



SAFETY DATA SHEET

STP® Professional Diesel Particulate Filter Cleaner 200ml

According to Regulation (EC) No 1907/2006, Annex II, as amended.

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

1.1. Product identifier

Product name STP® Professional Diesel Particulate Filter Cleaner 200ml

Product number 13200

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

Identified uses Fuel additive.

Uses advised against No specific uses advised against are identified.

1.3. Details of the supplier of the safety data sheet

Supplier

Armored Auto UK Ltd
Unit 16
Rassau Industrial Estate
Ebbw Vale
Gwent
NP23 5SD
UK
Tel: +44 1495 350234
Fax: +44 1495 350431
euregulatory@eu.spectrumbrands.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 (EC 1272/2008)

Physical hazards Not Classified

Health hazards Asp. Tox. 1 - H304

Environmental hazards Aquatic Chronic 3 - H412

Human health Pneumonia may be the result if vomited material containing solvents reaches the lungs.

2.2. Label elements

Pictogram



STP® Professional Diesel Particulate Filter Cleaner 200ml

| | |
|---|--|
| Signal word | Danger |
| Hazard statements | H304 May be fatal if swallowed and enters airways. H412 Harmful to aquatic life with long lasting effects. |
| Precautionary statements | P102 Keep out of reach of children. P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/ doctor. P331 Do NOT induce vomiting. P501 Dispose of contents/ container in accordance with national regulations. |
| Supplemental label information | EUH066 Repeated exposure may cause skin dryness or cracking. |
| Contains | Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics, Hydrocarbons, C11-C13, isoalkanes, <2% aromatics |
| Supplementary precautionary statements | P273 Avoid release to the environment. |

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

| | | | |
|--|----------------------|--|-----------|
| Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics | | | 50 - 100% |
| CAS number: — | EC number: 926-141-6 | REACH registration number: 01-2119456620-43-XXXX | |
| Classification Asp. Tox. 1 - H304 | | | |
| Hydrocarbons, C11-C13, isoalkanes, <2% aromatics | | | 2.5 - <5% |
| CAS number: — | EC number: 920-901-0 | REACH registration number: 01-2119456810-40-XXXX | |
| Classification Asp. Tox. 1 - H304 | | | |
| Organometallic iron compound | | | 1 - <2.5% |
| CAS number: — | | | |
| Classification STOT RE 2 - H373 Aquatic Chronic 4 - H413 | | | |

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| | | | |
|---|-------------------------|--|--------------------------|
| Phenol, dodecyl-, branched | | | 0.025 - <0.25% |
| CAS number: 121158-58-5 | EC number: 310-154-3 | REACH registration number: 01-2119513207-49-XXXX | |
| M factor (Acute) = 1 | M factor (Chronic) = 10 | | |
| Classification Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 Repr. 2 - H361f Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410 | | | |

| | | | |
|---|----------------------|--|--------------------------|
| Ferrocene | | | 0.025 - <0.25% |
| CAS number: 102-54-5 | EC number: 203-039-3 | REACH registration number: 01-2119978280-34-XXXX | |
| M factor (Chronic) = 10 | | | |
| Classification Flam. Sol. 1 - H228 Acute Tox. 4 - H302 Acute Tox. 4 - H332 Repr. 1B - H360FD STOT RE 2 - H373 Aquatic Chronic 1 - H410 | | | |

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

Composition comments Contains <0.5% Naphthalene.

SECTION 4: First aid measures

4.1. Description of first aid measures

| | |
|---------------------|---|
| Inhalation | Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. |
| Ingestion | Never give anything by mouth to an unconscious person. Do not induce vomiting. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention immediately. |
| Skin contact | Remove contaminated clothing immediately and wash skin with soap and water. Get medical attention if symptoms are severe or persist after washing. |
| Eye contact | Remove any contact lenses and open eyelids wide apart. Continue to rinse. |

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

| | |
|---------------------|---|
| Inhalation | Vapours may cause drowsiness and dizziness. |
| Ingestion | May cause discomfort if swallowed. Entry into the lungs following ingestion or vomiting may cause chemical pneumonitis. |
| Skin contact | Prolonged skin contact may cause redness and irritation. |
| Eye contact | May cause temporary eye irritation. |

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

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Notes for the doctor 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

Suitable extinguishing media Extinguish with alcohol-resistant foam, carbon dioxide, dry powder or water fog. 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

Hazardous combustion products Thermal decomposition or combustion products may include the following substances: Oxides of carbon. Toxic gases or vapours.

