



## SAFETY DATA SHEET

### STP® Brake Parts Cleaner Professional

The REACH etc. (Amendment etc.) (EU Exit) Regulations 2019, SI 2019/758 (as amended).

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

##### 1.1. Product identifier

**Product name** STP® Brake Parts Cleaner Professional

**Product number** 72500

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

**Identified uses** Automotive brake parts cleaner.

**Uses advised against** No specific uses advised against are identified.

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

**Supplier** Energizer Trading Ltd  
Sword House  
Totteridge Road  
High Wycombe  
HP13 6DG  
UK  
Tel: +44 845 602 1995  
euregulatory@energizer.com

##### 1.4. Emergency telephone number

**Emergency telephone** +44 1495 350234  
Monday - Thursday: 0830 - 1700  
Friday: 0830 - 1530

#### SECTION 2: Hazards identification

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

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

**Physical hazards** Aerosol 1 - H222, H229

**Health hazards** Skin Irrit. 2 - H315 STOT SE 3 - H336 Asp. Tox. 1 - H304

**Environmental hazards** Aquatic Chronic 2 - H411

**Physicochemical** Containers can burst violently or explode when heated, due to excessive pressure build-up. When sprayed on a naked flame or any incandescent material the aerosol vapours can be ignited.

##### 2.2. Label elements

###### Hazard pictograms



**Signal word**

**Danger**

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|                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|-----------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Hazard statements</b>                      | <p>H222 Extremely flammable aerosol.</p> <p>H229 Pressurised container: may burst if heated.</p> <p>H315 Causes skin irritation.</p> <p>H336 May cause drowsiness or dizziness.</p> <p>H411 Toxic to aquatic life with long lasting effects.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Precautionary statements</b>               | <p>P102 Keep out of reach of children.</p> <p>P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.</p> <p>P211 Do not spray on an open flame or other ignition source.</p> <p>P251 Do not pierce or burn, even after use.</p> <p>P280 Wear protective clothing, gloves, eye and face protection.</p> <p>P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.</p> <p>P312 Call a POISON CENTRE/doctor if you feel unwell.</p> <p>P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.</p> <p>P501 Dispose of contents/ container in accordance with national regulations.</p> |
| <b>Contains</b>                               | Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Detergent labelling</b>                    | ≥ 30% aliphatic hydrocarbons                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Supplementary precautionary statements</b> | <p>P261 Avoid breathing vapour/ spray.</p> <p>P264 Wash contaminated skin thoroughly after handling.</p> <p>P271 Use only outdoors or in a well-ventilated area.</p> <p>P273 Avoid release to the environment.</p> <p>P302+P352 IF ON SKIN: Wash with plenty of water.</p> <p>P332+P313 If skin irritation occurs: Get medical advice/ attention.</p> <p>P362+P364 Take off contaminated clothing and wash it before reuse.</p> <p>P391 Collect spillage.</p> <p>P403+P233 Store in a well-ventilated place. Keep container tightly closed.</p> <p>P405 Store locked up.</p>                                                                                                                |

### 2.3. Other hazards

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

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

|                                                                                                                                            |                      |
|--------------------------------------------------------------------------------------------------------------------------------------------|----------------------|
| <b>Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics</b>                                                                                    | <b>50 - 100%</b>     |
| CAS number: —                                                                                                                              | EC number: 927-510-4 |
| <b>Classification</b><br>Flam. Liq. 2 - H225<br>Skin Irrit. 2 - H315<br>STOT SE 3 - H336<br>Asp. Tox. 1 - H304<br>Aquatic Chronic 2 - H411 |                      |

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|                                                      |                      |                     |
|------------------------------------------------------|----------------------|---------------------|
| <b>Hydrocarbons, C3-4-rich, petroleum distillate</b> |                      | <b>25 - &lt;50%</b> |
| CAS number: 68512-91-4                               | EC number: 270-990-9 |                     |
| Contains <0.1% w/w 1,3-butadiene (CAS: 106-99-0).    |                      |                     |
| <b>Classification</b>                                |                      |                     |
| Flam. Gas 1A - H220                                  |                      |                     |
| Press. Gas (Liq.) - H280                             |                      |                     |

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>Inhalation</b>   | Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Get medical attention if any discomfort continues.                                                                                                                                                    |
| <b>Ingestion</b>    | Rinse mouth thoroughly with water. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Keep affected person under observation. Do not induce vomiting unless under the direction of medical personnel. Get medical attention if any discomfort continues. |
| <b>Skin contact</b> | Remove contaminated clothing immediately and wash skin with soap and water. Do not use organic solvents. Get medical attention if any discomfort continues.                                                                                                                                                |
| <b>Eye contact</b>  | Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.                                                                                                                                                       |

