



## SAFETY DATA SHEET WONDER WHEELS WHEEL CLEANER

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

#### 1.1. Product identifier

**Product name** WONDER WHEELS WHEEL CLEANER  
**Product number** AFW505, IWW500, NWT500, WWT500, WWT501, AFR000

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

**Identified uses** Cleaning agent.

#### 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 Irrit. 2 - H315 Eye Dam. 1 - H318  
**Environmental hazards** Not Classified

**Human health** See Section 11 for additional information on health hazards.

#### 2.2. Label elements

##### Hazard pictograms



**Signal word** Danger

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<b>Hazard statements</b>	H315 Causes skin irritation. H318 Causes serious eye damage.
<b>Precautionary statements</b>	P264 Wash contaminated skin thoroughly after handling. P280 Wear protective gloves/ protective clothing/ eye protection/ face protection. P302+P352 IF ON SKIN: Wash with plenty of water. P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P310 Immediately call a POISON CENTER/ doctor. P321 Specific treatment (see medical advice on this label). P332+P313 If skin irritation occurs: Get medical advice/ attention. P362+P364 Take off contaminated clothing and wash it before reuse. P101 If medical advice is needed, have product container or label at hand. P102 Keep out of reach of children.
<b>Contains</b>	HYDROCHLORIC ACID 100%, ALCOHOL ETHOXYLATE WITH 7 MEO
<b>Detergent labelling</b>	< 5% non-ionic surfactants

### 2.3. Other hazards

Not applicable.

### SECTION 3: Composition/information on ingredients

#### 3.2. Mixtures

<b>ALCOHOL ETHOXYLATE WITH 7 MEO</b>	<b>2-&lt;3%</b>
CAS number: 68131-39-5                      EC number: 500-195-7	
<b>Classification</b> Acute Tox. 4 - H302 Eye Dam. 1 - H318 Aquatic Chronic 3 - H412	
<b>HYDROCHLORIC ACID 100%</b>	<b>1-&lt;2%</b>
CAS number: 7647-01-0                      EC number: 231-595-7	
<b>Classification</b> Skin Corr. 1B - H314 Eye Dam. 1 - H318 STOT SE 3 - H335	
<b>PHOSPHORIC ACID 100%</b>	<b>0.5-&lt;1%</b>
CAS number: 7664-38-2                      EC number: 231-633-2	
<b>Classification</b> Skin Corr. 1B - H314 Eye Dam. 1 - H318	

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<b>PROPARGYL ALCOHOL</b>	<b>0.001 - &lt;0.005%</b>
CAS number: 107-19-7	EC number: 203-471-2
<b>Classification</b> Flam. Liq. 3 - H226 Acute Tox. 3 - H301 Acute Tox. 3 - H311 Acute Tox. 3 - H331 Skin Corr. 1B - H314 Eye Dam. 1 - H318 Aquatic Chronic 2 - H411	
<b>FORMALDEHYDE ...%</b>	<b>0.001 - &lt;0.005%</b>
CAS number: 50-00-0	EC number: 200-001-8
<b>Classification</b> Acute Tox. 3 - H301 Acute Tox. 3 - H311 Acute Tox. 3 - H331 Skin Corr. 1B - H314 Eye Dam. 1 - H318 Skin Sens. 1 - H317 Muta. 2 - H341 Carc. 1B - H350 STOT SE 3 - H335	

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>	Remove affected person from source of contamination. Get medical attention. Effects may be delayed. Keep affected person under observation. Chemical burns must be treated by a physician.
<b>Inhalation</b>	If throat irritation or coughing persists, proceed as follows. Get medical attention. Show this Safety Data Sheet to the medical personnel. Rinse nose and mouth with water.
<b>Ingestion</b>	Rinse mouth thoroughly with water. Give plenty of water to drink. Get medical attention. Show this Safety Data Sheet to the medical personnel.
<b>Skin contact</b>	Remove contaminated clothing and rinse skin thoroughly with water. Continue to rinse until pain disappears. Get medical attention if any discomfort continues. Show this Safety Data Sheet to the medical personnel. Continue to rinse for at least 15 minutes. Get medical attention promptly if symptoms occur after washing. Chemical burns must be treated by a physician.
<b>Eye contact</b>	Rinse immediately with plenty of water. Remove any contact lenses and open eyelids wide apart. Get medical attention. Show this Safety Data Sheet to the medical personnel. May cause permanent damage if eye is not immediately irrigated.

#### 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.
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<b>Inhalation</b>	Upper respiratory irritation.
<b>Ingestion</b>	May cause chemical burns in mouth and throat.
<b>Skin contact</b>	May cause serious chemical burns to the skin. Burning pain and severe corrosive skin damage.
<b>Eye contact</b>	Severe irritation, burning and tearing. May cause blurred vision and serious eye damage.