5.3. Advice for firefighters

Special protective equipment for firefighters Use protective equipment appropriate for surrounding materials.

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 Avoid discharge into drains or watercourses or onto the ground.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up Wear suitable protective equipment, including gloves, goggles/face shield, respirator, boots, clothing or apron, as appropriate. Do not touch or walk into spilled material. Absorb in vermiculite, dry sand or earth and place into containers. Containers with collected spillage must be properly labelled with correct contents and hazard symbol.

6.4. Reference to other sections

Reference to other sections 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 Read and follow manufacturer's recommendations.

Advice on general occupational hygiene Avoid contact with eyes and prolonged skin contact. No specific hygiene procedures recommended but good personal hygiene practices should always be observed when working with chemical products. 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

Storage precautions Store in a cool and well-ventilated place. Keep away from heat, sparks and open flame. Store locked up.

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

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8.1. Control parameters

8.2. Exposure controls

Protective equipment



Eye/face protection

Wear tight-fitting, chemical splash goggles or face shield.

Hand protection

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.

Hygiene measures

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.

SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

| | |
|--|---|
| Appearance | Liquid. |
| Colour | Burnt orange Brown. |
| Odour | Characteristic. |
| Odour threshold | Not determined. |
| pH | Not determined. |
| Melting point | Not determined. |
| Initial boiling point and range | Not determined. |
| Flash point | 77°C |
| Evaporation rate | Not determined. |
| Evaporation factor | Not determined. |
| Flammability (solid, gas) | Not determined. |
| Upper/lower flammability or explosive limits | Not determined. |
| Vapour pressure | Not determined. |
| Vapour density | Not determined. |
| Relative density | 0.8050 |
| Bulk density | 803.5 kg/m ³ |
| Partition coefficient | Not determined. |
| 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. |

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9.2. Other information

Other information No information required.

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity The following materials may react with the product: Acids. Oxidising materials.

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 excessive heat for prolonged periods of time.

10.5. Incompatible materials

Materials to avoid Strong oxidising agents.

10.6. Hazardous decomposition products

Hazardous decomposition products Thermal decomposition or combustion products may include the following substances: Carbon dioxide (CO₂). Carbon monoxide (CO). Toxic gases or vapours.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity - oral

Notes (oral LD₅₀) Based on available data the classification criteria are not met.

Acute toxicity - dermal

Notes (dermal LD₅₀) Based on available data the classification criteria are not met.

Acute toxicity - inhalation

Notes (inhalation LC₅₀) Based on available data the classification criteria are not met.

Skin corrosion/irritation

Animal data Based on available data the classification criteria are not met.

Serious eye damage/irritation

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

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.

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.

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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 Kinematic viscosity $\leq 20.5 \text{ mm}^2/\text{s}$. Asp. Tox. 1 - H304 Aspiration hazard if swallowed.

Skin contact

Repeated exposure may cause skin dryness or cracking.

Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics

Acute toxicity - oral

Acute toxicity oral (LD₅₀ mg/kg) 15,000.0

Species Rat

Notes (oral LD₅₀) REACH dossier information. Read-across data.

ATE oral (mg/kg) 15,000.0

Acute toxicity - dermal

Acute toxicity dermal (LD₅₀ mg/kg) 3,160.0

Species Rabbit

Notes (dermal LD₅₀) REACH dossier information. Read-across data.

ATE dermal (mg/kg) 3,160.0

Acute toxicity - inhalation

Acute toxicity inhalation (LC₅₀ vapours mg/l) 4,951.0

Species Rat

Notes (inhalation LC₅₀) REACH dossier information. Read-across data.

