# 9-Octadecen-1-amine, (Z)-@(Z)-octadec-9-enylamine

## IDENTIFICATION NUMBERS

- **CAS:** 112-90-3
- **EC/EINECS:** 204-015-5

## MORE INFORMATION

- **Molecular Formula:** C18-H37-N

⚠ **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



**GHS09**

Hazardous to the aquatic environment

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

### H Phrases

**H302** : Harmful if swallowed

Acute Tox. (Cat. 4) : Acute toxicity

**H304** : May be fatal if swallowed and enters airways

Asp Tox. 1

**H335** : May cause respiratory irritation

STOT SE 3

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

STOT RE 2

**H314** : Causes severe skin burns and eye damage

Skin Corr. (Cat. 1B) : Skin corrosion/irritation

**H400** : Very toxic to aquatic life

Aquatic Acute (Cat. 1) : Hazardous to the aquatic environment

**H410** : Very toxic to aquatic life with long lasting effects

Aquatic Chronic (Cat. 1) : Hazardous to the aquatic environment

### Labelling

| Concentration | Labelling |
|---|---|
| C >= 10 % | C; R34 |
| 5 % <= C < 10 % | Xi; R36/37/38 |
| C >= 2,5 % | N; R50-53 |
| 0,25 % <= C < 2,5 % | N; R51-53 |
| 0,025 % <= C < 0,25 % | R52-53 |

## 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.).