

NBP2-30141 Protocol**MSDS (NBP2-30141)**

Glybenclamide (NLRP3 Inhibitor): https://www.novusbio.com/products/glybenclamide-inhibitor_nbp2-30141
Material Safety Data Sheet for Glybenclamide

Hazard Information

Chemical Name Glybenclamide
Chemical Formula C₂₃H₂₈ClN₃O₅S
CAS Number 10238-21-8
EEC-No 233-570-6

Hazard Identification

Physical/chemical hazards

First Aid Measures

Eye Contact Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention.

Skin Contact In case of contact, immediately flush skin with plenty of water. Remove contaminated clothing and shoes. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention.

Inhalation If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

Ingestion Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Loosen tight clothing such as a collar, tie, belt or waistband. Get medical attention if symptoms appear.

Accidental Release Measures

Splash goggles. Full suit. Boots. Gloves. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product. Use appropriate tools to put the spilled solid in a convenient waste disposal container. Use a shovel to put the material into a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and allow to evacuate thorough the sanitary system.

Handling and Storage

Handling Keep away from heat. Keep away from sources of ignition. Empty containers pose a fire risk, evaporate the residue under a fume hood. Ground all equipment containing material. Do not ingest. Do not breathe dust. If ingested, seek medical advice immediately and show the container or the label. Keep container tightly closed. Keep container in a cool, well-ventilated area. Do not store above 20 degrees C (68 degrees F). Use original container.

Exposure Controls / Personal Protection

Respirator Wash hands after handling compounds and before eating, smoking, using lavatory, and at the end of day.

Ventilation yes

Gloves gloves

Eye Protection safety glasses

Other Precautions Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels low.

Physical and Chemical Properties

Form Powder

Color White

Odor Odorless

Melting Point No data available

Boiling Temperature No data available

Density No data available

Vapor Pressure No data available

Solubility in Water Very soluble

Flash Point No data available

Explosion limits No data available
Ignition Temperature No data available

Stability and Reactivity
The product is stable.

Toxicological Information
These products are carbon oxides (CO, CO₂), nitrogen oxides (NO, NO₂...), sulfur oxides (SO₂, SO₃...), halogenated compounds. Not considered to be toxic for humans.

Disposal Considerations
Waste must be disposed of in accordance with federal, state and local environmental control regulations.

Other Information
This product is not classified according to the EU regulations.