ATE inhalation (vapours mg/l) 4,951.0

Skin corrosion/irritation

Animal data Dose: 0.5 ml, 4 hours, Rabbit Erythema/eschar score: Well defined erythema (2). Oedema score: Very slight oedema - barely perceptible (1). REACH dossier information. Read-across data.

Serious eye damage/irritation

Serious eye damage/irritation Dose: 0.1 ml, 1 second, Rabbit Not irritating. REACH dossier information. Read-across data.

Skin sensitisation

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Skin sensitisation Guinea pig maximization test (GPMT) - Guinea pig: Not sensitising. REACH dossier information. Read-across data.

Germ cell mutagenicity

Genotoxicity - in vitro Gene mutation: Negative. REACH dossier information. Read-across data.

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

Carcinogenicity

Carcinogenicity NOAEC 1100 mg/m³, Inhalation, Mouse REACH dossier information. Read-across data.

Reproductive toxicity

Reproductive toxicity - fertility Fertility, One-generation study - NOAEL 750 mg/kg/day, Oral, Rat F1 REACH dossier information. Read-across data.

Reproductive toxicity - development Maternal toxicity: - NOAEL: >= 5220 mg/m³, Inhalation, Rat REACH dossier information.

Specific target organ toxicity - repeated exposure

STOT - repeated exposure NOAEC > 10400 mg/m³, Inhalation, Rat REACH dossier information. Read-across data.

Aspiration hazard

Aspiration hazard 2.4 cSt @ 20°C Asp. Tox. 1 - H304

Hydrocarbons, C11-C13, isoalkanes, <2% aromatics

Acute toxicity - oral

Acute toxicity oral (LD₅₀ mg/kg) 15,000.0

Species Rat

Notes (oral LD₅₀) REACH dossier information. Read-across data.

ATE oral (mg/kg) 15,000.0

Acute toxicity - dermal

Acute toxicity dermal (LD₅₀ mg/kg) 3,160.0

Species Rabbit

Notes (dermal LD₅₀) REACH dossier information. Read-across data.

ATE dermal (mg/kg) 3,160.0

Acute toxicity - inhalation

Acute toxicity inhalation (LC₅₀ vapours mg/l) 4,951.0

Species Rat

Notes (inhalation LC₅₀) REACH dossier information. Read-across data.

ATE inhalation (vapours mg/l) 4,951.0

Skin corrosion/irritation

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| | |
|--|--|
| Animal data | Dose: 0.5 ml, 4 hours, Rabbit Erythema/eschar score: Well defined erythema (2). Oedema score: Very slight oedema - barely perceptible (1). REACH dossier information. Read-across data. |
| <u>Serious eye damage/irritation</u> | |
| Serious eye damage/irritation | Dose: 0.1 ml, 1 second, Rabbit Not irritating. REACH dossier information. Read-across data. |
| <u>Skin sensitisation</u> | |
| Skin sensitisation | Guinea pig maximization test (GPMT) - Guinea pig: Not sensitising. REACH dossier information. Read-across data. |
| <u>Germ cell mutagenicity</u> | |
| Genotoxicity - in vitro | Chromosome aberration: Negative. REACH dossier information. Read-across data. |
| Genotoxicity - in vivo | Chromosome aberration: Negative. REACH dossier information. Read-across data. |
| <u>Carcinogenicity</u> | |
| Carcinogenicity | NOAEC 1100 mg/m ³ , Inhalation, Mouse REACH dossier information. Read-across data. |
| <u>Reproductive toxicity</u> | |
| Reproductive toxicity - fertility | Fertility - NOAEL 750 mg/kg/day, Oral, Rat F1 REACH dossier information. Read-across data. |
| Reproductive toxicity - development | Developmental toxicity: - NOAEL: ≥ 5220 mg/m ³ , Inhalation, Rat REACH dossier information. |
| <u>Aspiration hazard</u> | |
| Aspiration hazard | 1.77 cSt @ 20°C/68°F REACH dossier information. Asp. Tox. 1 - H304 |
| <u>Phenol, dodecyl-, branched</u> | |
| <u>Acute toxicity - oral</u> | |
| Acute toxicity oral (LD₅₀ mg/kg) | 2,100.0 |
| Species | Rat |
| Notes (oral LD₅₀) | REACH dossier information. |
| ATE oral (mg/kg) | 2,100.0 |
| <u>Acute toxicity - dermal</u> | |
| Acute toxicity dermal (LD₅₀ mg/kg) | 15,000.0 |
| Species | Rabbit |
| Notes (dermal LD₅₀) | REACH dossier information. |
| ATE dermal (mg/kg) | 15,000.0 |
| <u>Skin corrosion/irritation</u> | |
| Skin corrosion/irritation | Skin Irrit. 2 - H315, Causes skin irritation. |

