

# SAFETY DATA SHEET

## QUANTUM PREMIUM TRAFFIC FILM REMOVER

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

#### 1.1. Product identifier

<b>Product name</b>	QUANTUM PREMIUM TRAFFIC FILM REMOVER
<b>Product number</b>	ZGBPREMTR05L, ZGBPREMTR25L
<b>Internal identification</b>	B20925, 30073, 30074

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

<b>Identified uses</b>	Car maintenance product. Cleaning agent.
<b>Uses advised against</b>	This product is not recommended for any industrial, professional or consumer use other than the identified uses stated above.

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

<b>Supplier</b>	Volkswagen Group United Kingdom Ltd Yeomans Drive Blakelands Milton Keynes
	MK14 5AN 01908 601601

#### 1.4. Emergency telephone number

<b>Emergency telephone</b>	Tel: +44 1604 701111 (Office Hours Monday - Friday (0900 Hrs - 1700 Hrs))
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### SECTION 2: Hazards identification

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

##### Classification (EC 1272/2008)

<b>Physical hazards</b>	Not Classified
<b>Health hazards</b>	Skin Corr. 1A - H314 Eye Dam. 1 - H318 Carc. 2 - H351
<b>Environmental hazards</b>	Not Classified

**Human health** The product is strongly irritating to eyes and skin. Prolonged contact may cause burns.

#### 2.2. Label elements

##### Pictogram



**Signal word** Danger

**Hazard statements** H314 Causes severe skin burns and eye damage.  
H351 Suspected of causing cancer.

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<b>Precautionary statements</b>	<p>P201 Obtain special instructions before use.</p> <p>P202 Do not handle until all safety precautions have been read and understood.</p> <p>P260 Do not breathe vapour/ spray.</p> <p>P264 Wash contaminated skin thoroughly after handling.</p> <p>P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.</p> <p>P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.</p> <p>P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.</p> <p>P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.</p> <p>P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</p> <p>P308+P313 IF exposed or concerned: Get medical advice/ attention.</p> <p>P310 Immediately call a POISON CENTER/ doctor.</p> <p>P321 Specific treatment (see medical advice on this label).</p> <p>P363 Wash contaminated clothing before reuse.</p> <p>P405 Store locked up.</p> <p>P501 Dispose of contents/ container in accordance with national regulations.</p> <p>P102 Keep out of reach of children.</p>
<b>Contains</b>	TRISODIUM NITRILOTRIACETATE, SODIUM XYLENE SULPHONATE, SODIUM HYDROXIDE
<b>Detergent labelling</b>	5 - < 15% NTA (nitrilotriacetic acid) and salts thereof, < 5% anionic surfactants, < 5% EDTA and salts thereof, < 5% non-ionic surfactants, < 5% perfumes, Contains BENZISOTHIAZOLINONE

### 2.3. Other hazards

#### SECTION 3: Composition/information on ingredients

##### 3.2. Mixtures

<b>TRISODIUM NITRILOTRIACETATE</b> <span style="float: right;"><b>5-10%</b></span> CAS number: 5064-31-3                      EC number: 225-768-6                      REACH registration number: 01-2119519239-36-XXXX
<b>Classification</b> Acute Tox. 4 - H302 Eye Irrit. 2 - H319 Carc. 2 - H351
<b>SODIUM (XYLENES AND 4-ETHYLBENZENE) SULPHONATE</b> <span style="float: right;"><b>1-5%</b></span> CAS number: —                      EC number: 701-037-1                      REACH registration number: 01-2119513350-56-XXXX
<b>Classification</b> Eye Irrit. 2 - H319

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<b>SODIUM HYDROXIDE</b>		<b>1-5%</b>
CAS number: 1310-73-2	EC number: 215-185-5	REACH registration number: 01-2119457892-27-XXXX
<b>Classification</b>		
Met. Corr. 1 - H290 Skin Corr. 1A - H314 Eye Dam. 1 - H318		
<b>PROPYLENE GLYCOL</b>		<b>&lt;1%</b>
CAS number: 57-55-6	EC number: 200-338-0	REACH registration number: 01-2119456809-23-XXXX
<b>Classification</b>		
Not Classified		
<b>BUTYLATED HYDROXYTOLUENE</b>		<b>&lt;1%</b>
CAS number: 128-37-0	EC number: 204-881-4	REACH registration number: 01-2119565113-46-XXXX
M factor (Acute) = 1	M factor (Chronic) = 1	
<b>Classification</b>		
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>	Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing.
<b>Inhalation</b>	Move affected person to fresh air at once. Rinse nose and mouth with water. Get medical attention if any discomfort continues.
<b>Ingestion</b>	Never give anything by mouth to an unconscious person. Do not induce vomiting. Rinse mouth thoroughly with water. Get medical attention if any discomfort continues.
<b>Skin contact</b>	Remove affected person from source of contamination. Remove contaminated clothing. Wash skin thoroughly with soap and water. Get medical attention if irritation persists after washing.
<b>Eye contact</b>	Remove affected person from source of contamination. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes and get medical attention.

#### 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.
<b>Inhalation</b>	This is unlikely to occur but symptoms similar to those of ingestion may develop. Vapours may cause headache, fatigue, dizziness and nausea.
<b>Ingestion</b>	May cause discomfort if swallowed. May cause stomach pain or vomiting. May cause chemical burns in mouth and throat.

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**Skin contact** Skin irritation. May cause serious chemical burns to the skin.

**Eye contact** Severe irritation, burning and tearing.

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

**Notes for the doctor** Treat symptomatically.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

**Suitable extinguishing media** The product is not flammable. 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** Irritating gases or vapours.

**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** Avoid breathing fire gases or vapours. Control run-off water by containing and keeping it out of sewers and watercourses.

**Special protective equipment for firefighters** Wear positive-pressure self-contained breathing apparatus (SCBA) and protective fire fighting clothing (includes fire fighting helmet, coat, trousers, boots, and gloves). If protective equipment is not available or not used, fight fire from a protected location or safe distance.

## SECTION 6: Accidental release measures

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

**Personal precautions** Wear protective clothing as described in Section 8 of this safety data sheet.

### 6.2. Environmental precautions

**Environmental precautions** Collect and place in suitable waste disposal containers and seal securely. Label the containers containing waste and contaminated materials and remove from the area as soon as possible. Avoid discharge into drains or watercourses or onto the ground.

