

SAFETY DATA SHEETS

This SDS packet was issued with item:

078397970

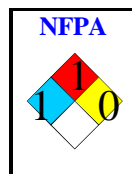
The safety data sheets (SDS) in this packet apply to the individual products listed below. Please refer to invoice for specific item number(s).









078683153



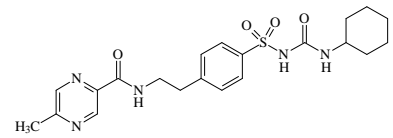
APOTEX INC.

Workplace Material Safety Data Sheet




Canadian Classifications			
WHMIS	Apotex Haz. Class	Protective Clothing	TDG Air/Road/Rail
 Covered by Food & Drug Act and therefore not regulated under WHMIS	2	     	

Section 1. Product Identification and Uses

Common/Trade name	Glipizide	CI#	GLIPIZIDE2216
Synonyms	Glucatorl; Glucotrol XL; Glydiazinamide	DSL#	Not on the DSL list.
Chemical name	Urea, 1-cyclohexyl-3-((p-(2-(5-methylpyrazinecarboxamido)ethyl)phenyl)sulfonyl	CAS#	29094-61-9
Chemical formula	C ₂₁ H ₂₇ N ₅ O ₄ S	Code	2216
Chemical family	Sulfonylurea	Molecular weight	527.64 g/mole
Supplier	United States Pharmacopeial Convention, Inc. 12601 Twinbrook Parkway Rockville, MD 20852 USA (301) 881-0666	Chemical structure	
Material uses	Pharmaceutical active ingredient. Therapeutic category: Antidiabetic.	Manufacturer	Not available
Emergency phone	(416)-749-9300 ext. 5555 For general information call ext. 8483 (8 AM-4 PM)	DIN	Not applicable.

Section 2. Hazards Identification

Potential Acute Health Effects	Possible eye, skin, gastrointestinal and/or respiratory tract irritation.
Potential Chronic Health Effects	Possible hypersensitization and changes in blood sugar levels.
WHMIS	CLASS D-2B: Material causing other toxic effects (TOXIC).  Remark Covered by Food & Drug Act and therefore not regulated under WHMIS

Continued on Next Page

Section 3. First Aid Measures

Eye contact	IMMEDIATELY flush eyes with running water for at least 15 minutes, keeping eyelids open. Take care not to rinse contaminated water into the non-affected eye. Always seek medical attention for accidents involving the eyes.
Skin contact	Flush the contact area with lukewarm running water.
Hazardous skin contact	Flush the contact area with lukewarm running water for at least 15 minutes. Remove contaminated clothing, taking care not to spread the chemical. Seek medical attention if irritation persists.
Slight inhalation	Allow the victim to rest in a well ventilated area. If symptoms persist, obtain medical advice.
Hazardous inhalation	Take proper precautions to ensure your own safety before attempting rescue. Remove source of contamination or move victim to fresh air. If breathing has stopped, trained personnel should begin artificial respiration, or if the heart has stopped, cardiopulmonary resuscitation (CPR) immediately. Seek medical attention.
Slight ingestion	Flush out mouth with water. Seek medical attention if irritation persists.
Hazardous ingestion	<p>Never give anything by mouth if victim is rapidly losing consciousness, or is unconscious or convulsing. Rinse mouth thoroughly with water. If breathing has stopped, trained personnel should begin artificial respiration (use protective mask with one -way valve), or if the heart has stopped, cardiopulmonary resuscitation (CPR) immediately. Seek medical attention.</p> <p>Treatment for mild hypoglycemia consists of having the person ingest a source of sugar. Treatment for severe overdose may include the following:</p> <ol style="list-style-type: none"> 1. For severe hypoglycemia, obtain immediate emergency medical assistance. 2. Perform gastric lavage or administer activated charcoal as a slurry to decontaminate the stomach. 3. Monitor vital signs, arterial blood gases, blood glucose, serum electrolytes, blood urea nitrogen, and serum creatinine as required. Glucose should be monitored as frequently as every 1 to 3 hours. 4. Manage cerebral edema with mannitol and dexamethasone. 5. Manage hypokalemia with potassium supplements. 6. Keep patient hospitalized for 6 to 91 hours because hypoglycemia may be recurrent and prolonged. (USP DI 2006)

Section 4. Hazardous Ingredients

Name	CAS #	% (w/w)
Glipizide	29094-61-9	100

Toxicity values of the hazardous ingredients

Refer to Sec. 11.

