Theophylline; 1,3-dimethyl-3,7-dihydro-1H-purine-2,6-dione

IDENTIFICATION NUMBERS

- **CAS:** 58-55-9
- **EC/EINECS:** 200-385-7
- **International Chemical Safety Card (ICSC):** 0678

MORE INFORMATION

- **Molecular Formula:** C7-H8-N4-O2
- **Synonyms:** TEOPILLINA

CLASSIFICATION AND LABELLING (Regulation 1272/2008)

Symbols



GHS08

Respiratory sensitisation

H Phrases

H360D : May damage the unborn child.

Repr. (Cat. 1B) : Reproductive toxicity

Specific health risks

Endocrine disruptors

Substances with endocrine disrupting activity

DISRUPTOR LEVEL

NS

According to IARC

Substances classified as carcinogens or mutagens Category 2 under the CLP Regulation (GHS), bearing H351 and/or H341 phrases. These are substances suspected of causing cancer or heritable genetic mutations in humans.

IARC GROUP

Grupo 3

IARC VOLUME

(VOL. 51; 1991)

Prohibited for pregnant workers

Substances prohibited for pregnant workers

Reproductive toxicants

Substances classified as toxic for reproduction under Regulation 1272/2008

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.).