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

**Methods for cleaning up** Stop leak if possible without risk. Absorb in vermiculite, dry sand or earth and place into containers. Flush contaminated area with plenty of water. Avoid the spillage or runoff entering drains, sewers or watercourses.

### 6.4. Reference to other sections

**Reference to other sections** For personal protection, see Section 8. See Section 11 for additional information on health hazards. For waste disposal, see Section 13.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

**Usage precautions** Avoid spilling. Eye wash facilities and emergency shower must be available when handling this product. 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. Avoid contact with skin and eyes.

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

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**Storage precautions** Store in tightly-closed, original container in a dry, cool and well-ventilated place. Avoid freezing. Keep only in the original container.

**Storage class** Chemical storage.

### 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

##### SODIUM HYDROXIDE

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

##### PROPYLENE GLYCOL

Long-term exposure limit (8-hour TWA): WEL 474 mg/m<sup>3</sup> 150 ppm particulate vapour

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

##### 2,6-DIMETHYL-7-OCTEN-2-OL

No exposure limit value known.

##### PIN-2(10)-ENE

No exposure limit value known.

##### TERPINOLENE

No exposure limit value known.

##### ALPHA-PINENE

No exposure limit value known.

##### ETHANOL

Long-term exposure limit (8-hour TWA): WEL 1000 ppm 1920 mg/m<sup>3</sup>

##### BUTYLATED HYDROXYTOLUENE

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

WEL = Workplace Exposure Limit

**Ingredient comments** WEL = Workplace Exposure Limits

### TRISODIUM NITRILOTRIACETATE (CAS: 5064-31-3)

#### DNEL

Industry - Inhalation; Short term systemic effects: 5.25 mg/m<sup>3</sup>  
 Industry - Inhalation; Short term local effects: 5.25 mg/m<sup>3</sup>  
 Industry - Inhalation; Long term systemic effects: 3.2 mg/m<sup>3</sup>  
 Consumer - Inhalation; Short term systemic effects: 1.75 mg/m<sup>3</sup>  
 Consumer - Oral; Long term systemic effects: 0.3 mg/kg bw/day  
 Workers - Inhalation; Short term Acute: 9.6 mg/m<sup>3</sup>  
 General population - Inhalation; Short term Acute: 2.4 mg/m<sup>3</sup>  
 General population - Oral; Short term Acute: 0.9 mg/kg bw/day

#### PNEC

- Fresh water; 0.93 mg/l  
 - Marine water; 0.093 mg/l  
 - Intermittent release; 0.8 mg/l  
 - STP; 270 mg/l  
 - Sediment (Freshwater); 3.64 mg/kg  
 - Sediment (Marinewater); 0.364 mg/kg  
 - Soil; 0.182 mg/kg

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### SODIUM (XYLENES AND 4-ETHYLBENZENE) SULPHONATE

<b>DNEL</b>	Workers - Inhalation; Long term systemic effects: 26.9 mg/m <sup>3</sup>
	Workers - Dermal; Long term systemic effects: 136.25 mg/kg bw/day
	Workers - Dermal; Long term local effects: 0.096 mg/cm <sup>2</sup>
	General population - Inhalation; Long term systemic effects: 6.6 mg/m <sup>3</sup>
	General population - Dermal; Long term systemic effects: 68.1 mg/kg bw/day
	General population - Dermal; Long term local effects: 0.048 mg/cm <sup>2</sup>
	General population - Oral; Long term systemic effects: 3.8 mg/kg bw/day
<b>PNEC</b>	- Fresh water; 0.23 mg/l
	- Intermittent release; 2.3 mg/l
	- STP; 100 mg/l

### SODIUM HYDROXIDE (CAS: 1310-73-2)

<b>DNEL</b>	Consumer - Inhalation; local effects: 1 mg/m <sup>3</sup>
	Industry - Inhalation; Long term local effects: 1 mg/m <sup>3</sup>

### TETRASODIUM ETHYLENE DIAMINE TETRAACETATE (CAS: 64-02-8)

<b>DNEL</b>	Workers - Inhalation; Long term local effects: 1.5 mg/m <sup>3</sup>
	Workers - Inhalation; Short term Acute: 1.5 mg/m <sup>3</sup>
	General population - Inhalation; Long term local effects: 0.6 mg/m <sup>3</sup>
	General population - Oral; Long term systemic effects: 25 mg/kg bw/day
<b>PNEC</b>	- Fresh water; 2.2 mg/l
	- Marine water; 0.22 mg/l
	- Intermittent release; 1.2 mg/l
	- STP; 43 mg/l
	- Soil; 0.72 mg/kg soil dw

### PROPYLENE GLYCOL (CAS: 57-55-6)

<b>DNEL</b>	Industry - Inhalation; Long term systemic effects: 168 mg/m <sup>3</sup>
	Industry - Inhalation; Long term local effects: 10 mg/m <sup>3</sup>
	Consumer - Inhalation; Long term systemic effects: 50 mg/m <sup>3</sup>
	Consumer - Inhalation; Long term local effects: 10 mg/m <sup>3</sup>
<b>PNEC</b>	- Fresh water; 260 mg/l
	- Marine water; 26 mg/l
	- STP; 20000 mg/kg
	- Sediment (Freshwater); 572 mg/kg
	- Sediment (Marinewater); 57.2 mg/kg
	- Soil; 50 mg/kg
- Intermittent release; 183 mg/l	

### 2,6-DIMETHYL-7-OCTEN-2-OL (CAS: 18479-58-8)

<b>DNEL</b>	Workers - Inhalation; Long term systemic effects: 73.5 mg/m <sup>3</sup>
	Workers - Dermal; Long term systemic effects: 20.8 mg/kg bw/day
	General population - Inhalation; Long term systemic effects: 21.7 mg/m <sup>3</sup>
	General population - Dermal, Oral; Long term systemic effects: 12.5 mg/kg bw/day

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### PNEC

- Fresh water; 0.0278 mg/l
- Marine water; 0.00278 mg/l
- Intermittent release; 0.278 mg/l
- STP; 10 mg/l
- Sediment (Freshwater); 0.594 mg/kg sediment dw
- Sediment (Marinewater); 0.0594 mg/kg sediment dw
- Soil; 0.103 mg/kg soil dw