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Animal data Dose: 0.5 ml, 4 hours, Rabbit Erythema/eschar score: Severe erythema (beef redness) to eschar formation preventing grading of erythema (4). Oedema score: Moderate oedema - raised approximately 1 mm (3). Primary dermal irritation index: 6.2 REACH dossier information. Irritating.

Serious eye damage/irritation

Serious eye damage/irritation Dose: 0.1 ml, 24 - 72 hours, Rabbit REACH dossier information. Eye Irrit. 2 - H319 Causes serious eye irritation.

Skin sensitisation

Skin sensitisation Buehler test - Guinea pig: Not sensitising. REACH dossier information.

Germ cell mutagenicity

Genotoxicity - in vitro Gene mutation: Negative. REACH dossier information.

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

Reproductive toxicity

Reproductive toxicity - fertility Two-generation study - NOAEL 1.5 mg/kg/day, Oral, Rat F1 REACH dossier information. Repr. 2 - H361f Suspected of damaging fertility.

Reproductive toxicity - development Maternal toxicity: - NOAEL: 100 mg/kg/day, Oral, Rat REACH dossier information.

Aspiration hazard

Aspiration hazard Kinematic viscosity > 20.5 mm²/s. REACH dossier information.

Ferrocene

Acute toxicity - oral

Acute toxicity oral (LD₅₀ mg/kg) 1,320.0

Species Rat

Notes (oral LD₅₀) REACH dossier information.

ATE oral (mg/kg) 1,320.0

Acute toxicity - dermal

Acute toxicity dermal (LD₅₀ mg/kg) 3,000.0

Species Rat

Notes (dermal LD₅₀) REACH dossier information.

ATE dermal (mg/kg) 3,000.0

Acute toxicity - inhalation

Notes (inhalation LC₅₀) Converted acute toxicity point estimate (cATpE)

ATE inhalation (vapours mg/l) 11.0

Skin corrosion/irritation

Animal data Dose: 0.5 g, 4 hours, Rabbit Primary dermal irritation index: 0.5 / 1 REACH dossier information.

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Serious eye damage/irritation

Serious eye damage/irritation Dose: 0.1 g, 72 hours, Rabbit REACH dossier information. Not irritating.

Skin sensitisation

Skin sensitisation Guinea pig maximization test (GPMT) - Guinea pig: Not sensitising. REACH dossier information.

Germ cell mutagenicity

Genotoxicity - in vitro Bacterial reverse mutation test: Negative. REACH dossier information.

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

Reproductive toxicity

Reproductive toxicity - fertility Screening - NOEL 5 mg/kg/day, Oral, Rat P, F1 REACH dossier information.

SECTION 12: Ecological Information

12.1. Toxicity

Toxicity Aquatic Chronic 3 - H412

Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics

| | |
|---|--|
| Acute toxicity - fish | LL ₅₀ , 96 hours: > 1000 mg/l, Onchorhynchus mykiss (Rainbow trout) REACH dossier information. |
| Acute toxicity - aquatic invertebrates | EL ₅₀ , 48 hours: > 1000 mg/l, Daphnia magna REACH dossier information. |
| Acute toxicity - aquatic plants | EL ₅₀ , 72 hours: > 1000 mg/l, Pseudokirchneriella subcapitata REACH dossier information. |
| Chronic toxicity - fish early life stage | NOELR, 28 days: 0.173 mg/l, Onchorhynchus mykiss (Rainbow trout) QSAR REACH dossier information. |
| Chronic toxicity - aquatic invertebrates | NOELR, 21 days: 1.22 mg/l, Daphnia magna QSAR REACH dossier information. |

