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.)