### 3,7-DIMETHYL-1,6-OCTADIEN-3-OL (CAS: 78-70-6)

### DNEL

- Workers - Inhalation; Long term systemic effects: 2.8 mg/m<sup>3</sup>
- Workers - Inhalation; Short term Acute: 16.5 mg/m<sup>3</sup>
- Workers - Dermal; Long term systemic effects: 2.5 mg/kg bw/day
- Workers - Dermal; Short term Acute: 5 mg/kg bw/day
- Workers - Dermal; Long term local effects: 15 mg/cm<sup>2</sup>
- Workers - Dermal; Short term Acute: 15 mg/cm<sup>2</sup>
- General population - Inhalation; Long term systemic effects: 0.7 mg/m<sup>3</sup>
- General population - Inhalation; Short term Acute: 4.1 mg/m<sup>3</sup>
- General population - Dermal; Long term systemic effects: 1.25 mg/kg bw/day
- General population - Dermal; Short term Acute: 2.5 mg/kg bw/day
- General population - Dermal; Long term local effects: 15 mg/cm<sup>2</sup>
- General population - Dermal; Short term Acute: 15 mg/cm<sup>2</sup>
- General population - Oral; Long term systemic effects: 0.2 mg/kg bw/day
- General population - Oral; Short term Acute: 1.2 mg/kg bw/day

### PNEC

- Fresh water; 0.2 mg/l
- Marine water; 0.02 mg/l
- Intermittent release; 2 mg/l
- STP; 10 mg/l
- Sediment (Freshwater); 2.22 mg/kg sediment dw
- Sediment (Marinewater); 0.222 mg/kg sediment dw
- Soil; 0.327 mg/kg soil dw

### CITRAL (CAS: 5392-40-5)

### DNEL

- Workers - Inhalation; Long term systemic effects: 9 mg/m<sup>3</sup>
- Workers - Dermal; Long term systemic effects: 1.7 mg/kg bw/day
- Workers - Dermal; Long term local effects: 0.14 mg/cm<sup>2</sup>
- General population - Inhalation; Long term systemic effects: 2.7 mg/m<sup>3</sup>
- General population - Dermal; Long term systemic effects: 1 mg/kg bw/day
- General population - Dermal; Long term local effects: 0.14 mg/cm<sup>2</sup>
- General population - Oral; Long term systemic effects: 0.6 mg/kg bw/day

### PNEC

- Fresh water; 0.00678 mg/l
- Marine water; 0.000678 mg/l
- Intermittent release; 0.0678 mg/l
- STP; 1.6 mg/l
- Sediment (Freshwater); 0.125 mg/kg sediment dw
- Sediment (Marinewater); 0.0125 mg/kg sediment dw
- Soil; 0.0209 mg/kg soil dw

### d-LIMONENE (CAS: 5989-27-5)

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**DNEL** Workers - Inhalation; Long term systemic effects: 33.3 mg/m<sup>3</sup>  
 Workers - Dermal; Short term local effects, Acute: 0.222 mg/cm<sup>2</sup>  
 General population - Inhalation; Long term systemic effects: 8.33 mg/m<sup>3</sup>  
 General population - Dermal; Short term local effects, Acute: 0.111 mg/cm<sup>2</sup>  
 General population - Oral; Long term systemic effects: 4.76 mg/kg bw/day

**PNEC** - Fresh water; 0.0054 mg/l  
 - Marine water; 0.00054 mg/l  
 - STP; 1.8 mg/l  
 - Sediment (Freshwater); 1.32 mg/kg sediment dw  
 - Marine water; 0.13 mg/kg sediment dw  
 - Soil; 0.262 mg/kg soil dw

### GERANIOL (CAS: 106-24-1)

**DNEL** Workers - Inhalation; Long term systemic effects: 161.6 mg/m<sup>3</sup>  
 Workers - Dermal; Long term systemic effects: 12.5 mg/kg bw/day  
 Workers - Dermal; Long term local effects: 11.8 mg/cm<sup>2</sup>  
 General population - Inhalation; Long term systemic effects: 47.8 mg/m<sup>3</sup>  
 General population - Dermal; Long term systemic effects: 7.5 mg/kg bw/day  
 General population - Dermal; Long term local effects: 11.8 mg/cm<sup>2</sup>  
 General population - Oral; Long term systemic effects: 13.75 mg/kg bw/day

**PNEC** - Fresh water; 0.0108 mg/l  
 - Marine water; 0.00108 mg/l  
 - Intermittent release; 0.108 mg/l  
 - STP; 0.7 mg/l  
 - Sediment (Freshwater); 0.115 mg/kg  
 - Sediment (Marinewater); 0.0115 mg/kg  
 - Soil; 0.0167 mg/kg

### BUTYLPHENYL METHYLPROPIONAL (CAS: 80-54-6)

**DNEL** Workers - Inhalation; Long term systemic effects: 0.201 mg/m<sup>3</sup>  
 Workers - Dermal; Long term systemic effects: 0.0569 mg/kg bw/day  
 Workers - Dermal; Long term local effects: 0.41 mg/cm<sup>2</sup>  
 Workers - Dermal; Short term Acute: 0.41 mg/cm<sup>2</sup>  
 General population - Inhalation; Long term systemic effects: 0.0593 mg/m<sup>3</sup>  
 General population - Inhalation; Long term local effects: 0.0593 mg/m<sup>3</sup>  
 General population - Dermal; Long term systemic effects: 0.0342 mg/kg bw/day  
 General population - Dermal; Short term Acute: 0.205 mg/cm<sup>2</sup>  
 General population - Dermal; Long term local effects: 0.41 mg/cm<sup>2</sup>  
 General population - Oral; Long term systemic effects: 0.0342 mg/kg bw/day  
 General population - Oral; Short term Acute: 0.205 mg/kg bw/day

**PNEC** - Fresh water; 0.00204 mg/l  
 - Marine water; 0.000204 mg/l  
 - Intermittent release; 0.0204 mg/l  
 - STP; 1.049 mg/l  
 - Soil; 0.0463 mg/kg soil dw

### PARA-MENTH-1-EN-8-OL (CAS: 98-55-5)

**DNEL** No DNEL available.



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- PNEC**
- STP; 2.6 mg/l
  - Sediment (Freshwater); 1.85 mg/kg
  - Sediment (Marinewater); 0.185 mg/kg
  - Soil; 0.329 mg/kg