Hydrocarbons, C11-C13, isoalkanes, <2% aromatics

| | |
|---|---|
| Acute toxicity - fish | LL ₅₀ , 96 hours: > 1000 mg/l, Onchorhynchus mykiss (Rainbow trout) REACH dossier information. Read-across data. |
| Acute toxicity - aquatic invertebrates | EL ₅₀ , 48 hours: > 1000 mg/l, Daphnia magna REACH dossier information. Read-across data. |
| Acute toxicity - aquatic plants | EL ₅₀ , 72 hours: > 1000 mg/l, Pseudokirchneriella subcapitata REACH dossier information. Read-across data. |

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| | |
|---|---|
| Acute toxicity - microorganisms | EL ₅₀ , 5 hours: > 1.52 mg/l, <i>Pseudomonas putida</i> REACH dossier information. Read-across data. |
| Chronic toxicity - fish early life stage | NOELR, 28 days: 0.217 mg/l, <i>Onchorhynchus mykiss</i> (Rainbow trout) REACH dossier information. QSAR |
| Chronic toxicity - aquatic invertebrates | NOELR, 21 days: 1 mg/l, <i>Daphnia magna</i> REACH dossier information. |

Phenol, dodecyl-, branched

Acute aquatic toxicity

| | |
|---|--|
| LE(C)₅₀ | 0.1 < L(E)C ₅₀ ≤ 1 |
| M factor (Acute) | 1 |
| Acute toxicity - fish | EL ₅₀ , 96 hours: 40 mg/l, <i>Pimephales promelas</i> (Fat-head Minnow) NOELR, 96 hours: 25 mg/l, <i>Pimephales promelas</i> (Fat-head Minnow) REACH dossier information. |
| Acute toxicity - aquatic invertebrates | EC ₅₀ , 48 hours: 0.037 mg/l, <i>Daphnia magna</i> NOEC, 48 hours: 0.011 mg/l, <i>Daphnia magna</i> REACH dossier information. |
| Acute toxicity - aquatic plants | EC ₅₀ , 72 hours: 0.15 mg/l, <i>Scenedesmus subspicatus</i> NOEC, 72 hours: 0.07 mg/l, <i>Scenedesmus subspicatus</i> REACH dossier information. |
| Acute toxicity - microorganisms | EC ₅₀ , 3 hours: > 1000 mg/l, Activated sludge NOEC, 3 hours: 1000 mg/l, Activated sludge REACH dossier information. |

Chronic aquatic toxicity

| | |
|---|--|
| M factor (Chronic) | 10 |
| Chronic toxicity - aquatic invertebrates | EC ₅₀ , 21 days: 0.0079 mg/l, <i>Daphnia magna</i> NOEC, 21 days: 0.0037 mg/l, <i>Daphnia magna</i> LOEC, 21 days: 0.012 mg/l, <i>Daphnia magna</i> REACH dossier information. |

Ferrocene

| | |
|---|---|
| Acute toxicity - fish | LC ₅₀ , 48 hours: 24.5 mg/l, <i>Leuciscus idus</i> (Golden orfe) REACH dossier information. |
| Acute toxicity - aquatic invertebrates | EC ₅₀ , 24 hours: 2.5 mg/l, <i>Daphnia magna</i> REACH dossier information. |
| Acute toxicity - aquatic plants | EC ₅₀ , 72 hours: 1.03 mg/l, <i>Desmodesmus subspicatus</i> REACH dossier information. |
| Acute toxicity - microorganisms | NOEC, 6 hours: > 87.6 mg/kg, <i>Pseudomonas putida</i> REACH dossier information. |

Chronic aquatic toxicity

| | |
|-------------|-------------------|
| NOEC | 0.01 < NOEC ≤ 0.1 |
|-------------|-------------------|

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M factor (Chronic) 10

Chronic toxicity - fish early life stage NOEC, 14 days: 1.5 mg/l, Leuciscus idus (Golden orfe) REACH dossier information.