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

|                     |                                                            |
|---------------------|------------------------------------------------------------|
| <b>Inhalation</b>   | Vapours may cause headache, fatigue, dizziness and nausea. |
| <b>Ingestion</b>    | May cause discomfort if swallowed.                         |
| <b>Skin contact</b> | Prolonged skin contact may cause redness and irritation.   |
| <b>Eye contact</b>  | Prolonged contact may cause redness and/or tearing.        |

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

|                             |                                                                                                             |
|-----------------------------|-------------------------------------------------------------------------------------------------------------|
| <b>Notes for the doctor</b> | The severity of the symptoms described will vary dependent on the concentration and the length of exposure. |
|-----------------------------|-------------------------------------------------------------------------------------------------------------|

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

|                                       |                                                                                                                                      |
|---------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|
| <b>Suitable extinguishing media</b>   | Extinguish with the following media: Dry chemicals, sand, dolomite etc. Carbon dioxide (CO <sub>2</sub> ). Water spray, fog or mist. |
| <b>Unsuitable extinguishing media</b> | Do not use water jet as an extinguisher, as this will spread the fire.                                                               |

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

|                                      |                                                                                                                                                                    |
|--------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Specific hazards</b>              | Containers can burst violently or explode when heated, due to excessive pressure build-up. Bursting aerosol containers may be propelled from a fire at high speed. |
| <b>Hazardous combustion products</b> | Thermal decomposition or combustion products may include the following substances: Oxides of carbon. Toxic gases or vapours.                                       |

#### 5.3. Advice for firefighters

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|                                                      |                                                                                                                                                                                                                                                               |
|------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Protective actions during firefighting</b>        | Use water to keep fire exposed containers cool and disperse vapours.                                                                                                                                                                                          |
| <b>Special protective equipment for firefighters</b> | Use protective equipment appropriate for surrounding materials. Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing. Firefighter's clothing will provide a basic level of protection for chemical incidents. |

### SECTION 6: Accidental release measures

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

|                             |                                                                                                                                                                  |
|-----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Personal precautions</b> | Wear protective clothing as described in Section 8 of this safety data sheet. Eliminate all ignition sources if safe to do so. Avoid contact with skin and eyes. |
|-----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|

#### 6.2. Environmental precautions

|                                  |                                                                 |
|----------------------------------|-----------------------------------------------------------------|
| <b>Environmental precautions</b> | Avoid discharge into drains or watercourses or onto the ground. |
|----------------------------------|-----------------------------------------------------------------|

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

|                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|--------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Methods for cleaning up</b> | Wear protective clothing as described in Section 8 of this safety data sheet. No smoking, sparks, flames or other sources of ignition near spillage. Eliminate all ignition sources if safe to do so. Do not touch or walk into spilled material. Absorb in vermiculite, dry sand or earth and place into containers. Use only non-sparking tools. Containers with collected spillage must be properly labelled with correct contents and hazard symbol. |
|--------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

#### 6.4. Reference to other sections

|                                    |                                                                                                  |
|------------------------------------|--------------------------------------------------------------------------------------------------|
| <b>Reference to other sections</b> | 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

|                                               |                                                                                                                                                                                                                                                                           |
|-----------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Usage precautions</b>                      | Read and follow manufacturer's recommendations. Wear protective clothing as described in Section 8 of this safety data sheet. Keep away from heat, sparks and open flame. Provide adequate ventilation.                                                                   |
| <b>Advice on general occupational hygiene</b> | Avoid contact with eyes and prolonged skin contact. Good personal hygiene procedures should be implemented. Do not eat, drink or smoke when using this product. Wash hands and any other contaminated areas of the body with soap and water before leaving the work site. |

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

|                            |                                                                                                                                               |
|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Storage precautions</b> | Store in a cool and well-ventilated place. Keep away from heat, sparks and open flame. Take precautionary measures against static discharges. |
|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|

#### 7.3. Specific end use(s)

|                            |                                                                   |
|----------------------------|-------------------------------------------------------------------|
| <b>Specific end use(s)</b> | 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

##### Hydrocarbons, C3-4-rich, petroleum distillate

Long-term exposure limit (8-hour TWA): WEL 600 ppm 1450 mg/m<sup>3</sup>

Short-term exposure limit (15-minute): WEL 750 ppm 1810 mg/m<sup>3</sup>

##### Carbon dioxide

Long-term exposure limit (8-hour TWA): WEL 5000 ppm 9150 mg/m<sup>3</sup>

Short-term exposure limit (15-minute): WEL 15000 ppm 27400 mg/m<sup>3</sup>

WEL = Workplace Exposure Limit.