TLV Not established.**Section 5. Fire Fighting Measures**

The product is:	May be combustible.
Autoignition temperature	Not available.
Fire degradation products	These products are carbon oxides (CO, CO ₂), nitrogen oxides (NO, NO ₂ ...), sulfur oxides (SO ₂ , SO ₃ ...).
Flash points	Not applicable.
Flammable limits	Not available.
Fire extinguishing procedures	<p>Extinguisher media: water spray, dry chemical, carbon dioxide or foam as appropriate for surrounding fire and materials.</p> <p>Special fire fighting procedures: As with all fires, evacuate personnel to safe area. Firefighters should use self-contained breathing equipment and protective clothing.</p>
Flammability	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. Emits toxic fumes under fire conditions.
Remark	No additional remark.

Continued on Next Page

Risks of explosion Risks of explosion of the product in presence of mechanical impact: Not available.
Risks of explosion of the product in presence of static discharge: Fine airborne dust can be ignited by static discharge.

Remark

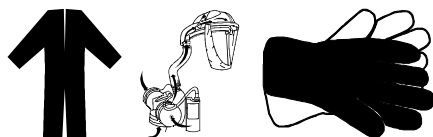
No additional remark.

Section 6. Accidental Release Measures

Spill and leak Vacuum or sweep up spillage. Avoid dust. Place spillage into an appropriate labeled waste disposal container. Wash contaminated clothing before reuse. Ventilate area and wash spill site. Follow appropriate Safe Work Practices.

Protective Clothing Pictograms in case of large spill and/or high exposure levels

Protective clothing in case of large spill Hooded Full suit -Tyvek coveralls or equivalent. Powered Air Purifying Respirator with combination particulate/organic vapour cartridge. Gloves.



Section 7. Handling and Storage

Precautions Use with adequate dust control. In case of insufficient ventilation, wear suitable respiratory equipment. Avoid inhalation, skin and eye contact. Wash thoroughly after handling.

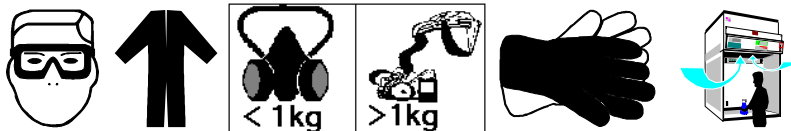
Storage Store in suitable labelled containers. Keep containers tightly closed when not in use and when empty. Protect from damage. Store in a cool, dry, well-ventilated area, out of direct sunlight. Ground drums and bond transfer containers.

Section 8. Exposure Controls/Personal Protection

Engineering Controls Exposure to this material can be controlled in many ways. The measures appropriate for a particular worksite depend on how this material is used and on the extent of exposure. This general information can be used to help develop specific control measures. Ensure that control systems are properly designed and maintained. Comply with occupational, environmental, fire, and other applicable regulations. Engineering methods to control hazardous conditions are preferred. Methods include mechanical (local exhaust) ventilation, process or personnel enclosure and control of process conditions. Administrative controls and personal protective equipment may also be required. Supply sufficient replacement air to make up for air removed by exhaust system.

Personal Protection Splash goggles. Full suit with hood, or disposable/washable coveralls. Half facepiece Air Purifying Respirator with combination particulate/organic vapour cartridge (less than 1 kg). Powered Air Purifying Respirator (PAPR) with combination particulate/organic vapour cartridge (greater than 1 kg). Rubber gloves (impervious). Chemical fume hood.