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

<b>Notes for the doctor</b>	No specific recommendations. If in doubt, get medical attention promptly.
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## **SECTION 5: Firefighting measures**

### **5.1. Extinguishing media**

<b>Suitable extinguishing media</b>	Extinguish with the following media: Foam, carbon dioxide or dry powder. Water. Use fire-extinguishing media suitable for the surrounding fire.
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<b>Unsuitable extinguishing media</b>	Do not use water jet as an extinguisher, as this will spread the fire.
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### **5.2. Special hazards arising from the substance or mixture**

<b>Specific hazards</b>	Not relevant. No unusual fire or explosion hazards noted.
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<b>Hazardous combustion products</b>	No known hazardous decomposition products.
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### **5.3. Advice for firefighters**

<b>Protective actions during firefighting</b>	No specific firefighting precautions known.
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<b>Special protective equipment for firefighters</b>	Severe corrosive hazard. Wear chemical protective suit. Wear chemical protective suit.
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## **SECTION 6: Accidental release measures**

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

<b>Personal precautions</b>	Avoid contact with eyes. Wear protective clothing as described in Section 8 of this safety data sheet. In case of spills, beware of slippery floors and surfaces.
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### **6.2. Environmental precautions**

<b>Environmental precautions</b>	Collect and dispose of spillage as indicated in Section 13. Do not discharge into drains or watercourses or onto the ground.
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### **6.3. Methods and material for containment and cleaning up**

<b>Methods for cleaning up</b>	Stop leak if possible without risk. DO NOT touch spilled material! 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. Collect spillage for reclamation or disposal in sealed containers via a licensed waste contractor.
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### **6.4. Reference to other sections**

<b>Reference to other sections</b>	Wear protective clothing as described in Section 8 of this safety data sheet. Collect and dispose of spillage as indicated in Section 13.
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## **SECTION 7: Handling and storage**

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

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**Usage precautions** Read and follow manufacturer's recommendations. 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. Do not handle broken packages without protective equipment. Avoid spilling. Avoid contact with skin and eyes. Avoid the formation of mists.

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

**Storage precautions** Keep containers upright. Store in tightly-closed, original container. Keep above the chemical's freezing point to avoid rupturing the container. Store away from the following materials: Acids.

### 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).

#### **PHOSPHORIC ACID 100%**

Long-term exposure limit (8-hour TWA): WEL 1 mg/m<sup>3</sup>

Short-term exposure limit (15-minute): WEL 2 mg/m<sup>3</sup>

#### **PROPARGYL ALCOHOL**

Long-term exposure limit (8-hour TWA): WEL 1 ppm 2.3 mg/m<sup>3</sup>

Short-term exposure limit (15-minute): WEL 3 ppm 7 mg/m<sup>3</sup>

Sk

#### **FORMALDEHYDE ...%**

Long-term exposure limit (8-hour TWA): WEL 2 ppm 2.5 mg/m<sup>3</sup>

Short-term exposure limit (15-minute): WEL 2 ppm 2.5 mg/m<sup>3</sup>

WEL = Workplace Exposure Limit.

Sk = Can be absorbed through the skin.

### 8.2. Exposure controls

#### **Protective equipment**



#### **Appropriate engineering controls**

Provide adequate ventilation. Avoid inhalation of vapours. Observe any occupational exposure limits for the product or ingredients.

#### **Eye/face protection**

Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. The following protection should be worn: Chemical splash goggles and face shield.

#### **Hand protection**

Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible. The most suitable glove should be chosen in consultation with the glove supplier/manufacturer, who can provide information about the breakthrough time of the glove material. It should be noted that liquid may penetrate the gloves. Frequent changes are recommended. It is recommended that gloves are made of the following material: Neoprene.

#### **Other skin and body protection**

Wear suitable protective clothing as protection against splashing or contamination.

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**Hygiene measures** Provide eyewash station and safety shower. Wash contaminated clothing before reuse. Wash at the end of each work shift and before eating, smoking and using the toilet. Promptly remove any clothing that becomes wet or contaminated. Contaminated clothing should be placed in a closed container for disposal or decontamination. Warn cleaning personnel of any hazardous properties of the product. When using do not eat, drink or smoke.

**Respiratory protection** If ventilation is inadequate, suitable respiratory protection must be worn.

### SECTION 9: Physical and chemical properties

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

<b>Appearance</b>	Clear liquid.
<b>Colour</b>	Colourless. to Light (or pale). Amber.
<b>Odour</b>	Slight. Characteristic.
<b>Odour threshold</b>	Scientifically unjustified.
<b>pH</b>	pH (concentrated solution): <2
<b>Melting point</b>	Scientifically unjustified.
<b>Initial boiling point and range</b>	~100°C @
<b>Flash point</b>	>100°C
<b>Evaporation rate</b>	Scientifically unjustified.
<b>Upper/lower flammability or explosive limits</b>	Scientifically unjustified.
<b>Vapour pressure</b>	Scientifically unjustified.
<b>Vapour density</b>	Scientifically unjustified.
<b>Relative density</b>	1.032g/cm <sup>3</sup> @ 20°C
<b>Solubility(ies)</b>	Soluble in water.
<b>Partition coefficient</b>	Scientifically unjustified.
<b>Auto-ignition temperature</b>	Scientifically unjustified.
<b>Decomposition Temperature</b>	Scientifically unjustified.
<b>Viscosity</b>	<50 cP @ 20 - 40°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** No particular stability concerns.

