# 1,3,5-tris(oxiranylmethyl)-1,3,5-triazine-2,4,6(1H,3H,5H)-trione@TGIC

## IDENTIFICATION NUMBERS

- **CAS:** 2451-62-9
- **EC/EINECS:** 219-514-3
- **International Chemical Safety Card (ICSC):** 1274

## MORE INFORMATION

- **Molecular Formula:** C12H15N3O6
- **Synonyms:** TGIC, isocianurato de triglicidilo

## USES

lacquer, hardener, paint

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

## CLASSIFICATION AND LABELLING (Regulation 1272/2008)

### Symbols



**GHS05**

Corrosive to metals



**GHS06**

Acute toxicity (oral, dermal, inhalation)



**GHS08**

Respiratory sensitisation

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

### H Phrases

**H340** : May cause genetic defects

Muta. (Cat. 1B) : Germ cell mutagenicity

**H331** : Toxic if inhaled

Acute Tox. (Cat. 3 *) : Acute toxicity

**H301** : Toxic if swallowed

Acute Tox. (Cat. 3 *) : 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

**H412** : Harmful to aquatic life with long lasting effects

Aquatic Chronic (Cat. 3) : Hazardous to the aquatic environment

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

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

## Specific health risks

### Carcinogens and mutagens (Regulation 1272/2008)

Substances classified as carcinogenic or mutagenic under Regulation 1272/2008

### Sensitisers

Substances with skin or respiratory sensitisation potential

## Restriction/prohibition regulations

### Restricted substances under REACH

Substances listed in Annex XVII of the REACH Regulation (EC) No 1907/2006, subject to restrictions on their manufacture, placing on the market or use. Restrictions may be total or partial, limiting specific applications, maximum concentrations or user groups.

**NOTES**

Limitations: Without prejudice to the other parts of this Annex the following shall apply to entries 28 to 30: 1. Shall not be placed on the market, or used, - as substances, - as constituents of other substances, or, - in mixtures, for supply to the general public when the individual concentration in the substance or mixture is equal to or greater than: - either the relevant specific concentration limit specified in Part 3 of Annex VI to Regulation (EC) No 1272/2008, or, - the relevant concentration specified in Directive 1999/45/EC where no specific concentration limit is set out in Part 3 of Annex VI to Regulation (EC) No 1272/2008. Without prejudice to the implementation of other Community provisions relating to the classification, packaging and labelling of substances and mixtures, suppliers shall ensure before the placing on the market that the packaging of such substances and mixtures is marked visibly, legibly and indelibly as follows: ‘Restricted to professional users’. 2. By way of derogation, paragraph 1 shall not apply to: (a) medicinal or veterinary products as defined by Directive 2001/82/EC and Directive 2001/83/ EC; (b) cosmetic products as defined by Directive 76/ 768/EEC; (c) the following fuels and oil products: - motor fuels which are covered by Directive 98/70/EC, - mineral oil products intended for use as fuel in mobile or fixed combustion plants, - fuels sold in closed systems (e.g. liquid gas bottles); (d) artists’ paints covered by Directive 1999/45/ EC; (e) the substances listed in Appendix 11, column 1, for the applications or uses listed in Appendix 11, column 2. Where a date is specified in column 2 of Appendix 11, the derogation shall apply until the said date. Source: Regulation 1907/2006 (REACH). Annex XVII

### Substances under CoRAP evaluation

Substances included in the Community Rolling Action Plan (CoRAP) of the REACH Regulation. These are substances selected for evaluation by EU Member States due to indications of risk to human health or the environment, with the aim of clarifying whether regulatory action is warranted.

| YEAR | MEMBER STATE |
| --- | --- |
| 2015 | Poland |

**INITIAL GROUNDS FOR CONCERN**

Human health/CMR; Environment/Suspected PBT; Exposure/Wide dispersive use, consumer use, high release to the environment, high worker exposure

## REACH Candidates

Substances of Very High Concern (SVHC) identified by ECHA and included on the REACH Candidate List. These are substances with CMR, PBT, vPvB or endocrine disrupting properties liable to be included in Annex XIV (authorisation). Their inclusion generates notification obligations for articles containing them.

## Major accident hazards (Seveso)

Hazardous substances listed in Annex I of the Seveso III Directive (Directive 2012/18/EU), transposed in Spain by Royal Decree 840/2015. Their presence in industrial establishments in quantities equal to or above established thresholds triggers obligations to implement major accident risk control measures.

## 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.).

| MEMBER STATE | ACTIVITY |
| --- | --- |
| Poland | Hazard assessment |
| **LAST UPDATE** | **SCOPE** |
| 2019-02-22T00:00:00 | PBT |