



## SAFETY DATA SHEET T-CUT ORIGINAL RESTORER

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

**Product name** T-CUT ORIGINAL RESTORER  
**Product number** TCO050, TCO080, TCO350, TCO850

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

**Identified uses** Car maintenance product.

#### 1.3. Details of the supplier of the safety data sheet

**Supplier** TETROSYL EUROPE  
79 rue du chemin vert  
59.273 Fretin  
TEL: 03 20 28 06 30  
qualite@tetrosyl-france.com

**Manufacturer** TETROSYL LIMITED  
Bury  
Lancashire  
England  
BL9 7NY  
0161 764 5981  
0161 797 5899  
info@tetrosyl.com

#### 1.4. Emergency telephone number

**Emergency telephone** +44 (0)161 764 5981 (24 hrs)

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

##### Classification (SI 2019 No. 720)

**Physical hazards** Not Classified  
**Health hazards** Skin Sens. 1 - H317  
**Environmental hazards** Aquatic Chronic 3 - H412

#### 2.2. Label elements

##### Hazard pictograms



**Signal word** Warning

**Hazard statements** H317 May cause an allergic skin reaction.  
H412 Harmful to aquatic life with long lasting effects.



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<b>DIETHANOLAMINE</b>	<b>&lt;0.1</b>
CAS number: 111-42-2	EC number: 203-868-0
<b>Classification</b>	
Acute Tox. 4 - H302	
Skin Irrit. 2 - H315	
Eye Dam. 1 - H318	
STOT RE 2 - H373	
<b>2-METHYLISOTHIAZOL-3(2H)-ONE</b>	<b>0.001 - &lt;0.005%</b>
CAS number: 2682-20-4	EC number: 220-239-6
M factor (Acute) = 10	M factor (Chronic) = 1
Corrosive to the respiratory tract.	
May cause an allergic skin reaction. This substance has specific concentration limits. $\geq 0.0015$	
<b>Classification</b>	
Acute Tox. 3 - H301	
Acute Tox. 3 - H311	
Acute Tox. 2 - H330	
Skin Corr. 1B - H314	
Eye Dam. 1 - H318	
Skin Sens. 1A - H317	
Aquatic Acute 1 - H400	
Aquatic Chronic 1 - H410	

The full text for all hazard statements is displayed in Section 16.

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

<b>General information</b>	Get medical attention if any discomfort continues. Remove affected person from source of contamination. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing.
<b>Inhalation</b>	If spray/mist has been inhaled, proceed as follows. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing.
<b>Ingestion</b>	Rinse mouth thoroughly with water. Give plenty of water to drink. Get medical attention if a large quantity has been ingested. Show this Safety Data Sheet to the medical personnel.
<b>Skin contact</b>	Remove contaminated clothing immediately and wash skin with soap and water.
<b>Eye contact</b>	Rinse immediately with plenty of water. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Do not rub eye.

#### 4.2. Most important symptoms and effects, both acute and delayed

<b>General information</b>	The severity of the symptoms described will vary dependent on the concentration and the length of exposure. Effects may be delayed. Keep affected person under observation.
<b>Inhalation</b>	Vapours may cause headache, fatigue, dizziness and nausea.
<b>Ingestion</b>	May cause discomfort if swallowed. May cause stomach pain or vomiting. May cause nausea, headache, dizziness and intoxication.
<b>Skin contact</b>	Prolonged or repeated contact with skin may cause irritation, redness and dermatitis.

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**Eye contact** May cause temporary eye irritation.

### **4.3. Indication of any immediate medical attention and special treatment needed**

**Notes for the doctor** No specific recommendations. If in doubt, get medical attention promptly.

## **SECTION 5: Firefighting measures**

### **5.1. Extinguishing media**

**Suitable extinguishing media** Extinguish with the following media: Foam, carbon dioxide or dry powder. Water. Use fire-extinguishing media suitable for the surrounding fire.

**Unsuitable extinguishing media** Do not use water jet as an extinguisher, as this will spread the fire.

### **5.2. Special hazards arising from the substance or mixture**

**Specific hazards** No unusual fire or explosion hazards noted.

**Hazardous combustion products** Oxides of carbon. Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.

### **5.3. Advice for firefighters**

**Protective actions during firefighting** No specific firefighting precautions known.

**Special protective equipment for firefighters** Leave danger zone immediately.

## **SECTION 6: Accidental release measures**

### **6.1. Personal precautions, protective equipment and emergency procedures**

**Personal precautions** In case of spills, beware of slippery floors and surfaces. Avoid inhalation of spray mist and contact with skin and eyes.

### **6.2. Environmental precautions**

**Environmental precautions** Avoid or minimise the creation of any environmental contamination. Do not discharge into drains or watercourses or onto the ground. Collect and dispose of spillage as indicated in Section 13.