### CITRONELLOL (CAS: 106-22-9)

- DNEL**
- Workers - Inhalation; Long term systemic effects: 161.6 mg/m<sup>3</sup>
  - Workers - Inhalation; Long term local effects: 10 mg/m<sup>3</sup>
  - Workers - Inhalation; Short term Acute: 10 mg/m<sup>3</sup>
  - Workers - Dermal; Long term systemic effects: 327.4 mg/kg bw/day
  - General population - Inhalation; Long term systemic effects: 47.8 mg/m<sup>3</sup>
  - General population - Inhalation; Long term local effects: 10 mg/m<sup>3</sup>
  - General population - Inhalation; Short term Acute: 10 mg/m<sup>3</sup>
  - General population - Dermal; Long term systemic effects: 196.4 mg/kg bw/day
  - General population - Dermal; Short term local effects, Acute: 2.950 mg/cm<sup>2</sup>
  - Workers - Dermal; Short term Acute, local effects: 2.950 mg/cm<sup>2</sup>
  - General population - Oral; Long term systemic effects: 13.8 mg/kg bw/day

- PNEC**
- Fresh water; 0.0024 mg/l
  - Marine water; 0.00024 mg/l
  - Intermittent release; 0.024 mg/l
  - STP; 580 mg/l
  - Sediment (Freshwater); 0.0256 mg/kg sediment dw
  - Sediment (Marinewater); 0.00256 mg/kg sediment dw
  - Soil; 0.00371 mg/kg soil dw

### Nerol (CAS: 106-25-2)

- DNEL**
- Workers - Inhalation; Long term systemic effects: 5.4 mg/m<sup>3</sup>
  - Workers - Dermal; Long term systemic effects: 0.76 mg/kg bw/day
  - Workers - Dermal; Long term local effects: 0.133 mg/cm<sup>2</sup>
  - General population - Inhalation; Long term systemic effects: 1.3 mg/m<sup>3</sup>
  - General population - Dermal; Long term systemic effects: 0.38 mg/kg bw/day
  - General population - Oral; Long term systemic effects: 0.38 mg/kg bw/day

- PNEC**
- Fresh water; 0.00745 mg/l
  - Marine water; 0.000745 mg/l
  - Intermittent release; 0.0745 mg/l
  - STP; 12.9 mg/l
  - Sediment (Freshwater); 0.133 mg/kg sediment dw
  - Sediment (Marinewater); 0.0133 mg/kg sediment dw
  - Soil; 0.0223 mg/kg soil dw

### CINNAMYL ALCOHOL (CAS: 104-54-1)

- DNEL**
- Workers - Inhalation; Long term systemic effects: 2.277 mg/m<sup>3</sup>
  - Workers - Dermal; Long term systemic effects: 1.998 mg/kg bw/day
  - General population - Inhalation; Long term systemic effects: 0.5665 mg/m<sup>3</sup>
  - General population - Dermal; Long term systemic effects: 0.4926 mg/kg bw/day
  - General population - Oral; Long term systemic effects: 3.995 mg/kg bw/day

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- PNEC**
- Fresh water; 0.109 mg/l
  - Marine water; 0.0109 mg/l
  - Intermittent release; 1.09 mg/l
  - STP; 16.127 mg/l
  - Sediment (Freshwater); 220.188 mg/kg sediment dw
  - Sediment (Marinewater); 220.188 mg/kg sediment dw
  - Soil; 0.185 mg/kg soil dw

### Decanal (CAS: 112-31-2)

- DNEL**
- Workers - Inhalation; Long term systemic effects: 24.9 mg/m<sup>3</sup>
  - Workers - Dermal; Long term systemic effects: 7 mg/kg bw/day
  - General population - Inhalation; Long term systemic effects: 6.1 mg/m<sup>3</sup>
  - General population - Dermal; Long term systemic effects: 3.5 mg/kg bw/day
  - General population - Oral; Long term systemic effects: 3.5 mg/kg bw/day

- PNEC**
- Fresh water; 0.00117 mg/l
  - Marine water; 0.000117 mg/l
  - Intermittent release; 0.0117 mg/l
  - STP; 3.16 mg/l
  - Sediment (Freshwater); 0.0972 mg/kg sediment dw
  - Sediment (Marinewater); 0.00972 mg/kg sediment dw
  - Soil; 0.0187 mg/kg soil dw

### Octanal (CAS: 124-13-0)

- DNEL**
- Workers - Inhalation; Long term systemic effects: 1.3 mg/m<sup>3</sup>
  - Workers - Dermal; Long term systemic effects: 0.37 mg/kg bw/day
  - General population - Inhalation; Long term systemic effects: 0.32 mg/m<sup>3</sup>
  - General population - Dermal; Long term systemic effects: 0.19 mg/kg bw/day
  - General population - Oral; Long term systemic effects: 0.19 mg/kg bw/day

- PNEC**
- Fresh water; 0.00154 mg/l
  - Marine water; 0.000154 mg/l
  - STP; 3.16 mg/l
  - Sediment (Freshwater); 0.07146 mg/kg sediment dw
  - Sediment (Marinewater); 0.00715 mg/kg sediment dw
  - Soil; 0.01339 mg/kg soil dw

### 4-(2,6,-TRIMETHYLCYCLOHEX-1-ENE-1-YL)-BUT-3-ENE-2-ONE (CAS: 14901-07-6)

- DNEL**
- Workers - Inhalation; Long term systemic effects: 23.21 mg/m<sup>3</sup>
  - Workers - Dermal; Long term systemic effects: 13.17 mg/kg bw/day
  - General population - Inhalation; Long term systemic effects: 5.72 mg/m<sup>3</sup>
  - General population - Dermal; Long term systemic effects: 6.58 mg/kg bw/day
  - General population - Oral; Long term systemic effects: 3.29 mg/kg bw/day

- PNEC**
- Fresh water; 0.004146 mg/l
  - Marine water; 0.0004146 mg/l
  - Intermittent release; 0.04146 mg/l
  - STP; 0.698 mg/l
  - Sediment (Freshwater); 63.23 mg/kg sediment dw
  - Sediment (Marinewater); 63.23 mg/kg sediment dw
  - Soil; 29.47 mg/kg soil dw

### PIN-2(10)-ENE (CAS: 127-91-3)

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**DNEL** Workers - Inhalation; Long term systemic effects: 5.98 mg/m<sup>3</sup>  
Workers - Dermal; Short term local effects, Acute: 0.161 mg/cm<sup>2</sup>  
General population - Inhalation; Long term systemic effects: 1.06 mg/m<sup>3</sup>  
General population - Dermal; Short term local effects, Acute: 0.081 mg/cm<sup>2</sup>  
General population - Oral; Long term systemic effects: 0.31 mg/kg bw/day