Protective Clothing (Pictograms)



PERSONAL PROTECTIVE EQUIPMENT:

If engineering controls and work practices are not effective in controlling exposure to this material, then wear suitable personal protective equipment, including approved respiratory protection. Have appropriate equipment available for use in emergencies such as spills or fire. If respiratory protection is required, institute a complete respiratory protection program, including selection, fit testing, training, maintenance and inspection. Refer to the CSA Standard Z94, "Selection, Care, and Use of Respirators".

RESPIRATORY PROTECTION GUIDELINES:

Where Local Exhaust Ventilation (LEV) at dust generating process points exists, respiratory protection may not be required.

When working with quantities less than 1 kg and in the absence of appropriate Local Exhaust Ventilation (LEV) with dusty processes, a half facepiece Air Purifying Respirator with combination particulate/organic vapour cartridge and goggles is recommended.

When working with quantities greater than 1 kg and in the absence of Local Exhaust Ventilation (LEV) with dusty processes, a Powered Air Purifying Respirator (PAPR) with combination particulate/organic vapour

cartridge and helmet/hood or Supplied Air Respirator (SAR) is recommended.

The specific respirator selected must be based on contamination levels found in the work place, the specific operation and not exceed the working limits of the respirator.

When performing cleaning activities refer to appropriate cleaning solution MSDS.

EYE/FACE PROTECTION: Safety goggles.

SKIN PROTECTION:

Impervious gloves (eg. natural or butyl rubber, nitrile, neoprene or PVC). Apotex standards require that all latex gloves should be medical grade hypoallergenic gloves. For those who have Type I hypersensitive reaction to latex, nitrile gloves are recommended. Hooded full impervious suit and boots (eg. Shield 2 or Tyvek brands and/or equivalent resistant protective clothing). Have a safety shower/eye-wash fountain readily available in the immediate work area.

RESISTANCE OF MATERIALS FOR PROTECTIVE CLOTHING:

Guidelines : GOOD: Natural, butyl or styrene-butadiene rubber (SBR), neoprene, nitrile, polyvinyl chloride (PVC), polyurethane, nitrile+PVC, neoprene+SBR, neoprene+natural rubber, SBR/neoprene NOTE: Resistance of specific materials can vary from product to product. Evaluate resistance under conditions of use and maintain clothing carefully.

EXPOSURE CONTROLS/PERSONAL PROTECTION COMMENTS:

Remove contaminated clothing promptly. Launder before rewearing. Inform laundry personnel of contaminant's hazards. Do not eat, drink or smoke in work areas. Wash hands thoroughly after handling this material. Maintain good housekeeping.

Section 9. Physical and Chemical Properties

Physical state and appearance	Solid. (Crystalline powder)	Odor	Odorless
pH	Not available.	Taste	Not available.
Odor threshold	Not applicable.	Color	White or almost white.
Volatility	Not applicable.		
Melting point/Freezing point	208 - 209°C (also reported as 200 - 203°C)		
Boiling point	Not applicable.		
Specific gravity	Not available.		
Vapor density	Not applicable.		
Vapor pressure	Not applicable.		
Partition Coefficient:	Not available.		
Ionicity (surface active agent)	Not available.		
Critical temperature	Not available.		
Instability temperature	Not available.		
Conditions of instability	No additional remark.		
Dispersion properties	See solubility.		
Evaporation rate	Not available.		
Solubility	Insoluble in water. Soluble in 0.1 N NaOH; freely soluble in dimethylformamide and in fixed alkalis; very slightly soluble in methylene chloride and in acetone; and practically insoluble in ethanol.		

Section 10. Stability and Reactivity

Stability	The product is stable.
Hazardous decomp. products	When heated to decomposition material emits toxic fumes of NOx and SOx. Emits toxic fumes under fire conditions.
Degradability	Not available.
Corrosivity	Not corrosive
	Remark No additional remark.
Reactivity/ Incompatibility	Oxidizing agents. Avoid exposure to light.
	Remark No additional remark.

