# 4-(1-oxo-2-propenyl)-morpholine

**IDENTIFICATION NUMBERS**

- **CAS:** 5117-12-4

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

## CLASSIFICATION AND LABELLING (Regulation 1272/2008)

**Symbols**



**GHS05**
Corrosive to metals



**GHS07**
Acute toxicity (oral, dermal, inhalation



**GHS08**
Respiratory sensitisation

**Signal word:** **Danger**

**H Phrases**

**H302** : Harmful if swallowed

Acute Tox. (Cat. 4 *) : Acute toxicity

**H318** : Causes serious eye damage

Eye Dam. (Cat. 1) : Serious eye damage/eye irritation

**H317** : May cause an allergic skin reaction

Skin Sens. (Cat. 1) : Respiratory/skin sensitization

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

STOT RE (Cat. 2 *) : Specific target organ toxicity - repeated exposure

## Specific health risks

### Sensitisers

Substances with skin or respiratory sensitisation potential

## 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**

2

## 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.).