**PNEC** - Fresh water; 0.002 mg/l  
- Marine water; 0.0002 mg/l  
- STP; 3.26 mg/l  
- Sediment (Freshwater); 0.485 mg/kg sediment dw  
- Sediment (Marinewater); 0.048 mg/kg sediment dw  
- Soil; 0.49 mg/kg soil dw

### ALPHA-PINENE (CAS: 80-56-8)

**DNEL** Workers - Inhalation; Long term systemic effects: 5.98 mg/m<sup>3</sup>  
Workers - Dermal; Short term Acute: 0.161 mg/cm<sup>2</sup>  
General population - Inhalation; Long term systemic effects: 1.06 mg/m<sup>3</sup>  
General population - Dermal; Short term systemic effects, Acute: 0.081 mg/cm<sup>2</sup>  
General population - Oral; Long term systemic effects: 0.31 mg/kg bw/day

**PNEC** - Fresh water; 0.004 mg/l  
- Marine water; 0.0004 mg/l  
- STP; 3.26 mg/l  
- Sediment (Freshwater); 1.033 mg/kg sediment dw  
- Sediment (Marinewater); 0.103 mg/kg sediment dw  
- Soil; 0.539 mg/kg soil dw

### DELTA-DAMASCONE (CAS: 57378-68-4)

**DNEL** No DNEL available.

**PNEC** No PNEC available.

### MYRCENE (CAS: 123-35-3)

**DNEL** Workers - Inhalation; Long term systemic effects: 5.83 mg/m<sup>3</sup>  
Workers - Dermal; Long term systemic effects: 0.83 mg/kg bw/day  
General population - Inhalation; Long term systemic effects: 1.25 mg/m<sup>3</sup>  
General population - Dermal; Long term systemic effects: 0.42 mg/kg bw/day  
General population - Oral; Long term systemic effects: 0.42 mg/kg bw/day

**PNEC** - Fresh water; 0.008 mg/l  
- Marine water; 0.0008 mg/l  
- STP; 0.2 mg/l  
- Sediment (Freshwater); 5.022 mg/kg sediment dw  
- Sediment (Marinewater); 0.502 mg/kg sediment dw  
- Soil; 1.015 mg/kg soil dw

### TERPINOLENE (CAS: 586-62-9)

**DNEL** Workers - Inhalation; Long term systemic effects: 3.6 mg/m<sup>3</sup>  
Workers - Dermal; Long term systemic effects: 0.52 mg/kg bw/day  
Workers - Dermal; Long term local effects: 0.044 mg/cm<sup>2</sup>  
General population - Inhalation; Long term systemic effects: 0.9 mg/m<sup>3</sup>  
General population - Dermal, Oral; Long term systemic effects: 0.26 mg/kg bw/day

## QUANTUM PREMIUM TRAFFIC FILM REMOVER

- PNEC**
- Fresh water; 0.000634 mg/l
  - Marine water; 0.000634 mg/l
  - Intermittent release; 0.00634 mg/l
  - STP; 0.2 mg/l
  - Sediment (Freshwater); 0.147 mg/kg sediment dw
  - Sediment (Marinewater); 0.0147 mg/l
  - Soil; 0.0291 mg/l

### ETHANOL (CAS: 64-17-5)

- DNEL**
- Workers - Dermal; Long term systemic effects: 343 mg/kg
  - Workers - Inhalation; Long term systemic effects: 950 mg/m<sup>3</sup>
  - Workers - Inhalation; Short term Acute, local effects: 1900 mg/m<sup>3</sup>
  - Consumer - Inhalation; Short term Acute, local effects: 950 mg/m<sup>3</sup>
  - Consumer - Dermal; Long term systemic effects: 206 mg/kg
  - Consumer - Inhalation; Long term systemic effects: 114 mg/m<sup>3</sup>
  - Consumer - Oral; Long term systemic effects: 87 mg/kg

- PNEC**
- Fresh water; 0.96 mg/l
  - Marine water; 0.79 mg/l
  - STP; 580 mg/l
  - Intermittent release; 2.75 mg/l
  - Sediment (Freshwater); 3.6 mg/kg sediment dw
  - Sediment (Marinewater); 2.9 mg/kg sediment dw
  - Soil; 0.63 mg/kg soil dw

### BUTYLATED HYDROXYTOLUENE (CAS: 128-37-0)

- DNEL**
- Workers - Inhalation; Long term systemic effects: 3.5 mg/m<sup>3</sup>
  - Workers - Dermal; Long term systemic effects: 0.5 mg/kg bw/day
  - General population - Inhalation; Long term systemic effects: 0.86 mg/m<sup>3</sup>
  - General population - Dermal, Oral; Long term systemic effects: 0.25 mg/kg bw/day

- PNEC**
- Fresh water; 0.000199 mg/l
  - Marine water; 0.0000199 mg/l
  - Intermittent release; 0.00199 mg/l
  - STP; 0.17 mg/l
  - Sediment (Freshwater); 0.996 mg/l
  - Sediment (Marinewater); 0.00996 mg/l
  - Soil; 0.04769 mg/l

## 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

Contact lenses should not be worn when working with this chemical. Use safety glasses (with side shields), consistent with EN 166 or equivalent.

