

Safety (MSDS) data for menadione



General

Synonyms: 1,4-dihydro-1,4-dioxo-2-methylnaphthalene, 2-methyl-1,4-naphthalenedione, 2-methyl-1,4-naphthoquinone, aquakay, aquinone, hemodal, kaergona, kanone, kappaxan, kappaxin, karcon, kareon, kayklot, kayquinone, kipca, klottone, MNQ, panosine, prokayvit, synkay, thyloquinone, Vitamin K0, Vitamin K3, further trade names

Use: vitamin

Molecular formula: $C_{11}H_8O$

CAS No: 58-27-5

EINECS No: 200-372-6

Physical data

Appearance: yellow powder

Melting point: 102 C

Boiling point:

Vapour density:

Vapour pressure:

Density ($g\ cm^{-3}$):

Flash point:

Explosion limits:

Autoignition temperature:

Water solubility:

Stability

Stable. May be light sensitive. Incompatible with strong oxidizing agents.

Toxicology

Harmful if swallowed. Skin, eye and respiratory irritant.

Toxicity data

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

ORL-MUS LD50 500 mg kg⁻¹

IPR-MUS LD50 50 mg kg⁻¹

Risk phrases

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

R22 R36 R37 R38.

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.

Safety phrases

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

S26 S36.

[Return to [Physical & Theoretical Chemistry Lab. Safety home page.](#)]

This information was last updated on November 3, 2004. 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.
