

Trichloroethylene

Identification

Substance name:	Trichloroethylene
CAS no.:	79-01-6
EINECS no.:	201-167-4
Index no:	602-027-00-9

Classification & Labelling

Trichloroethylene is classified according to Annex I of EU Directive 67/548 (Dangerous Substance Directive):

- For health effects:
 - R67 Vapours may cause drowsiness
 - Xi; R36/38 Irritant; Irritating to eyes and skin
 - Carc. Cat. 2; R45 May cause cancer.
 - Muta. Cat 3: R68 Possible risk of irreversible effects
- For the environment:
 - R52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Trichloroethylene is classified according to Annex VI of Regulation No 1272/2008 Annex VI (GHS/CLP)

- For health hazards:
 - Skin corrosion/irritation: Skin Irrit. 2 (Hazard statement H315: Cause skin irritation)
 - Eye irritation: Eye Irrit. 2 (Hazard statement H319: Cause serious eye irritation)
 - Carcinogenicity: Carc. 1B (Hazard statement: H350: May cause cancer)
 - Germ cell mutagenicity: Muta 2 (Hazard statement: H341: Suspected of causing genetic effects)
 - Specific target organ toxicity, single: STOT Single Exp. 3 (Hazard statement: H336: May cause drowsiness or dizziness)
- For environmental hazards:
 - Hazards to the aquatic environment: Aquatic Chronic 3 (Hazard statement: H412: Harmful to aquatic life with long lasting effects)

Self-classification

Based on new data and re-evaluation of existing data, the lead registrant has proposed the following self-classification:

According to EU Directive 67/548 (Dangerous Substance Directive):

- For health effects:
 - R67 Vapours may cause drowsiness
 - Xi; R36/38 Irritant; Irritating to eyes and skin
 - R43 May cause sensitisation by skin contact
 - Carc. Cat. 2; R45 May cause cancer.
- For environmental effects:
 - R52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

According to Regulation No 1272/2008 Annex VI (GHS/CLP)

- For health hazards:
 - Skin corrosion/irritation: Skin Irrit. 2 (Hazard statement H315: Cause skin irritation)
 - Eye irritation: Eye Irrit. 2 (Hazard statement H319: Cause serious eye irritation)
 - Skin sensitisation: Skin Sens. 1 (Hazard statement: H317: May cause an allergic skin reaction.)
 - Specific target organ toxicity - single: STOT Single Exp. 3 (Hazard statement: H336: May cause drowsiness or dizziness.). Affected organs: central nervous system. Route of exposure: Inhalation
 - Carcinogenicity: Carc. 1B (Hazard statement: H350: May cause cancer)
- For environmental hazards:
 - Hazards to the aquatic environment: Aquatic Chronic 3 (Hazard statement: H412: Harmful to aquatic life with long lasting effects.)