Section 11. Toxicological Information

Routes of entry	Inhalation. Ingestion. Skin contact. Eye contact
Toxicity data	LD50: >4000 mg/kg (oral-rat) LD50: >5000 mg/kg (oral-mouse)
	Remark No additional remark.
Long-term effects	<p>Possible hypersensitization and changes in blood sugar levels.</p> <p>Carcinogenicity: Not listed by IARC, NTP, ACGIH, or OSHA.</p> <p>A twenty month study in rats and an eighteen month study in mice at doses up to 75 times the maximum human dose revealed no evidence of drug-related carcinogenicity.</p> <p>Reproductive Toxicity: Pregnancy category: C. Studies in rats of both sexes at doses up to 75 times the human dose showed no effects on fertility.</p> <p>Teratogenicity: In rats, doses up to 2000 mg/kg/day did not increase the incidence of birth defects, and doses up to 75 times the human dose did not impair fertility. In rabbits, doses up to 10 mg/kg/day did not appear to increase the incidence of birth defects in the offspring. Glipizide was mildly fetotoxic in rat reproductive studies at all dose levels (5 - 50 mg/kg). In humans, prolonged severe hypoglycemia has occurred in newborns whose mothers received a sulfonylurea drug at the time of delivery.</p> <p>Mutagenicity: Non-mutagenic in the following in vitro and in vivo tests: the Ames test with Salmonella typhimurium, the host-mediated assay, cytogenetic test, and the dominant lethal assays in mice.</p>
	Remark <p>Medical conditions aggravated by exposure: Hypersensitivity to the material, alcoholism, porphyria, conditions which cause fluctuations in blood glucose or insulin needs, gastrointestinal problems, heart or blood vessel disorders, hyperthyroidism, and impaired kidney or liver function.</p> <p>Persons sensitive to one of the other sulfonylureas, or to other sulfonamide or thiazide material, may be sensitive to this material also.</p>
Short-term effects and Signs & Symptoms of overexposure	<p>Possible eye, skin, gastrointestinal and/or respiratory tract irritation.</p> <p>The usual oral adult dose of glipizide is 5 mg as a single daily dose, which may be gradually increased to a maximum of 40 mg per day, given in two divided doses.</p> <p>Adverse effects may include low blood sugar (blurred vision, anxiety, confusion, nervousness, shakiness, drowsiness or weakness, cold sweats, cool pale skin, headache, excessive hunger, difficulty concentrating, nightmares, restless sleep, slurred speech, nausea, and rapid heartbeat); upper respiratory infection; weight gain; skin redness, itching, rash, or peeling; change in taste; dizziness; drowsiness; constipation; diarrhea; flatulence; heartburn; change in appetite; nausea; stomach pain or fullness; vomiting; headache; increased urination; vision changes; and increased sensitivity of skin to sunlight. Possible allergic reaction to material if inhaled, ingested, or in contact with skin.</p> <p>Overdose may cause a severe drop in blood sugar levels, resulting the adverse effects mentioned above, convulsions, coma, and death.</p>
	Remark The above adverse effects are based on clinical studies.

Section 12. Ecological Information

Ecological Information Daphnia magna LC50: > 370 mg/l/48 h

Section 13. Disposal Considerations

Waste Disposal For internal Apotex waste disposal: Collect in sealed containers and place in appropriate labeled pharmaceutical solid waste class 261N.
For external waste disposal: Follow all appropriate safe work procedures and federal, provincial and local regulations for disposal. Use only licensed disposal and waste hauling companies.

Section 14. Transport Information TDG, IATA, IMDG

Not controlled under TDG (Canada).



UN Not applicable.

Special Provisions for Transport Not applicable.

Section 15. Other Regulatory Information and Pictograms**USA Classifications**

NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) HAZARD INDEX

NFPA-HEALTH-blue :1-Slightly hazardous to health.
NFPA-FLAMMABILITY-red :1-Materials that must be preheated before ignition can occur.
NFPA-REACTIVITY-yellow :0-Normally stable.

