Safety (MSDS) data for salbutamol

General

Synonyms: salbutamol free base, 4-hydroxy-3-hydroxymethyl-alpha-((tert-butylamino)methyl)benzyl alcohol, albuterol, proventil, saventol, spreor, sultanol, ventalin inhaler, ventolin, ventoline, volmax
Use: beta2-adrenoceptor agonist
Molecular formula: C_{13}H_{21}NO_{3}
CAS No: 18559-94-9
EINECS No: 242-424-0

Physical data

Appearance: solid
Melting point:
Boiling point:
Vapour density:
Vapour pressure:
Density (g cm^{-3}):
Flash point:
Explosion limits:
Autoignition temperature:
Water solubility:
Stability

Stable, but light sensitive. Incompatible with strong oxidizing agents.

Toxicology

Harmful if swallowed.

Toxicity data
(The meaning of any toxicological abbreviations which appear in this section is given here.)
ORL-RAT LD50 660 mg kg\(^{-1}\)
IPR-RAT LD50 295 mg kg\(^{-1}\)
SCU-RAT LD50 > 2500 mg kg\(^{-1}\)
ORL-MUS LD50 2707 mg kg\(^{-1}\)

Risk phrases
(The meaning of any risk phrases which appear in this section is given here.)
R22.

Transport information

(The meaning of any UN hazard codes which appear in this section is given here.)
Non-hazardous for air, sea and road freight.

Personal protection

Safety glasses if working with powder.

Safety phrases
(The meaning of any safety phrases which appear in this section is given here.)
This information was last updated on February 10, 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.