



**Material Safety Data Sheet
GLIMEPIRIDE SULFONAMIDE**

Section 1: Chemical Product and Company Identification	
Product Name: Glimepiride sulfonamide Chemical Formula: C ₁₆ H ₂₁ N ₃ O ₄ S	Contact Information: Kairav Chemofarbe Industries Ltd 502, Filix, LBS Marg, Opposite Asian paints, Bhandup (W), Mumbai 400078 Tel. No. :- 022-25968361/62
Section 2: Composition and Information on Ingredients	
Formula: C ₁₆ H ₂₁ N ₃ O ₄ S Synonym: n/f Chemical Name: Glimepiride sulfonamide CAS: 119018-29-0 RTECS Number: n/f Chemical Family: n/f Therapeutic Category: n/f Composition: Pure Material	
Section 3: Hazardous Identification	
Information on the chemical, physical and toxicological properties of this material is not readily available. Individuals working with this chemical should consider it to be potentially hazardous even if its actual hazards may be uncharacterized or unknown. Adverse Effects: Possible allergic reaction to material if inhaled, ingested or in contact with skin. Overdose Effects: n/f Acute: Possible eye, skin, gastrointestinal and/or respiratory tract irritation. Chronic: Possible hypersensitization. Medical Conditions Aggravated by Exposure: Hypersensitivity to material. Cross Sensitivity: n/f Target Organs: n/f For additional information on toxicity, see Section 11.	
Section 4: First Aid Measures	
Inhalation: May cause irritation. Remove to fresh air.	

Eye: May cause irritation. Flush with copious quantities of water.

Skin: May cause irritation. Flush with copious quantities of water.

Ingestion: May cause irritation. Flush out mouth with water.

General First Aid Procedures: Remove from exposure. Remove contaminated clothing. Persons developing serious hypersensitivity (anaphylactic) reactions must receive immediate medical attention. If person is not breathing give artificial respiration. If breathing is difficult give oxygen. Obtain medical attention.

Note to Physicians

Overdose Treatment: For current information about the treatment of overdose, consult a certified Regional Poison Control Center by calling the number listed in your local telephone directory.

Section 5: Fire and Explosion Data

Extinguisher Media: Water spray, dry chemical, carbon dioxide or foam as appropriate for surrounding fire and materials.

Firefighting Procedures: As with all fires, evacuate personnel to a safe area. Firefighters should use self-contained breathing equipment and protective clothing.

Fire and Explosion Hazards: This material is assumed to be combustible. As with all dry powders it is advisable to ground mechanical equipment in contact with dry material to dissipate the potential buildup of static electricity.

Section 6: Accidental Release Measures

Spill Response: Wear approved respiratory protection, chemically compatible gloves and protective clothing. Wipe up spillage or collect spillage using a high efficiency vacuum cleaner. Avoid breathing dust. Place spillage in appropriately labeled container for disposal. Wash spill site.

Section 7: Handling and Storage

Handling: As a general rule, when handling USP Reference Standards avoid all contact and inhalation of dust, mists, and/or vapors associated with the material. Wash thoroughly after handling.

Storage: Store in tight, light-resistant container as defined in the USP-NF. This material should be handled and stored per label instructions to ensure product integrity

Section 8: Exposure Controls, Personal Protection

Engineering Controls: Engineering controls such as exhaust ventilation are recommended.

Respiratory Protection: Use a NIOSH approved respirator, if it is determined to be necessary by an industrial hygiene survey involving air monitoring. In the event that a respirator is not required, an approved dust mask should be used.

Gloves: Chemically compatible

Eye Protection: Safety glasses or goggles

Protective Clothing: Protect exposed skin.

Exposure Limits: n/f

Section 9: Physical and Chemical Properties

Appearance and Odor: White powder.
Odor Threshold: n/f
pH: 5.5
Melting Range: 175 -180 ° C
Boiling Point: n/f
Flash Point: n/f
Autoignition Temperature: >400° C
Evaporation Rate: n/f
Vapor Pressure: n/f
Percent Volatile: n/f
Vapor Density: n/f
Upper Flammability Limit: n/f
Lower Flammability Limit: n/f
Fat Solubility: n/f
Other Solubility: Soluble in ethanol
Partition Coefficient: n-octanol/water: 1.6

Explosive Properties: n/f
Oxidizing Properties: n/f
Molecular Weight: 351.426
Formula: C₁₆H₂₁N₃O₄S
Autoignition Temperature: >400° C

Section 10: Stability and Reactivity Data

Conditions to Avoid: Avoid exposure to light.
Incompatibilities: n/f
Decomposition Products: When heated to decomposition material emits toxic fumes of NOX and SO₂. Emits toxic fumes under fire conditions.
Stable? Yes **Hazardous Polymerization?** No

Section 11: Toxicological Information

Oral Rat: LD50: >2000 mg/kg
Oral Mouse: LD50: >2000 mg/kg
Listed as a Carcinogen by: NTP: No **IARC:** No **OSHA:** No
Irritancy Data: n/f
Other Toxicity Data: Dermal Rabbit LD50: >2000 mg/kg
Corrosivity: n/f
Sensitization Data: n/f
Other Carcinogenicity Data: n/f
Mutagenicity Data: n/f
Reproductive and Developmental Effects: n/f

Section 12: Ecological Information

Ecological Information: Biodegradability: <20% (28 day)
Zebra fish LC50: 332 mg/L (48 hr, 96 hr)

Daphnia magna EC50: 60 - 99 mg/L (48 hr)
Section 13: Disposal Considerations
Disposal: Dispose of waste in accordance with all applicable Federal, State and local laws.
Section 14: Transport Information
Shipping Name: n/f Class: n/f UN Number: n/f Packing Group: n/f Additional Transport Information: n/f
Section 15: Other Regulatory Information
Section 16: Other Information
<p>The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no way shall the company be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if the company has been advised of the possibility of such damages.</p>