


Section 1: Identification

Common Name/Trade Name	BUSPIRONE HYDROCHLORIDE	
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)
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)	Azaspiro[4,5] decane-7,9-dione, 8-[4-[4-(2-pyrimidinyl)-1-piperazinyl]butyl]-, monohydrochloride	
Relevant Use(s) of Product	Manufacture or Compounding of Substances	

Section 2: Hazards Identification

Classification of Substance or Mixture	Acute toxicity, Oral (Category 3), Skin corrosion/irritation (Category 2), Serious eye damage/eye irritation (Category 2A), Specific target organ toxicity (single exposure) (Category 3)	
Signal Word	Danger	
Hazard Statement(s)	H301 H315 H319 H335	Toxic if swallowed Causes skin irritation Causes serious eye irritation May cause respiratory irritation
Pictogram(s)		
Precautionary Statement(s)	P261 P264 P271 P280 P301+P310 P302+P352 P305+P351+P338 P312 P337+P313 P403+P233 P405 P501	Avoid breathing dust/fume/gas/mist/vapours/spray. Wash hands thoroughly after handling. Use only outdoors or in a well-ventilated area. Wear protective gloves/protective clothing/eye protection/face protection. IF SWALLOWED Immediately call a POISON CENTER or doctor/physician. IF ON SKIN Wash with soap and water. 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. If eye irritation persists Get medical advice/attention. Store in a well-ventilated place. Keep container tightly closed. Store locked up. 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	Buspirone Hydrochloride
Common Name	Buspirone Hydrochloride
CAS Number	33386-08-2
Impurities and/or Stabilizing Additives	No data available

Section 4: First Aid Measures

General Advice	Immediate medical attention is required. If symptoms persist, call a physician.
If Inhaled	Immediate medical attention is required. Remove to fresh air. If not breathing, give artificial respiration. Avoid direct contact with skin. Use barrier to give mouth to mouth resuscitation. Artificial respiration and/or oxygen may be necessary. Call a physician. Move to fresh air in case of accidental inhalation of vapors. If symptoms persist, call a physician.
In Case of Skin Contact	Take off contaminated clothing and shoes immediately. Wash off with plenty of water and soap for at least 15 minutes. Call a poison control center or doctor for treatment advice.
In Case of Eye Contact	Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Keep eye wide open while rinsing. Call a physician immediately. If symptoms persist, call a physician.
If Swallowed	Do NOT induce vomiting. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person. Drink plenty of water. Clean mouth with water and drink afterwards plenty of water. Call a physician.
Most Important Symptoms and Effects	Treat symptomatically.

Section 5: Fire Fighting Measures

Suitable Extinguishing Media	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Special Hazards Arising From the Substance/Mixture	Thermal decomposition can lead to release of toxic/corrosive gases and vapors. Hazardous combustion products: Carbon oxides (COx), nitrogen oxides (NOx), Phosgene. Hazardous decomposition products: Emits toxic fumes under fire conditions.
Special PPE and/or Precautions for Firefighters	In the event of fire, wear self-contained breathing apparatus and suitable protective clothing. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Remove undamaged containers from fire area if it is safe to do so. Evacuate area. Use water spray to cool unopened containers. Collect contaminated fire extinguishing water separately. This must not be discharged into drains. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

Section 6: Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures	Do not take action without suitable protective clothing - see section 8 of SDS. Evacuate personnel to safe areas. Ensure adequate ventilation. Avoid breathing vapors, mist, dust or gas. For additional information, refer to Section 8, Exposure Controls and Personal Protection.
Methods and Materials Used for Containment	Discharge into the environment must be avoided. Prevent spreading over a wide area (e.g. by containment or oil barriers). Retain and dispose of contaminated wash water. Local authorities should be advised if significant spillages cannot be contained. Prevent from entering into soil, ditches, sewers, waterways and/or groundwater.
Cleanup Procedures	Sweep up or vacuum up spillage and collect in suitable container for disposal. Avoid dust formation. Dispose of contaminated material as waste according to item 13. Ensure adequate ventilation.

Section 7: Handling and Storage

Precautions for Safe Handling	Use in a chemical fume hood, with air supplied by an independent system. Avoid inhalation, contact with eyes, skin and clothing. Avoid the formation of dust and aerosols. Use in a well-ventilated area. Keep away from sources of ignition. Avoid prolonged or repeated exposure. Handle in accordance with good industrial hygiene and safety practice. Smoking, eating and drinking should be prohibited in the application area. Wash hands before breaks and at the end of the workday. Keep out of reach of children.
Conditions for Safe Storage	Preserve in tight, light resistant containers, below 25°C with excursion permitted from 15°C - 30°C.