## QUANTUM PREMIUM TRAFFIC FILM REMOVER

<b>Hand protection</b>	Use chemical resistant gloves classified under Standard EN374: Protective gloves against chemicals and micro-organisms. If hands are cut or scratched, use gloves chemically resistant to this material even for brief exposures. Use gloves with insulation for thermal protection (EN 407), when needed. Examples of preferred glove barrier materials include: Butyl rubber. Natural rubber ("latex"). Neoprene. Nitrile/butadiene rubber ("nitrile" or "NBR"). Polyethylene. Ethyl vinyl alcohol laminate ("EVAL"). Polyvinyl alcohol ("PVA"). Polyvinyl chloride ("PVC" or "vinyl"). When prolonged or frequently repeated contact may occur, a glove with a protection class of 6 (breakthrough time greater than 480 minutes according to EN 374) is recommended. When only brief contact is expected, a glove with a protection class of 2 or higher (breakthrough time greater than 30 minutes according to EN 374) is recommended. <b>NOTICE:</b> The selection of a specific glove for a particular application and duration of use in a workplace should also take into account all relevant workplace factors such as, but not limited to: Other chemicals which may be handled, physical requirements (cut/puncture protection, dexterity, thermal protection), potential body reactions to glove materials, as well as the instructions/specifications provided by the glove supplier.
<b>Other skin and body protection</b>	Wear appropriate clothing to prevent any possibility of skin contact. Provide eyewash station and safety shower. Barrier cream applied before work may make it easier to clean the skin after exposure, but does not prevent absorption through the skin.
<b>Hygiene measures</b>	Do not smoke in work area. Wash at the end of each work shift and before eating, smoking and using the toilet. Wash promptly if skin becomes contaminated. Promptly remove any clothing that becomes contaminated. Do not eat, drink or smoke when using this product.
<b>Respiratory protection</b>	No specific recommendations. Respiratory protection may be required if excessive airborne contamination occurs.
<b>Environmental exposure controls</b>	Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

### SECTION 9: Physical and Chemical Properties

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

<b>Appearance</b>	Clear liquid.
<b>Colour</b>	Yellow.
<b>Odour</b>	Almost odourless. Citrus
<b>pH</b>	pH (diluted solution): >11 @ 3% (vol)
<b>Initial boiling point and range</b>	>100°C @ 760 mm Hg
<b>Flash point</b>	The product is not flammable.
<b>Relative density</b>	1.1g/ml @ 20°C
<b>Solubility(ies)</b>	Completely soluble in water.

#### 9.2. Other information

### 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

## QUANTUM PREMIUM TRAFFIC FILM REMOVER

**Possibility of hazardous reactions** Under normal conditions of storage and use, hazardous reactions will not occur.

### 10.4. Conditions to avoid

**Conditions to avoid** Avoid excessive heat for prolonged periods of time.

### 10.5. Incompatible materials

**Materials to avoid** Zinc. Aluminium. Chlorinated hydrocarbons. Acids.

### 10.6. Hazardous decomposition products

**Hazardous decomposition products** When water is added, the product reacts with a number of metals forming hydrogen gas, which may form explosive vapour/air mixtures. Fire creates: Carbon monoxide (CO). Carbon dioxide (CO<sub>2</sub>).

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

#### Acute toxicity - oral

**ATE oral (mg/kg)** 16,089.32

**General information** To the best of our knowledge the chemical, physical and toxicological properties have not been thoroughly investigated.

**Inhalation** Gas or vapour in high concentrations may irritate the respiratory system. Symptoms following overexposure may include the following: Coughing.

**Ingestion** May cause discomfort if swallowed.

**Skin contact** Irritating to skin.

**Eye contact** Causes serious eye irritation. Prolonged contact may cause burns.

**Acute and chronic health hazards** Not expected to be a health hazard when used under normal conditions.

**Route of exposure** Skin and/or eye contact

**Target organs** Eyes Skin Respiratory system, lungs Gastro-intestinal tract

**Medical symptoms** Irritation of eyes and mucous membranes. Liquid irritates mucous membranes and may cause abdominal pain if swallowed.

### Toxicological information on ingredients.

#### TRISODIUM NITRILOTRIACETATE

##### Acute toxicity - oral

**Acute toxicity oral (LD<sub>50</sub> mg/kg)** 1,450.0

**Species** Rat

**ATE oral (mg/kg)** 1,450.0

##### Acute toxicity - dermal

**Acute toxicity dermal (LD<sub>50</sub> mg/kg)** 10,000.0

**Species** Rabbit

## QUANTUM PREMIUM TRAFFIC FILM REMOVER

### Skin corrosion/irritation

**Animal data** Rabbit Not irritating.

### Serious eye damage/irritation

**Serious eye damage/irritation** Rabbit Irritating to eyes.

### SODIUM (XYLENES AND 4-ETHYLBENZENE) SULPHONATE

#### Acute toxicity - oral

**Acute toxicity oral (LD<sub>50</sub> mg/kg)** 7,200.0

**Species** Rat

**ATE oral (mg/kg)** 7,200.0

#### Acute toxicity - dermal

**Acute toxicity dermal (LD<sub>50</sub> mg/kg)** 2,001.0

**Species** Rabbit

**ATE dermal (mg/kg)** 2,001.0

#### Acute toxicity - inhalation

**Acute toxicity inhalation (LC<sub>50</sub> dust/mist mg/l)** 6.42

**Species** Rat

**ATE inhalation (dusts/mists mg/l)** 6.42

### Skin corrosion/irritation

**Animal data** Not irritating.

### Serious eye damage/irritation

**Serious eye damage/irritation** Irritating to eyes: Category 2.

### Respiratory sensitisation

**Respiratory sensitisation** Conclusive data but not sufficient for classification.

### Skin sensitisation

**Skin sensitisation** Not sensitising.

### Germ cell mutagenicity

**Genotoxicity - in vitro** Conclusive data but not sufficient for classification.

### Carcinogenicity

**Carcinogenicity** Conclusive data but not sufficient for classification.

### Reproductive toxicity

**Reproductive toxicity - fertility** Conclusive data but not sufficient for classification.

### Specific target organ toxicity - single exposure

## QUANTUM PREMIUM TRAFFIC FILM REMOVER

**STOT - single exposure** Conclusive data but not sufficient for classification.

### Specific target organ toxicity - repeated exposure

**STOT - repeated exposure** Conclusive data but not sufficient for classification.

### Aspiration hazard

**Aspiration hazard** Conclusive data but not sufficient for classification.

**Eye contact** Causes eye irritation.

## SODIUM HYDROXIDE

### Acute toxicity - oral

**Notes (oral LD<sub>50</sub>)** Based on available data the classification criteria are not met.

### Acute toxicity - dermal

**Notes (dermal LD<sub>50</sub>)** Based on available data the classification criteria are not met.

### Acute toxicity - inhalation

**Notes (inhalation LC<sub>50</sub>)** Based on available data the classification criteria are not met.

### Skin corrosion/irritation

**Skin corrosion/irritation** Causes severe burns.

### Serious eye damage/irritation

**Serious eye damage/irritation** Causes burns.

### Respiratory sensitisation

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

### Skin sensitisation

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

### Germ cell mutagenicity

**Genotoxicity - in vitro** Based on available data the classification criteria are not met.

### Carcinogenicity

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

### Reproductive toxicity

**Reproductive toxicity - fertility** Based on available data the classification criteria are not met.

### Specific target organ toxicity - single exposure

**STOT - single exposure** Based on available data the classification criteria are not met.

### Specific target organ toxicity - repeated exposure

**STOT - repeated exposure** Based on available data the classification criteria are not met.

### Aspiration hazard

**Aspiration hazard** No data available.



## QUANTUM PREMIUM TRAFFIC FILM REMOVER

<b>Skin contact</b>	Strong caustic effect on skin and mucous membranes.
<b>Eye contact</b>	Strong caustic effect.