#### 10.3. Possibility of hazardous reactions

**Possibility of hazardous reactions** Not applicable.

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### 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**                    Strong acids. Powdered metal.

### 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

#### Acute toxicity - oral

**Summary**                                    Based on available data the classification criteria are not met.

**ATE oral (mg/kg)**                    22,222.22

#### Acute toxicity - dermal

**Summary**                                    Based on available data the classification criteria are not met.

#### Acute toxicity - inhalation

**Summary**                                    Based on available data the classification criteria are not met.

#### Skin corrosion/irritation

**Summary**                                    Based on available data the classification criteria are not met.

#### Serious eye damage/irritation

**Summary**                                    Based on available data the classification criteria are not met.

**Serious eye damage/irritation**                    Corrosive to skin. Corrosivity to eyes is assumed. No testing is needed.

#### Respiratory sensitisation

**Summary**                                    Based on available data the classification criteria are not met.

#### Skin sensitisation

**Summary**                                    Based on available data the classification criteria are not met.

#### Germ cell mutagenicity

**Summary**                                    Based on available data the classification criteria are not met.

#### Carcinogenicity

**Summary**                                    Based on available data the classification criteria are not met.

#### Reproductive toxicity

**Summary**                                    Based on available data the classification criteria are not met.

#### Specific target organ toxicity - single exposure

**Summary**                                    Based on available data the classification criteria are not met.

#### Specific target organ toxicity - repeated exposure

**Summary**                                    Based on available data the classification criteria are not met.

#### Aspiration hazard

**Summary**                                    Based on available data the classification criteria are not met.

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<b>Inhalation</b>	Unlikely to be hazardous by inhalation because of the low vapour pressure of the product at ambient temperature.
<b>Ingestion</b>	May cause severe internal injury. Causes severe burns. May cause chemical burns in mouth, oesophagus and stomach. Corrosive. Small amounts may cause serious damage.
<b>Skin contact</b>	Causes severe burns. Corrosive. Prolonged contact causes serious tissue damage.
<b>Eye contact</b>	This product is strongly corrosive. Immediate first aid is imperative.
<b>Acute and chronic health hazards</b>	This chemical can be hazardous when inhaled and/or touched. This product is corrosive. This product may cause skin and eye irritation. Prolonged contact may cause burns. May cause severe internal injury. Vapour from this product may be hazardous by inhalation.
<b>Route of exposure</b>	Inhalation Ingestion. Skin and/or eye contact Skin absorption

### SECTION 12: Ecological information

**Ecotoxicity** The product components are not classified as environmentally hazardous. However, large or frequent spills may have hazardous effects on the environment.

#### 12.1. Toxicity

##### Acute aquatic toxicity

##### Acute toxicity - fish

LC<sub>50</sub>, 96 hours: <1 (ALCOHOL ETHOXYLATE WITH 7 MEO) mg/l, Fish

#### 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** Scientifically unjustified.

#### 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 product does not contain any substances classified as PBT or vPvB.

#### 12.6. Other adverse effects

**Other adverse effects** Not applicable.

### 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).



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### 14.1. UN number

Not applicable.

### 14.2. UN proper shipping name

Not applicable.

### 14.3. Transport hazard class(es)

#### Transport labels

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 Annex II of MARPOL 73/78 and the IBC Code Not applicable.

Not applicable.

## SECTION 15: Regulatory information

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

#### National regulations

Surfactantul (surfactanții) din acest preparat corespunde (corespund) criteriilor de biodegradabilitate din Regulamentul (CE) nr. 648/2004 privind detergenții. Date în sprijinul acestei afirmații se află la dispoziția autorităților abilitate ale statelor membre și pot fi puse la dispoziție la cererea lor expresă sau la solicitarea unui producător de detergenți.

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

## SECTION 16: Other information

<b>General information</b>	Only trained personnel should use this material.
<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>	24/01/2022
<b>Revision</b>	26
<b>Supersedes date</b>	04/02/2021
<b>SDS status</b>	Approved.

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### Hazard statements in full

H226 Flammable liquid and vapour.  
H301 Toxic if swallowed.  
H302 Harmful if swallowed.  
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.  
H331 Toxic if inhaled.  
H335 May cause respiratory irritation.  
H341 Suspected of causing genetic defects.  
H350 May cause cancer.  
H411 Toxic to aquatic life with long lasting effects.  
H412 Harmful to aquatic life with long lasting effects.

The information provided in this document has been compiled on the basis of our current knowledge and is believed to be in accordance with the requirements of the Dangerous Substances Directive, Dangerous Preparations Directive and Safety Data Sheets Directive. The information relates to the specific material designated and may not be valid for such material used in combination with any other materials or in any particular conditions or process. The conditions and extent of storage and use of material are outside of our control and within the control of the possessor or user. Consequently it is the responsibility of the possessor or user to satisfy themselves as to the completeness of such information and the suitability of the material for their own particular circumstances, conditions or use.