### **6.3. Methods and material for containment and cleaning up**

**Methods for cleaning up** Stop leak if possible without risk. Provide adequate ventilation. Contain spillage with sand, earth or other suitable non-combustible material. Avoid the spillage or runoff entering drains, sewers or watercourses. Absorb spillage with non-combustible, absorbent material. Collect and place in suitable waste disposal containers and seal securely. No smoking, sparks, flames or other sources of ignition near spillage.

### **6.4. Reference to other sections**

**Reference to other sections** The product contains a substance which is hazardous to aquatic organisms and which may cause long term adverse effects in the aquatic environment. See Section 12 for additional information on ecological hazards. For personal protection, see Section 8. For waste disposal, see section 13.

## **SECTION 7: Handling and storage**

### **7.1. Precautions for safe handling**

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**Usage precautions** Good personal hygiene procedures should be implemented. Wash hands and any other contaminated areas of the body with soap and water before leaving the work site. Do not eat, drink or smoke when using the product. Avoid the formation of mists. Provide adequate ventilation. Read and follow manufacturer's recommendations. Do not handle broken packages without protective equipment.

### 7.2. Conditions for safe storage, including any incompatibilities

**Storage precautions** Keep containers upright. Store in tightly-closed, original container.

### 7.3. Specific end use(s)

**Specific end use(s)** The identified uses for this product are detailed in Section 1.2.

## SECTION 8: Exposure controls/Personal protection

### **8.1. Control parameters**

#### Occupational exposure limits

No exposure limits known for ingredient(s).

#### **GLYCEROL**

Long-term exposure limit (8-hour TWA): WEL 10 mg/m<sup>3</sup> mist

#### **DIETHANOLAMINE**

Long-term exposure limit (8-hour TWA): OES 3 ppm 15 mg/m<sup>3</sup>

Short-term exposure limit (15-minute): OES

WEL = Workplace Exposure Limit.

#### GLYCEROL (CAS: 56-81-5)

<b>DNEL</b>	Workers - Inhalation; Long term local effects: 56 mg/m <sup>3</sup> General population - Inhalation; Long term local effects: 33 mg/m <sup>3</sup> General population - Oral; Long term systemic effects: 229 mg/kg
<b>PNEC</b>	Fresh water; 0.885 mg/l marine water; 0.0885 mg/l Intermittent release; 8.85 mg/l Sediment (Freshwater); 3.3 mg/kg Sediment (Marinewater); 0.33 mg/kg Soil; 0.141 mg/kg STP; 1000 mg/l

#### TRIETHANOLAMINE 99% (CAS: 102-71-6)

<b>DNEL</b>	Workers - Inhalation; Long term systemic effects: 5 mg/m <sup>3</sup> Workers - Inhalation; Long term local effects: 5 mg/m <sup>3</sup> Workers - Dermal; Long term systemic effects: 6.3 mg/kg/day General population - Inhalation; Long term systemic effects: 1.25 mg/m <sup>3</sup> General population - Inhalation; Long term local effects: 1.25 mg/m <sup>3</sup> General population - Dermal; Long term systemic effects: 3.1 mg/kg/day General population - Oral; Long term systemic effects: 13 mg/kg/day
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<b>PNEC</b>	Fresh water; 0.32 mg/l marine water; 0.032 mg/l Sediment (Freshwater); 1.7 mg/kg Sediment (Marinewater); 0.17 mg/kg Soil; 0.151 mg/kg STP; 10 mg/l Intermittent release; 5.12 mg/l
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### DIETHANOLAMINE (CAS: 111-42-2)

<b>DNEL</b>	Workers - Dermal; Long term : 0.13 mg/kg/day Workers - Inhalation; Long term : 4 mg/m <sup>3</sup> Workers - Inhalation; Short term : 33 mg/m <sup>3</sup> General population - Dermal; Long term : 0.07 mg/kg/day General population - Inhalation; Long term : 0.25 mg/m <sup>3</sup> General population - Oral; Long term : 0.06 mg/kg/day
<b>PNEC</b>	Fresh water; 0.0022 mg/l marine water; 0.00022 mg/l Sediment (Freshwater); 0.019 mg/kg Sediment (Marinewater); 0.0019 mg/kg

## 8.2. Exposure controls

### Protective equipment



### Appropriate engineering controls

Provide adequate ventilation.

### Eye/face protection

Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. Unless the assessment indicates a higher degree of protection is required, the following protection should be worn: Tight-fitting safety glasses.

### Hand protection

Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible. It is recommended that gloves are made of the following material: Nitrile rubber. It should be noted that liquid may penetrate the gloves. Frequent changes are recommended.

### Other skin and body protection

Wear appropriate clothing to prevent repeated or prolonged skin contact. Provide eyewash station.

### Hygiene measures

Wash contaminated clothing before reuse. Wash hands after contact. Wash at the end of each work shift and before eating, smoking and using the toilet. When using do not eat, drink or smoke.