**National Fire
Protection
Association (U.S.A.)**

Health



Fire Hazard

Reactivity

Specific Hazard

**Hazardous Material
Information System
(U.S.A.)**

Health Hazard	1
Fire Hazard	1
Reactivity	0
Personal Protection	X
<small>X - Chronic hazard indicator X - See Section 8</small>	

**HCS (Hazardous Communication System)
(OHS, U.S.A.)**

Not an HCS controlled material in USA.

**DOT (Department of
Transportation)
(U.S.A) (Pictograms)**

Not a DOT controlled material (United States).

**European Classifications****DSCL (Dangerous
Substances
Classifications)
(Europe) (Pictograms)**

Continued on Next Page

**DSCCL Risk (R)
and Safety (S) Phrases**

R33- Danger of cumulative effects.
R36/37/38- Irritating to eyes, respiratory system and skin.
S36- Wear suitable protective clothing.

**ADR (European
Agreement
of Dangerous goods by
Road)
(Pictograms)**

Not controlled under ADR (Europe).


Other Regulations

Not available.

Section 16. Other Information

References

The Merck Index
HSBD & RTECS Database
MSDS:

Validation date:
(year.month)

United States Pharmacopeial Convention, Inc.
12601 Twinbrook Parkway
Rockville, MD 20852 USA
(301) 881-0666

07/10/2006

**Other Special
Considerations**

SAMPLING AND ANALYSIS :
Use appropriate instrumentation and sampling strategy (location, timing, duration, frequency, and number of samples).
Interpretation of the sampling results is related to these variables and the analytical method.

Validated on 05/22/2008.

Apotex Inc.
150 Signet Drive
Weston (Toronto), Ontario
Canada M9L 1T9
(416) 749-9300

Printed 05/22/2008.

Notice to Reader

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

according to Regulation (EC) No. 1907/2006 as amended by (EC) No. 1272/2008

Section 1. Identification of the Substance/Mixture and of the Company/Undertaking

- 1.1 Product Code:** 11579
Product Name: Glipizide
Synonyms: N-[2-[4-[[[(cyclohexylamino)carbonyl]amino]sulfonyl]phenyl]ethyl]-5-methyl-2-pyrazine carboxamide; Aldiab; CP 28720; Digirin; K 4024; Ozidia; TK 1320; Glucotrol;
- 1.2 Relevant identified uses of the substance or mixture and uses advised against:**
Relevant identified uses: For research use only, not for human or veterinary use.
- 1.3 Details of the Supplier of the Safety Data Sheet:**
Company Name: Cayman Chemical Company
1180 E. Ellsworth Rd.
Ann Arbor, MI 48108
Web site address: www.caymanchem.com
Information: Cayman Chemical Company +1 (734)971-3335
- 1.4 Emergency telephone number:**
Emergency Contact: CHEMTREC Within USA and Canada: +1 (800)424-9300
CHEMTREC Outside USA and Canada: +1 (703)527-3887

Section 2. Hazards Identification

- 2.1 Classification of the Substance or Mixture:**
- 2.1.1 Classification according to Regulation (EC) No 1272/2008 [CLP]:**
Acute Toxicity: Oral, Category 5
- 2.1.2 Classification according to Directive 1999/45/EC:**
Risk Phrases:
For full text of R- phrases: see SECTION 15.
- 2.2 Label Elements:**
- 2.2.1 Labeling according to Regulation (EC) No 1272/2008 [CLP]:**
GHS Signal Word: Warning
GHS Hazard Phrases:
H303: May be harmful if swallowed.
GHS Precaution Phrases:
No phrases apply.
GHS Response Phrases:
P312: Call a {POISON CENTER/doctor/...} if you feel unwell.
GHS Storage and Disposal Phrases:
Please refer to Section 7 for Storage and Section 13 for Disposal information.
- 2.2.2 Labeling according to Directive 1999/45/EC:**

- 2.3 Adverse Human Health** Material may be irritating to the mucous membranes and upper respiratory tract.
- Effects and Symptoms:** May be harmful by inhalation, ingestion, or skin absorption.
May cause eye, skin, or respiratory system irritation.
To the best of our knowledge, the toxicological properties have not been thoroughly investigated.