Chronic toxicity - aquatic invertebrates NOEC, 21 days: ~ 0.0015 mg/l, Daphnia magna REACH dossier information.

12.2. Persistence and degradability

Persistence and degradability No data available.

Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics

Biodegradation Water - Degradation ~ 5%: 3 days
Water - Degradation 69: 28 days
REACH dossier information.
Readily biodegradable but failing the 10-day window.

Hydrocarbons, C11-C13, isoalkanes, <2% aromatics

Biodegradation Water - Degradation (31.3%): 28 days
REACH dossier information.
Read-across data.
Inherently biodegradable.

Phenol, dodecyl-, branched

Persistence and degradability Not readily biodegradable.

Biodegradation Water - Degradation (10%): 56 days
REACH dossier information.
Not inherently biodegradable.

Ferrocene

Biodegradation Water - Degradation (56%): 28 days
REACH dossier information.
Inherently biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential No data available on bioaccumulation.

Partition coefficient Not determined.

Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics

Partition coefficient Scientifically unjustified. REACH dossier information.

Phenol, dodecyl-, branched

Bioaccumulative potential BCF: 289, Onchorhynchus mykiss (Rainbow trout) REACH dossier information.

Partition coefficient log Pow: 7.14 REACH dossier information.

Ferrocene

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Partition coefficient log Pow: 3.711 REACH dossier information.

12.4. Mobility in soil

Mobility The product is soluble in water.

Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics

Mobility The product has poor water-solubility.

Surface tension 26.4 mN/m @ 25°C

Hydrocarbons, C11-C13, isoalkanes, <2% aromatics

Surface tension 24.1 mN/m @ 25°C/77°F REACH dossier information.

Phenol, dodecyl-, branched

Adsorption/desorption coefficient Water - Log Koc: 0.000104 - 0.000471 @ 30°C REACH dossier information.

Surface tension 42.2 mN/m @ 22°C

Ferrocene

Adsorption/desorption coefficient - log Koc: ~ 3 @ 25°C/77°F 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

SECTION 14: Transport information

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

14.1. UN number

Not applicable.

14.2. UN proper shipping name

Not applicable.

14.3. Transport hazard class(es)

No transport warning sign required.

14.4. Packing group

Not applicable.

14.5. Environmental hazards

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Environmentally hazardous substance/marine pollutant

No.

14.6. Special precautions for user

Not applicable.

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

Transport in bulk according to Not applicable.

Annex II of MARPOL 73/78
and the IBC Code

SECTION 15: Regulatory information

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

| | |
|-----------------------------|--|
| National regulations | EH40/2005 Workplace exposure limits. |
| EU legislation | 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). 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). Commission Regulation (EU) No 2015/830 of 28 May 2015. |

15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

SECTION 16: Other information

| | |
|---|---|
| Classification procedures according to Regulation (EC) 1272/2008 | Asp. Tox. 1 - H304: Calculation method., Expert judgement. Aquatic Chronic 3 - H412: Calculation method. EUH066: Expert judgement. |
| Revision comments | This is first issue. |
| Revision date | 12/08/2014 |
| Revision | 1 |
| SDS number | 539 |
| Hazard statements in full | H228 Flammable solid. H302 Harmful if swallowed. H304 May be fatal if swallowed and enters airways. H315 Causes skin irritation. H319 Causes serious eye irritation. H332 Harmful if inhaled. H360FD May damage fertility. May damage the unborn child. H361f Suspected of damaging fertility if swallowed. H373 May cause damage to organs (Liver) through prolonged or repeated exposure. H373 May cause damage to organs through prolonged or repeated exposure. H400 Very toxic to aquatic life. H410 Very toxic to aquatic life with long lasting effects. H412 Harmful to aquatic life with long lasting effects. H413 May cause long lasting harmful effects to aquatic life. |

STP® Professional Diesel Particulate Filter Cleaner 200ml

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