### Respiratory protection

No specific recommendations. Respiratory protection may be required if excessive airborne contamination occurs.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

<b>Appearance</b>	Viscous liquid.
<b>Colour</b>	Beige.
<b>Odour</b>	Characteristic.

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<b>Odour threshold</b>	Not determined.
<b>pH</b>	pH (concentrated solution): 8.60
<b>Melting point</b>	Not determined.
<b>Initial boiling point and range</b>	100°C @ 1013 hPa
<b>Flash point</b>	67°C
<b>Evaporation rate</b>	Not determined.
<b>Upper/lower flammability or explosive limits</b>	Not determined.
<b>Vapour pressure</b>	Not determined.
<b>Vapour density</b>	Not determined.
<b>Relative density</b>	1.06g/cm <sup>3</sup> @ 20°C
<b>Solubility(ies)</b>	Soluble in water.
<b>Partition coefficient</b>	Not determined.
<b>Auto-ignition temperature</b>	Not determined.
<b>Decomposition Temperature</b>	Not determined.
<b>Viscosity</b>	37,000 cP @ 20°C
<b>Oxidising properties</b>	Not available.

### 9.2. Other information

**Other information** None.

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

**Reactivity** There are no known reactivity hazards associated with this product.

### 10.2. Chemical stability

**Stability** Stable at normal ambient temperatures and when used as recommended.

### 10.3. Possibility of hazardous reactions

**Possibility of hazardous reactions** Not applicable.

### 10.4. Conditions to avoid

**Conditions to avoid** There are no known conditions that are likely to result in a hazardous situation.

### 10.5. Incompatible materials

**Materials to avoid** Alkali metals.

### 10.6. Hazardous decomposition products

**Hazardous decomposition products** Does not decompose when used and stored as recommended.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

**Toxicological effects** No information available.

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<b>Inhalation</b>	No specific health hazards known.
<b>Ingestion</b>	May cause discomfort if swallowed.
<b>Skin contact</b>	Prolonged and frequent contact may cause redness and irritation. May cause an allergic skin reaction.
<b>Eye contact</b>	May cause temporary eye irritation.

### SECTION 12: Ecological information

**Ecotoxicity** Dangerous for the environment if discharged into watercourses. The product contains a substance which is harmful to aquatic organisms and which may cause long-term adverse effects in the aquatic environment.

#### 12.1. Toxicity

##### Acute aquatic toxicity

**Acute toxicity - fish** Not available.

**Acute toxicity - aquatic invertebrates** Not available.

#### 12.2. Persistence and degradability

**Persistence and degradability** There are no data on the degradability of this product.

#### 12.3. Bioaccumulative potential

**Bioaccumulative potential** No data available on bioaccumulation.

**Partition coefficient** Not determined.

#### 12.4. Mobility in soil

**Mobility** The product is soluble in water.

**Adsorption/desorption coefficient** Not available.

#### 12.5. Results of PBT and vPvB assessment

**Results of PBT and vPvB assessment** This substance is not classified as PBT or vPvB according to current UK criteria.

#### 12.6. Other adverse effects

**Other adverse effects** Not available.

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

**General information** Waste is classified as hazardous waste. Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

**Disposal methods** Confirm disposal procedures with environmental engineer and local regulations.

### SECTION 14: Transport information

**General** The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).

#### 14.1. UN number

Not applicable.



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### 14.2. UN proper shipping name

Not applicable.

### 14.3. Transport hazard class(es)

No transport warning sign required.

### 14.4. Packing group

Not applicable.

### 14.5. Environmental hazards

**Environmentally hazardous substance/marine pollutant**

No.

### 14.6. Special precautions for user

Not applicable.

### 14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

Transport in bulk according to Not applicable.

**Annex II of MARPOL 73/78**

**and the IBC Code**

## SECTION 15: Regulatory information

### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

**National regulations**                      EH40/2005 Workplace exposure limits

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

## SECTION 16: Other information

<b>Revision comments</b>	NOTE: Lines within the margin indicate significant changes from the previous revision.
<b>Issued by</b>	Regulatory Department
<b>Revision date</b>	11/11/2022
<b>Revision</b>	1
<b>SDS number</b>	34738
<b>SDS status</b>	Approved.

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### **Hazard statements in full**

H301 Toxic if swallowed.  
H302 Harmful if swallowed.  
H304 May be fatal if swallowed and enters airways.  
H311 Toxic in contact with skin.  
H314 Causes severe skin burns and eye damage.  
H315 Causes skin irritation.  
H317 May cause an allergic skin reaction.  
H318 Causes serious eye damage.  
H330 Fatal if inhaled.  
H336 May cause drowsiness or dizziness.  
H373 May cause damage to organs through prolonged or repeated exposure.  
H400 Very toxic to aquatic life.  
H410 Very toxic to aquatic life with long lasting effects.  
H411 Toxic to aquatic life with long lasting effects.  
H412 Harmful to aquatic life with long lasting effects.