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### 8.2. Exposure controls

|                                         |                                                                                                                                                                                                                                                                                                                                                                   |
|-----------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Appropriate engineering controls</b> | Provide adequate ventilation. All handling should only take place in well-ventilated areas. Avoid inhalation of vapours and spray/mists. Use explosion-proof electrical, ventilating and lighting equipment.                                                                                                                                                      |
| <b>Eye/face protection</b>              | 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: Wear tight-fitting, chemical splash goggles or face shield.                                                                |
| <b>Hand protection</b>                  | 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. Frequent changes are recommended. |
| <b>Other skin and body protection</b>   | Wear appropriate clothing to prevent repeated or prolonged skin contact.                                                                                                                                                                                                                                                                                          |
| <b>Hygiene measures</b>                 | Do not smoke in work area. Wash promptly with soap and water if skin becomes contaminated. Wash at the end of each work shift and before eating, smoking and using the toilet.                                                                                                                                                                                    |
| <b>Respiratory protection</b>           | Respiratory protection complying with an approved standard should be worn if a risk assessment indicates inhalation of contaminants is possible. Ensure all respiratory protective equipment is suitable for its intended use and is 'UKCA'-marked.                                                                                                               |

### SECTION 9: Physical and chemical properties

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

|                                                     |                         |
|-----------------------------------------------------|-------------------------|
| <b>Appearance</b>                                   | Aerosol.                |
| <b>Colour</b>                                       | Colourless.             |
| <b>Odour</b>                                        | Hydrocarbons.           |
| <b>Odour threshold</b>                              | Not determined.         |
| <b>pH</b>                                           | Not determined.         |
| <b>Melting point</b>                                | Not determined.         |
| <b>Initial boiling point and range</b>              | Not determined.         |
| <b>Flash point</b>                                  | Not determined.         |
| <b>Evaporation rate</b>                             | Not determined.         |
| <b>Evaporation factor</b>                           | Not determined.         |
| <b>Flammability (solid, gas)</b>                    | Not determined.         |
| <b>Upper/lower flammability or explosive limits</b> | Not determined.         |
| <b>Vapour pressure</b>                              | 5000 - 7000 mbar @ 25°C |
| <b>Vapour density</b>                               | Not determined.         |
| <b>Relative density</b>                             | Not determined.         |
| <b>Bulk density</b>                                 | 600 - 700 kg/m³         |
| <b>Solubility(ies)</b>                              | Immiscible with water.  |
| <b>Partition coefficient</b>                        | Not determined.         |

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|                           |                                                                                                                                 |
|---------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| Auto-ignition temperature | Not determined.                                                                                                                 |
| Decomposition Temperature | Not determined.                                                                                                                 |
| Viscosity                 | Not determined.                                                                                                                 |
| Explosive properties      | Not considered to be explosive.                                                                                                 |
| Oxidising properties      | The mixture itself has not been tested but none of the ingredient substances meet the criteria for classification as oxidising. |

### 9.2. Other information

|                           |       |
|---------------------------|-------|
| Volatile organic compound | 100 % |
|---------------------------|-------|

## 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 | Will not polymerise. |
|------------------------------------|----------------------|

### 10.4. Conditions to avoid

|                     |                                                                                                                                                                                          |
|---------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Conditions to avoid | Avoid exposing aerosol containers to high temperatures or direct sunlight. Avoid heat, flames and other sources of ignition. Avoid the accumulation of vapours in low or confined areas. |
|---------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

### 10.5. Incompatible materials

|                    |                                                                                                                  |
|--------------------|------------------------------------------------------------------------------------------------------------------|
| Materials to avoid | No specific material or group of materials is likely to react with the product to produce a hazardous situation. |
|--------------------|------------------------------------------------------------------------------------------------------------------|

### 10.6. Hazardous decomposition products

|                                  |                                                                                                                                                                                                                    |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Hazardous decomposition products | Does not decompose when used and stored as recommended. Decomposition at ambient temperatures may generate the following substances: Carbon dioxide (CO <sub>2</sub> ). Carbon monoxide (CO). Acid smoke or fumes. |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

#### 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 | Skin Irrit. 2 - H315 Causes skin irritation. |
|---------------------------|----------------------------------------------|

#### Serious eye damage/irritation

|                               |                                                                  |
|-------------------------------|------------------------------------------------------------------|
| Serious eye damage/irritation | Based on available data the classification criteria are not met. |
|-------------------------------|------------------------------------------------------------------|

#### Respiratory sensitisation

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**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.