Section 3. Composition/Information on Ingredients

CAS # / RTECS #	Hazardous Components (Chemical Name)/ REACH Registration No.	Concentration	EC No./ EC Index No.	Risk Phrases/ GHS Classification
29094-61-9 YS7640000	Glipizide (USP)	100.0 %	249-427-6 NA	No phrases apply. Acute Tox.(O) 5: H303

Section 4. First Aid Measures

- 4.1 Description of First Aid** No data available.
- Measures:**
- In Case of Inhalation:** Remove to fresh air. If not breathing, give artificial respiration or give oxygen by trained personnel. Get immediate medical attention.
- In Case of Skin Contact:** Immediately wash skin with soap and plenty of water for at least 15 minutes. Remove contaminated clothing. Get medical attention if symptoms occur. Wash clothing before reuse.
- In Case of Eye Contact:** Hold eyelids apart and flush eyes with plenty of water for at least 15 minutes. Have eyes examined and tested by medical personnel.
- In Case of Ingestion:** Wash out mouth with water provided person is conscious. Never give anything by mouth to an unconscious person. Get medical attention. Do NOT induce vomiting unless directed to do so by medical personnel.

Section 5. Fire Fighting Measures

- 5.1 Suitable Extinguishing Media:** Use alcohol-resistant foam, carbon dioxide, water, or dry chemical spray.
Media: Use water spray to cool fire-exposed containers.
Unsuitable Extinguishing Media: A solid water stream may be inefficient.
- 5.2 Flammable Properties and Hazards:** No data available.
Flash Pt: No data.
Explosive Limits: LEL: No data. UEL: No data.
Autoignition Pt: No data.
- 5.3 Fire Fighting Instructions:** As in any fire, wear self-contained breathing apparatus pressure-demand (NIOSH approved or equivalent), and full protective gear to prevent contact with skin and eyes.

Section 6. Accidental Release Measures

- 6.1 Protective Precautions, Protective Equipment and Emergency Procedures:** Avoid raising and breathing dust, and provide adequate ventilation.
As conditions warrant, wear a NIOSH approved self-contained breathing apparatus, or respirator, and appropriate personal protection (rubber boots, safety goggles, and heavy rubber gloves).
- 6.2 Environmental Precautions:** Take steps to avoid release into the environment, if safe to do so.
- 6.3 Methods and Material For Containment and Cleaning Up:** Contain spill and collect, as appropriate.
Transfer to a chemical waste container for disposal in accordance with local regulations.

Section 7. Handling and Storage

- 7.1 Precautions To Be Taken in Handling:** Avoid breathing dust/fume/gas/mist/vapours/spray.
Avoid prolonged or repeated exposure.
- 7.2 Precautions To Be Taken in Storing:** Keep container tightly closed.
Store in accordance with information listed on the product insert.

Section 8. Exposure Controls/Personal Protection

8.1 Exposure Parameters:

CAS #	Partial Chemical Name	Britain EH40	France VL	Europe
29094-61-9	Glipizide (USP)	No data.	No data.	No data.
CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
29094-61-9	Glipizide (USP)	No data.	No data.	No data.

8.2 Exposure Controls:

- 8.2.1 Engineering Controls (Ventilation etc.):** Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits.
- 8.2.2 Personal protection equipment:**
- Eye Protection:** Safety glasses
- Protective Gloves:** Compatible chemical-resistant gloves
- Other Protective Clothing:** Lab coat
- Respiratory Equipment:** NIOSH approved respirator, as conditions warrant.
(Specify Type):
- Work/Hygienic/Maintenance Practices:** Do not take internally.
Facilities storing or utilizing this material should be equipped with an eyewash and a safety shower.
Wash thoroughly after handling.