### PROPYLENE GLYCOL

#### Acute toxicity - oral

**Acute toxicity oral (LD<sub>50</sub> mg/kg)** 20,001.0

**Species** Rat

**ATE oral (mg/kg)** 20,001.0

#### Acute toxicity - dermal

**Acute toxicity dermal (LD<sub>50</sub> mg/kg)** 2,001.0

**Species** Rabbit

**ATE dermal (mg/kg)** 2,001.0

#### Acute toxicity - inhalation

**Acute toxicity inhalation (LC<sub>50</sub> gases ppmV)** 100,000.0

**Species** Rabbit

**ATE inhalation (gases ppm)** 100,000.0

#### Skin corrosion/irritation

**Animal data** Dose: 0.5ml, 4 hr, Rabbit OECD Guideline 404. Not irritating.

**Human skin model test** Not available.

#### Serious eye damage/irritation

**Serious eye damage/irritation** Not irritating.

#### Respiratory sensitisation

**Respiratory sensitisation** There is no evidence that the material can lead to respiratory hypersensitivity.

#### Skin sensitisation

**Skin sensitisation** Not sensitising.

#### Germ cell mutagenicity

**Genotoxicity - in vitro** Gene mutation:: Negative.

**Genotoxicity - in vivo** Chromosome aberration: Negative.

#### Carcinogenicity

**Carcinogenicity** There is no evidence that the product can cause cancer.

#### Reproductive toxicity

**Reproductive toxicity - fertility** Fertility: - NOAEL 10100 mg/kg, Oral, Mouse F1 Does not interfere with fertility.

## QUANTUM PREMIUM TRAFFIC FILM REMOVER

**Reproductive toxicity - development** Developmental toxicity: - NOAEL: 10100 mg/kg, Oral, Mouse Does not interfere with development.

### Specific target organ toxicity - repeated exposure

**STOT - repeated exposure** NOAEL 1700 (Male) mg/kg, Oral, Rat Repeated exposure to high levels may affect the central nervous system.

**Inhalation** Harmful by inhalation.

**Ingestion** Nausea, vomiting.

**Skin contact** Slightly irritating.

**Eye contact** Irritating to eyes.

### 1,2-BENZISOTHIAZOL-3(2H)-ONE

#### Acute toxicity - oral

**Acute toxicity oral (LD<sub>50</sub> mg/kg)** 1,020.0

**Species** Rat

**ATE oral (mg/kg)** 1,020.0

#### Carcinogenicity

**IARC carcinogenicity** No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC

**Inhalation** Dust may irritate the respiratory system. May be harmful if inhaled.

**Ingestion** Harmful if swallowed.

**Skin contact** Causes skin irritation. May be harmful if absorbed through skin.

**Eye contact** Causes burns.

## SECTION 12: Ecological Information

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

### Ecological information on ingredients.

#### TRISODIUM NITRILOTRIACETATE

**Ecotoxicity** The product contains a substance which is harmful to aquatic organisms.

#### PROPYLENE GLYCOL

**Ecotoxicity** The product is not expected to be hazardous to the environment.

### 12.1. Toxicity

**Toxicity** Concentration of sodium hydroxide >10ppm or a pH >10.5 may be fatal to fish or other aquatic organisms.

### Ecological information on ingredients.

## QUANTUM PREMIUM TRAFFIC FILM REMOVER

### TRISODIUM NITRILOTRIACETATE

#### Acute aquatic toxicity

<b>Acute toxicity - fish</b>	LC <sub>50</sub> , 96 hours: > 100 mg/l, Pimephales promelas (Fat-head Minnow)
<b>Acute toxicity - aquatic invertebrates</b>	EC <sub>50</sub> , 96 hours: 98 mg/l,
<b>Acute toxicity - aquatic plants</b>	EC <sub>50</sub> , 72 hours: > 91.5 mg/l, Scenedesmus subspicatus
<b>Acute toxicity - microorganisms</b>	EC <sub>50</sub> , 8 hours: 3200 - 5600 mg/l, Pseudomonas fluorescens

### SODIUM (XYLENES AND 4-ETHYLBENZENE) SULPHONATE

#### Acute aquatic toxicity

<b>Acute toxicity - fish</b>	LC <sub>50</sub> , 96 hours: >1000 mg/l, Oncorhynchus mykiss (Rainbow trout)
<b>Acute toxicity - aquatic invertebrates</b>	EC <sub>50</sub> , Effect on growth., 48 hours: >1000 mg/l, Daphnia magna
<b>Acute toxicity - aquatic plants</b>	EC <sub>50</sub> , 96 hours: 230 mg/l, Pseudokirchneriella subcapitata

### SODIUM HYDROXIDE

#### Acute aquatic toxicity

<b>Acute toxicity - aquatic invertebrates</b>	EC <sub>50</sub> , 48 hours: 40.4 mg/l, Ceriodaphnia Sp.
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### PROPYLENE GLYCOL

#### Acute aquatic toxicity

<b>Acute toxicity - fish</b>	LC <sub>50</sub> , 96 hours: 40613 mg/l, Oncorhynchus mykiss (Rainbow trout)
<b>Acute toxicity - aquatic invertebrates</b>	LC <sub>50</sub> , 48 hours: 18340 mg/l, Freshwater invertebrates
<b>Acute toxicity - aquatic plants</b>	EC <sub>50</sub> , 96 hours: 19000 mg/l, Selenastrum capricornutum
<b>Acute toxicity - microorganisms</b>	LC <sub>50</sub> , 3 hours: >1000 mg/l, Activated sludge

#### Chronic aquatic toxicity

<b>Chronic toxicity - aquatic invertebrates</b>	NOEC, 7 days: 13020 mg/l, Freshwater invertebrates
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### 1,2-BENZISOTHIAZOL-3(2H)-ONE