**Genotoxicity - in vivo** 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** STOT SE 3 - H336 May cause drowsiness or dizziness.

### Specific target organ toxicity - repeated exposure

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

### Aspiration hazard

**Aspiration hazard** Asp. Tox. 1 - H304 May be fatal if swallowed and enters airways.

### Toxicological information on ingredients.

#### Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics

##### Acute toxicity - oral

**Acute toxicity oral (LD<sub>50</sub> mg/kg)** 5,840.0

**Species** Rat

**Notes (oral LD<sub>50</sub>)** REACH dossier information. Read-across data.

**ATE oral (mg/kg)** 5,840.0

##### Acute toxicity - dermal

**Acute toxicity dermal (LD<sub>50</sub> mg/kg)** 2,800.0

**Species** Rat

**Notes (dermal LD<sub>50</sub>)** REACH dossier information. Read-across data.

**ATE dermal (mg/kg)** 2,800.0

##### Acute toxicity - inhalation

**Acute toxicity inhalation (LC<sub>50</sub> vapours mg/l)** 23.3

**Species** Rat

**Notes (inhalation LC<sub>50</sub>)** REACH dossier information. Read-across data.

**ATE inhalation (vapours mg/l)** 23.3

##### Skin corrosion/irritation

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**Animal data** Dose: 0.5 ml, 4 hours, Rabbit Primary dermal irritation index: 1.42 Read-across data. REACH dossier information. Skin Irrit. 2 - H315

### Serious eye damage/irritation

**Serious eye damage/irritation** Dose: 0.2 ml, 7 days, Rabbit REACH dossier information. Based on available data the classification criteria are not met. Read-across data.

### Skin sensitisation

**Skin sensitisation** Guinea pig maximization test (GPMT) - Guinea pig: Not sensitising. REACH dossier information. Read-across data. Based on available data the classification criteria are not met.

### Germ cell mutagenicity

**Genotoxicity - in vitro** Chromosome aberration: Negative. REACH dossier information. Read-across data.

### Reproductive toxicity

**Reproductive toxicity - fertility** Two-generation study - NOAEL 10560 mg/m<sup>3</sup>, Inhalation, Rat F1 REACH dossier information. Based on available data the classification criteria are not met. Read-across data.

**Reproductive toxicity - development** Developmental toxicity: - NOAEC: 1200 ppm, Inhalation, Rat REACH dossier information. Read-across data. No evidence of reproductive toxicity in animal studies.

### Hydrocarbons, C3-4-rich, petroleum distillate

### Germ cell mutagenicity

**Genotoxicity - in vivo** Chromosome aberration: Negative. REACH dossier information.

### Reproductive toxicity

**Reproductive toxicity - fertility** One-generation study - NOAEC 10000 ppm, Inhalation, Rat P REACH dossier information.

**Reproductive toxicity - development** Developmental toxicity: - NOAEC: 10426 ppm, Inhalation, Rat REACH dossier information.

## SECTION 12: Ecological information

### 12.1. Toxicity

**Toxicity** Aquatic Chronic 2 - H411 Toxic to aquatic life with long lasting effects.

### Ecological information on ingredients.

### Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics

### Acute aquatic toxicity

**Acute toxicity - fish** LL<sub>50</sub>, 96 hours: > 13.4 mg/l, Oncorhynchus mykiss (Rainbow trout) REACH dossier information.

**Acute toxicity - aquatic invertebrates** EL<sub>50</sub>, 48 hours: 3 mg/l, Daphnia magna REACH dossier information. Read-across data.

**Acute toxicity - aquatic plants** EL<sub>50</sub>, 72 hours: 29 mg/l, Selenastrum capricornutum REACH dossier information. Read-across data.



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### Acute toxicity - microorganisms

EL<sub>50</sub>, 48 hours: 26.81 mg/l, Tetrahymena pyriformis  
QSAR  
REACH dossier information.

### Chronic aquatic toxicity

#### NOEC

0.01 < NOEC ≤ 0.1

#### Chronic toxicity - fish early life stage

NOELR, 28 days: 1.534 mg/l, Oncorhynchus mykiss (Rainbow trout)  
QSAR  
REACH dossier information.