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	When using do not eat, drink or smoke. Regular cleaning of equipment, work area and clothing is recommended. Avoid contact with skin, eyes or clothing. Wash hands thoroughly after handling. Keep away from food, drink and animal feeding stuffs. All chemical protective clothing should be visually inspected prior to use. Clothing and gloves should be replaced in case of chemical or physical damage if contaminated.
PPE - Eye/Face Protection	Safety glasses with side shields conforming to EN166.
PPE - Skin Protection	Nitrile rubber gloves of thickness 0.4 - 0.7 mm and gauntlets of 35 cm long or longer with Class 6 Protection Index and wearing time of >480 min. Guideline EN374. Gloves should be discarded and replaced if there is any indication of chemical breakthrough. Before removing gloves clean them with soap and water.
PPE - Body Protection	Full protective clothing Type 5 (EN 13982-2). Nitrile rubber boots (EN 13832-3 / EN ISO 20345)
PPE - Respiratory Protection	Half-mask with particle filter FFP2 (EN 149).

Section 9: Physical and Chemical Properties

Appearance	White 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	201 – 205°C
Solubility	Soluble in water. Soluble in ethanol, chloroform.
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	No data available
Auto-Ignition Temperature	No data available
Decomposition Temperature	No data available
Viscosity	No data available

Section 10: Stability and Reactivity

Reactivity	Stable under recommended transport or storage conditions.
Chemical Stability	Stable under recommended storage conditions.
Possibility of Hazardous Reactions	Hazardous reactions will not occur under normal transport or storage conditions. Decomposition may occur on exposure to conditions or materials listed below.
Conditions to Avoid	Avoid exposure to heat, sources of ignition, and open flame. Avoid contact with foodstuffs.
Incompatible Materials	Strong acids/alkalis, strong oxidizing/reducing agents.
Hazardous Decomposition Products	In combustion may emit toxic fumes. No known decomposition information.

Section 11: Toxicological Information

Acute Toxicity - LD50 Oral	Oral LD50 = 196 mg/kg (Rat); Intraperitoneal LD50 (Rat): 136 mg/kg; Oral LD50 (Mouse): 655 mg/kg; Intraperitoneal LD50 (Mouse): 146 mg/kg OECD Test Guideline 423.
Acute Toxicity - Inhalation	Not classified.
Acute Toxicity - Dermal	Not classified.
Acute Toxicity - Eye	Causes serious eye irritation.
Skin Corrosion/Irritation	Causes skin irritation
Serious Eye Damage/Irritation	Causes serious eye irritation.
Respiratory or Skin Sensitization	Not classified.
Germ Cell Mutagenicity	Not classified.
Carcinogenicity IARC	Not classified.
Carcinogenicity ACGIH	Not classified.
Carcinogenicity NTP	Not classified.
Carcinogenicity OSHA	Not classified.
Reproductive Toxicity	Not classified.
Specific Target Organ Toxicity - Single Exposure	May cause respiratory irritation.
Specific Target Organ Toxicity - Repeated Exposure	Not classified.
Aspiration Hazard	Not classified.

Section 12: Ecological Information

Toxicity	No data available
Persistence and Degradability	Persistence is unlikely based on information available.
Bio-accumulative Potential	No information available
Mobility in Soil	No data available
Other Adverse Effects	This substance/mixture contains no components considered to be either persistent, bio-accumulative and toxic (PBT), or very persistent and very bio-accumulative (vPvB) at levels of 0.1% or higher.

Section 13: Disposal Considerations

Waste Treatment Methods Product	Avoid release into the environment. If wastes and/or containers cannot be disposed of according to the product label directions, disposal of this material must be in accordance with your local or area regulatory authorities.
Waste Treatment Methods Packaging	Empty remaining contents. Dispose of as unused product. Do not re-use empty containers. Do not burn, or use a cutting torch on the empty drum.
Special Precautions Landfill or Incinerations	No data available
Other Information	No data available

Section 14: Transport Information

UN Number	3249
UN Proper Shipping Name	MEDICINE, SOLID, TOXIC, N.O.S. (Buspirone Hydrochloride)
Transport Hazard Class(es)	6.1
Packaging Group	III
Environmental Hazards	No data available.

Section 15: Regulatory Information

The substance is classified as dangerous in accordance with Directive 1999/45/EC. Take note of Dir 94/33/EC on the protection of young people at work. Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work. Take note of Directive 96/82/EC on the control of major-accident hazards involving dangerous substances. Take note of Directive 2000/39/EC establishing a first list of indicative occupational exposure limit values. EINECS-Listed. KECL-Listed. TCSI-Listed. NZIoC-Listed.

Section 16: Other Information

Additional Information	N/A
Prepared By	Scarlotte Smith
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