#### Acute aquatic toxicity

<b>LE(C)<sub>50</sub></b>	0.1 < L(E)C <sub>50</sub> ≤ 1
<b>M factor (Acute)</b>	1
<b>Acute toxicity - fish</b>	LC <sub>50</sub> , 96 hours: 2.18 mg/l, Oncorhynchus mykiss (Rainbow trout)

## QUANTUM PREMIUM TRAFFIC FILM REMOVER

**Acute toxicity - aquatic invertebrates** EC<sub>50</sub>, 48 hours: 2.94 mg/l, Daphnia magna

**Acute toxicity - aquatic plants** Effect on growth., EC<sub>50</sub>, 72 hours: 0.11 mg/l, Pseudokirchneriella subcapitata

### 12.2. Persistence and degradability

**Persistence and degradability** Degrades readily and reaction with natural carbon dioxide.

### Ecological information on ingredients.

#### SODIUM (XYLENES AND 4-ETHYLBENZENE) SULPHONATE

**Persistence and degradability** The product is readily biodegradable.

#### SODIUM HYDROXIDE

**Persistence and degradability** The substances in this product are readily biodegradable.

#### PROPYLENE GLYCOL

**Phototransformation** Water - DT<sub>50</sub> : 0.83 days

**Biodegradation** Water - Degradation (%) 81.7: 28 days  
Water - Degradation (%) 90.6: 64 days  
1, 2-Propanediol will degrade in anaerobic conditions in various forms of soil once the correct bacterial conditions have been established. The intermediate propionic acid may alter soil pH but it is expected that the buffering capacity of the soil will counteract this.

### 12.3. Bioaccumulative potential

**Bioaccumulative potential** Soluble in water, low potential for bioaccumulation.

### Ecological information on ingredients.

#### TRISODIUM NITRILOTRIACETATE

**Bioaccumulative potential** Not potentially bioaccumulative BCF: < 3, Brachydanio rerio (Zebra Fish)

#### SODIUM (XYLENES AND 4-ETHYLBENZENE) SULPHONATE

**Bioaccumulative potential** Not potentially bioaccumulative

#### SODIUM HYDROXIDE

**Bioaccumulative potential** The product is not bioaccumulating.

#### PROPYLENE GLYCOL

**Bioaccumulative potential** Low potential. : 0.09,

**Partition coefficient** log Kow: -1.07

### 12.4. Mobility in soil

**Mobility** The product is water-soluble and may spread in water systems. The product is non-volatile.

## QUANTUM PREMIUM TRAFFIC FILM REMOVER

### Ecological information on ingredients.

#### TRISODIUM NITRILOTRIACETATE

**Mobility** The product is non-volatile.

#### SODIUM (XYLENES AND 4-ETHYLBENZENE) SULPHONATE

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

#### PROPYLENE GLYCOL

**Mobility** Volatilization from natural bodies of water or moist soil is not expected to be an important fate process. Potential for mobility in soil is very high.

**Adsorption/desorption coefficient** Water - Koc: 2.9 @ °C

**Henry's law constant** 0.00566 Pa m<sup>3</sup>/mol @ 12°C

**Surface tension** 71.6 mN/m @ 21.5°C

### 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.

### Ecological information on ingredients.

#### TRISODIUM NITRILOTRIACETATE

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

#### SODIUM (XYLENES AND 4-ETHYLBENZENE) SULPHONATE

**Results of PBT and vPvB assessment** Not applicable.

#### SODIUM HYDROXIDE

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

#### PROPYLENE GLYCOL

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

### 12.6. Other adverse effects

### Ecological information on ingredients.

#### 1,2-BENZISOTHIAZOL-3(2H)-ONE

**Other adverse effects** Very toxic to aquatic life with long lasting effects.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

## QUANTUM PREMIUM TRAFFIC FILM REMOVER

**General information** The packaging must be empty (drop-free when inverted). Waste should be treated as controlled waste. Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

**Disposal methods** Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

### SECTION 14: Transport information

#### 14.1. UN number

UN No. (ADR/RID)	3266
UN No. (IMDG)	3266
UN No. (ICAO)	3266
UN No. (ADN)	3266

#### 14.2. UN proper shipping name

**Proper shipping name (ADR/RID)** CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S. (CONTAINS SODIUM HYDROXIDE)

**Proper shipping name (IMDG)** CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S. (CONTAINS SODIUM HYDROXIDE)

**Proper shipping name (ICAO)** CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S. (CONTAINS SODIUM HYDROXIDE)

**Proper shipping name (ADN)** CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S. (CONTAINS SODIUM HYDROXIDE)

#### 14.3. Transport hazard class(es)

ADR/RID class	8
ADR/RID classification code	C5
ADR/RID label	8
IMDG class	8
ICAO class/division	8
ADN class	8

#### Transport labels



#### 14.4. Packing group

ADR/RID packing group	III
IMDG packing group	III
ADN packing group	III
ICAO packing group	III

#### 14.5. Environmental hazards

**Environmentally hazardous substance/marine pollutant**  
No.

#### 14.6. Special precautions for user

**EmS** F-A, S-B

## QUANTUM PREMIUM TRAFFIC FILM REMOVER

ADR transport category	3
Emergency Action Code	2X
Hazard Identification Number (ADR/RID)	80
Tunnel restriction code	(E)

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

#### SECTION 15: Regulatory information

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

<b>National regulations</b>	Control of Pollution (Special Waste) Regulations 1980 (as amended). The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (SI 2009 No. 716).
<b>EU legislation</b>	Dangerous Substances Directive 67/548/EEC. Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended). Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended).
<b>Guidance</b>	Workplace Exposure Limits EH40. Introduction to Local Exhaust Ventilation HS(G)37. CHIP for everyone HSG228. Approved Classification and Labelling Guide (Sixth edition) L131.

##### 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>	HS&E Manager.
<b>Revision date</b>	29/06/2018
<b>Revision</b>	7
<b>Supersedes date</b>	09/01/2017
<b>SDS status</b>	Approved.
<b>Hazard statements in full</b>	H290 May be corrosive to metals. H302 Harmful if swallowed. H314 Causes severe skin burns and eye damage. H318 Causes serious eye damage. H319 Causes serious eye irritation. H351 Suspected of causing cancer. H400 Very toxic to aquatic life. H410 Very toxic to aquatic life with long lasting effects.

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.