#### Chronic toxicity - aquatic invertebrates

NOELR, 21 days: 1 mg/l, Daphnia magna  
REACH dossier information.  
Read-across data.

### Hydrocarbons, C3-4-rich, petroleum distillate

### Acute aquatic toxicity

#### Acute toxicity - fish

LC<sub>50</sub>, 96 hours: 49.47 mg/l, Fish  
REACH dossier information.  
QSAR

## 12.2. Persistence and degradability

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

### Ecological information on ingredients.

### Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics

#### Biodegradation

Water - Degradation (83%): 16 days  
Water - Degradation (98%): 28 days  
Read-across data.  
REACH dossier information.  
The substance is readily biodegradable.

### Hydrocarbons, C3-4-rich, petroleum distillate

#### Phototransformation

Water - DT<sub>50</sub> : 1906 days  
REACH dossier information.  
Calculation method.

#### Biodegradation

Water - Degradation (100%): 385.5 hours  
REACH dossier information.  
The substance is readily biodegradable.

## 12.3. Bioaccumulative potential

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

**Partition coefficient** Not determined.

### Ecological information on ingredients.

### Hydrocarbons, C3-4-rich, petroleum distillate

#### Partition coefficient

log Pow: 2.3058 REACH dossier information. QSAR

## 12.4. Mobility in soil

### Mobility

The product is insoluble in water.

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### Ecological information on ingredients.

#### Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics

Surface tension 20.7 mN/m @ 25°C REACH dossier information.

### 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 determined.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

**General information** Dispose of waste product or used containers in accordance with local regulations Do not puncture or incinerate, even when empty.

**Disposal methods** Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of the local water authority.

## SECTION 14: Transport information

### 14.1. UN number

UN No. (ADR/RID) 1950

UN No. (IMDG) 1950

UN No. (ICAO) 1950

UN No. (ADN) 1950

### 14.2. UN proper shipping name

**Proper shipping name (ADR/RID)** AEROSOLS

**Proper shipping name (IMDG)** AEROSOLS

**Proper shipping name (ICAO)** AEROSOLS

**Proper shipping name (ADN)** AEROSOLS

### 14.3. Transport hazard class(es)

**ADR/RID class** 2.1

**ADR/RID classification code** 5F

**ADR/RID label** 2.1

**IMDG class** 2.1

**ICAO class/division** 2.1

**ADN class** 2.1

### **Transport labels**



### 14.4. Packing group

## STP® Brake Parts Cleaner Professional

Not applicable.

### 14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant



### 14.6. Special precautions for user

EmS F-D, S-U

ADR transport category 2

Tunnel restriction code (D)

### 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.  
The REACH etc. (Amendment etc.) (EU Exit) Regulations 2019, SI 2019/758 (as amended).  
The Chemicals (Health and Safety) and Genetically Modified Organisms (Contained Use) (Amendment etc.) (EU Exit) Regulations 2019, SI 2019/720 (as amended).

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

## SECTION 16: Other information

**Abbreviations and acronyms used in the safety data sheet**

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road.  
RID: European Agreement concerning the International Carriage of Dangerous Goods by Rail.  
IMDG: International Maritime Dangerous Goods.  
IATA: International Air Transport Association.  
ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways.  
ATE: Acute Toxicity Estimate.  
DNEL: Derived No Effect Level.  
LC50: Lethal Concentration to 50 % of a test population.  
LD50: Lethal Dose to 50% of a test population (Median Lethal Dose).  
PBT: Persistent, Bioaccumulative and Toxic substance.  
vPvB: Very Persistent and Very Bioaccumulative.  
BCF: Bioconcentration Factor.

**Classification procedures according to SI 2019 No. 720** Aerosol 1 - H222, H229: Expert judgement. Skin Irrit. 2 - H315, STOT SE 3 - H336, Asp. Tox. 1 - H304, Aquatic Chronic 2 - H411: Calculation method.

**Revision comments** Section 3: Composition/information on ingredients // 3.2 Mixtures.

**Revision date** 28/07/2021

**Revision** 12

**Supersedes date** 02/06/2021

## STP® Brake Parts Cleaner Professional

**SDS number** 442

**Hazard statements in full**

- H220 Extremely flammable gas.
- H222 Extremely flammable aerosol.
- H225 Highly flammable liquid and vapour.
- H229 Pressurised container: may burst if heated.
- H280 Contains gas under pressure; may explode if heated.
- H304 May be fatal if swallowed and enters airways.
- H315 Causes skin irritation.
- H336 May cause drowsiness or dizziness.
- H411 Toxic to aquatic life with long lasting effects.

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