

Safety (MSDS) data for glyburide

General

Synonyms: 1-((p-(2-(5-chloro-o-anisamido)ethyl)phenyl)-sulfonyl)-3-cyclohexylurea, daonil, diabeta, duraglucon, euclamin, euglucon, euglucon, euglykon, gilemal, glibenclamide, glybenclamide, lederglib, libanil, lisaglucon, mananil, micronase, praeciglucon, semi-daonil

Use: sulfonylurea antidiabetic

Molecular formula: $C_{23}H_{28}ClN_3O_5S$

CAS No: 10238-21-8

EC No: 233-570-6

Physical data

Appearance: white solid

Melting point:

Boiling point:

Vapour density:

Vapour pressure:

Specific gravity:

Flash point:

Explosion limits:

Autoignition temperature:

Stability

Stable.

Toxicology

Some sources suggest that this is toxic in humans, but the toxicology data for animal testing (which suggest that this material is relatively harmless) is at variance with this. Furthermore, this material is considered to be non-hazardous according to directive 67/548/EEC, casting doubt on reports that it is toxic.

Toxicity data

(The meaning of any toxicological abbreviations which appear in this section is given [here.](#))

ORL-WMN TDLO 0.15 mg kg⁻¹ (???)

ORL-RAT LD50 > 20000 mg kg⁻¹

IPN-RAT LD50 3750 mg kg⁻¹

ORL-MUS LD50 3250 mg kg⁻¹

Risk phrases

(The meaning of any risk phrases which appear in this section is given [here.](#))

R26 R27 R28 (???)

Personal protection

Safety glasses, gloves, good ventilation.

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This information was last updated on August 15, 2005. We have tried to make it as accurate and useful as possible, but can take no responsibility for its use, misuse, or accuracy. We have not verified this information, and cannot guarantee that it is up-to-date.
