Safety (MSDS) data for thalidomide

General

Synonyms: 2-(2,6-dioxo-3-piperidinyl)-1H-isoindole-1,3(2H)-dione, distaval, softenon, talimol, 2-phthalimidoglutarimide, nibrol, many other non-systematic names
Molecular formula: C_{13}H_{10}N_{2}O_{4}
CAS No: 50-35-1
EC No:

Physical data

Appearance: white powder or crystals
Melting point: 269 - 271 C
Boiling point:
Vapour density:
Vapour pressure:
Density (g cm^{-3}):
Flash point:
Explosion limits:
Autoignition temperature:
Water solubility: negligible

Stability
Stable. Combustible. Incompatible with strong oxidizing agents.

Toxicology

Toxic if swallowed. Known human teratogen - this material causes serious reproductive defects.

Toxicity data
(The meaning of any abbreviations which appear in this section is given here.)
ORL-RAT LD50 113 mg kg⁻¹
SKN-RAT LD50 1550 mg kg⁻¹
ORL-MUS LD50 2000 mg kg⁻¹
IPR-MUS LDLO 800 mg kg⁻¹

Risk phrases
(The meaning of any risk phrases which appear in this section is given here.)
R25 R47.

Transport information

(The meaning of any UN hazard codes which appear in this section is given here.)
Hazard class 6.1. Packing group III. UN No 2811.

Personal protection

Safety glasses, adequate ventilation, gloves. Do not handle if pregnant.

Safety phrases
(The meaning of any safety phrases which appear in this section is given here.)
This information was last updated on September 2, 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.