Phosphoric acid, trimethyl ester@trimethyl phosphate

IDENTIFICATION NUMBERS

- **CAS:** 512-56-1
- **EC/EINECS:** 208-144-8
- **International Chemical Safety Card (ICSC):** 0686

MORE INFORMATION

- **Molecular Formula:** C3-H9-O4-P

⚠ **Black list — Substances particularly hazardous to the environment or health**

CLASSIFICATION AND LABELLING (Regulation 1272/2008)

Symbols



GHS07

Acute toxicity (oral, dermal, inhalation



GHS08

Respiratory sensitisation

H Phrases

H350 : May cause cancer

Carc. (Cat. 1B) : Carcinogenicity

H340 : May cause genetic defects

Muta. (Cat. 1B) : Germ cell mutagenicity

H360FD : May damage fertility. Suspected of damaging the unborn child.

Repr. (Cat. 1B) : Reproductive toxicity

H302 : Harmful if swallowed

Acute Tox. (Cat. 4) : Acute toxicity

H373 : May cause damage to organs through prolonged or repeated exposure

STOT repe.,2

Labelling

Concentration	Labelling
oral	ATE=1300 mg/kg bw'

Specific health risks

Carcinogens (other sources)

Substances classified as carcinogens or mutagens Category 3 under the Dangerous Preparations Directive criteria (pre-CLP). Substances with limited evidence or indications of carcinogenicity or mutagenicity.

CATEGORY	SOURCE
CP	CP65

Prohibited for pregnant workers

Substances prohibited for pregnant workers

Carcinogens and mutagens (Regulation 1272/2008)

Substances classified as carcinogenic or mutagenic under Regulation 1272/2008

Reproductive toxicants

Substances classified as toxic for reproduction under Regulation 1272/2008

Specific environmental risks

Hazardous water substances (Germany)

Substances classified with chronic aquatic toxicity under the CLP Regulation (H410–H413 phrases, Aquatic Chronic categories 1 to 4). They pose a long-term hazard to aquatic organisms, even at low concentrations and through prolonged exposure.

MMA CLASSIFICATION
1

Restriction/prohibition regulations

Substances under PACT evaluation

Substances under active regulatory monitoring through ECHA's PACT (Public Activities Coordination Tool). Allows tracking which regulatory authorities are examining a substance and what potential regulatory actions are being considered (restriction, SVHC identification, harmonised classification, etc.).