Section 9. Physical and Chemical Properties

9.1 Information on Basic Physical and Chemical Properties

- Physical States:** ☐ Gas ☐ Liquid ☒ Solid
- Appearance and Odor:** A crystalline solid
- Melting Point:** No data.
- Boiling Point:** No data.
- Flash Pt:** No data.
- Evaporation Rate:** No data.
- Explosive Limits:** LEL: No data. UEL: No data.
- Vapor Pressure (vs. Air or mm Hg):** No data.
- Vapor Density (vs. Air = 1):** No data.
- Specific Gravity (Water = 1):** No data.
- Solubility in Water:** No data.
- Solubility Notes:** ~0.5 mg/ml in 1:1 DMSO:PBS (pH 7.2); ~20 mg/ml in DMSO & DMF;
- Autoignition Pt:** No data.

9.2 Other Information

Percent Volatile: No data.
Molecular Formula & Weight: C₂₁H₂₇N₅O₄S 445.4

Section 10. Stability and Reactivity

- 10.1 Reactivity: No data available.
10.2 Stability: Unstable [] Stable [X]
10.3 Stability Note(s): Stable if stored in accordance with information listed on the product insert.
Polymerization: Will occur [] Will not occur [X]
10.4 Conditions To Avoid: No data available.
10.5 Incompatibility - strong oxidizing agents
Materials To Avoid:
10.6 Hazardous No data available.
Decomposition Or Byproducts:

Section 11. Toxicological Information

- 11.1 Information on Toxicological Effects: The toxicological effects of this product have not been thoroughly studied.
Glipizide - Toxicity Data: Oral TDLO (child): 650 µg/kg; Intraperitoneal LD50 (rat): 1200 mg/kg; Intraperitoneal LD50 (mouse): >3 g/kg; Oral TDLO (mouse): 5 mg/kg; Oral LD (rat): >4 g/kg; Oral LD (mouse): >4 g/kg;
Chronic Toxicological Effects: Only select Registry of Toxic Effects of Chemical Substances (RTECS) data is presented here. See actual entry in RTECS for complete information.
Glipizide RTECS Number: YS7640000
Carcinogenicity: NTP? No IARC Monographs? No OSHA Regulated? No

Section 12. Ecological Information

- 12.1 Toxicity: Avoid release into the environment.
Runoff from fire control or dilution water may cause pollution.

Section 13. Disposal Considerations

- 13.1 Waste Disposal Method: Dispose in accordance with local, state, and federal regulations.

Section 14. Transport Information

- 14.1 LAND TRANSPORT (US DOT):
DOT Proper Shipping Name: Not dangerous goods.
DOT Hazard Class:
UN/NA Number:
14.1 LAND TRANSPORT (European ADR/RID):
ADR/RID Shipping Name: Not dangerous goods.
UN Number:
Hazard Class:
14.3 AIR TRANSPORT (ICAO/IATA):
ICAO/IATA Shipping Name: Not dangerous goods.
Additional Transport Information: Transport in accordance with local, state, and federal regulations.

Section 15. Regulatory Information

EPA SARA (Superfund Amendments and Reauthorization Act of 1986) Lists

CAS #	Hazardous Components (Chemical Name)	S. 302 (EHS)	S. 304 RQ	S. 313 (TRI)
29094-61-9	Glipizide (USP)	No	No	No

CAS #	Hazardous Components (Chemical Name)	Other US EPA or State Lists
29094-61-9	Glipizide (USP)	CAA HAP, ODC: No; CWA NPDES: No; TSCA: No; CA PROP. 65: No

European Community Hazard Symbol codes:

European Community Risk and Safety Phrases:

S24/25 Avoid contact with skin and eyes.
S37/39 Wear suitable gloves and eye/face protection.

Regulatory Information Statement: This SDS was prepared in accordance with Regulation (EC) No.1272/2008 and European Directive 67/548/EEC as amended.

Section 16. Other Information

Revision Date: 03/28/2014

Additional Information About No data available.

This Product:

Company Policy or

Disclaimer:

DISCLAIMER: This information 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.