

Safety (MSDS) data for alpha-d-glucose

General

Synonyms: cartose, cerelose, dextrose, dextropur, dextrosol, sirup, corn sugar, glucose, grape sugar, d-(+)-glucose

Molecular formula: $C_6H_{12}O_6$

CAS No: 50-99-7

EC No: 200-075-1

Physical data

Appearance: white powder

Melting point: 153 - 156 C

Boiling point:

Specific gravity:

Vapour pressure:

Flash point:

Explosion limits:

Autoignition temperature:

Stability

Stable. Substances to be avoided include strong oxidizing agents. Combustible.

Toxicology

Presents no serious risk.

Toxicity data

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

ORL-RAT LD50 25800 mg kg^{-1}

IPR-MUS LD50 18000 mg kg^{-1}

IVN-MUS LD50 9000 mg kg^{-1}

Personal protection

Do not breathe dust.

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This information was last updated on September 4, 2003. Although we have tried to make it as accurate and useful as possible, we can take no responsibility for its use or misuse.
