized persons. Provide adequate ventilation to minimize dust concentration. Do not breathe dust. Avoid subsoil penetration. Notify authorities if liquid enters sewers or public waters.
Cleanup Procedures	Mechanically recover the product. Notify authorities if liquid enters sewers or public waters. Collect into suitable and closed containers for disposal. Do not attempt to take action without suitable equipment. For further information, refer to section 8. "Exposure control/personal protection".

Section 7: Handling and Storage

Precautions for Safe Handling	Handle product only in closed system or provide appropriate exhaust ventilation. Obtain special instruction before use. Do not handle until all safety precautions have been read and understood. Wear personal protective equipment. Avoid contact with skin. Do not eat, drink or smoke when using this product. Do not breathe dust. Always wash hands after handling the product.
Conditions for Safe Storage	Preserve in well-closed, light-resistant containers. Store at 25°C. Excursions permitted between 15-30°C.

Section 8: Exposure Controls/Personal Protection

Components with Workplace Control Parameters	No data available.
Appropriate Engineering Controls	Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits.
PPE - Eye/Face Protection	Safety goggles.
PPE - Skin Protection	Compatible chemical-resistant gloves
PPE - Body Protection	Wear suitable protective clothing.
PPE - Respiratory Protection	Where risk assessment shows air-purifying respirators are appropriate, use a full-face particle respirator type N100 (US) or type P3 (EN 143) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Section 9: Physical and Chemical Properties

Appearance	White yellowish powder
Upper/Lower Flammability or Explosive Limits	No data available
Odor	Odorless
Vapor Pressure	No data available
Odor Threshold	No data available
Vapor Density	No data available
pH	No data available
Relative Density	No data available
Melting Point/Freezing Point	Melting point/range: 203 – 205°C
Solubility	Insoluble in water, MDC, Soluble in acetone, ethanol
Initial Boiling Point and Boiling Range	No data available
Flash Point	No data available
Evaporation Rate	No data available
Flammability (Solid, Gas)	No data available
Partition Coefficient	L of Pow: 2.03
Auto-Ignition Temperature	No data available
Decomposition Temperature	No data available
Viscosity	No data available

Section 10: Stability and Reactivity

Reactivity	No dangerous reactions known.
Chemical Stability	Stable under normal conditions
Possibility of Hazardous Reactions	No dangerous reaction known under normal conditions
Conditions to Avoid	None under recommended storage and handling conditions (see section 7)
Incompatible Materials	Strong oxidants
Hazardous Decomposition Products	Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Section 11: Toxicological Information

Acute Toxicity - LD50 Oral	: Slightly Toxic: LD50: 2000 mg/kg
Acute Toxicity - Inhalation	No data available
Acute Toxicity - Dermal	No data available
Acute Toxicity - Eye	No data available
Skin Corrosion/Irritation	Not classified
Serious Eye Damage/Irritation	Not classified
Respiratory or Skin Sensitisation	Not classified
Germ Cell Mutagenicity	Not classified
Carcinogenicity IARC	3- Group 3: Not classifiable as to its carcinogenicity to humans (Furosemide)
Carcinogenicity ACGIH	No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.
Carcinogenicity NTP	No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.
Carcinogenicity OSHA	No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.
Reproductive Toxicity	Suspected of damaging fertility. Suspected of damaging the unborn child. Teratogenic effects may be possible (animal experiment).
Specific Target Organ Toxicity - Single Exposure	Not classified
Specific Target Organ Toxicity - Repeated Exposure	Not classified
Aspiration Hazard	No data available

Section 12: Ecological Information

Toxicity	The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.
Persistence and Degradability	Possibly hazardous short-term degradation products are not likely. However, long-term degradation products may arise.
Bio-accumulative Potential	Log Pow: 2.03
Mobility in Soil	No additional information available
Other Adverse Effects	No data available

Section 13: Disposal Considerations

Waste Treatment Methods Product	Can be disposed of in accordance with the regulations and in consultation with the disposal agency and the relevant authorities.
Waste Treatment Methods Packaging	Uncontaminated packaging may be taken for recycling.
Special Precautions Landfill or Incinerations	Disposal should be done as per the official regulations.
Other Information	No data available

Section 14: Transport Information

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

Section 15: Regulatory Information

SARA 313 (TRI reporting): Not regulated. Other federal regulations: Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List: Not regulated. California Safe Drinking Water and Toxic Enforcement Act of 2016 (Proposition 65): This material is not known to contain any chemicals currently listed as carcinogens or reproductive toxins. For more information, go to www.p65Warnings.ca.gov. International Inventory information available upon request.

Section 16: Other Information

Additional Information	N/A
Prepared By	Scarlotte Smith
Revision Date	08/30/2023 13:30

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.