



SAFETY DATA SHEET

STP® Carb Spray Cleaner Professional

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® Carb Spray Cleaner Professional

Product number 71500

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

Identified uses Cleaning agent.

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 Aerosol 1 - H222, H229

Health hazards Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 STOT SE 3 - H335, H336 STOT RE 2 - H373 Asp. Tox. 1 - H304

Environmental hazards Not Classified

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

STP® Carb Spray Cleaner Professional

Pictogram



Signal word

Danger

Hazard statements

H222 Extremely flammable aerosol.
 H315 Causes skin irritation.
 H319 Causes serious eye irritation.
 H373 May cause damage to organs through prolonged or repeated exposure.
 H229 Pressurised container: may burst if heated
 H335 May cause respiratory irritation.
 H336 May cause drowsiness or dizziness.

Precautionary statements

P102 Keep out of reach of children.
 P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
 P211 Do not spray on an open flame or other ignition source.
 P251 Do not pierce or burn, even after use.
 P260 Do not breathe vapour/ spray.
 P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.
 P314 Get medical advice/ attention if you feel unwell.
 P302+P352 IF ON SKIN: Wash with plenty of water.
 P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.
 P501 Dispose of contents/ container in accordance with national regulations.

Contains

acetone, xylene, 4-hydroxy-4-methylpentan-2-one, ethylbenzene

Supplementary precautionary statements

P264 Wash contaminated skin thoroughly after handling.
 P271 Use only outdoors or in a well-ventilated area.
 P332+P313 If skin irritation occurs: Get medical advice/ attention.
 P362+P364 Take off contaminated clothing and wash it before reuse.
 P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
 P312 Call a POISON CENTER/ doctor if you feel unwell.
 P337+P313 If eye irritation persists: Get medical advice/ attention.
 P403+P233 Store in a well-ventilated place. Keep container tightly closed.
 P405 Store locked up.

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

acetone		25 - <50%
CAS number: 67-64-1	EC number: 200-662-2	REACH registration number: 01-2119471330-49-XXXX
Classification Flam. Liq. 2 - H225 Eye Irrit. 2 - H319 STOT SE 3 - H336		

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Hydrocarbons, C3-4-rich, petroleum distillate			25 - <50%
CAS number: 68512-91-4	EC number: 270-990-9		
Classification Flam. Gas 1 - H220 Press. Gas, Liquefied - H280			
xylene			10 - <25%
CAS number: 1330-20-7	EC number: 215-535-7	REACH registration number: 01-2119488216-32-XXXX	
Classification Flam. Liq. 3 - H226 Acute Tox. 4 - H312 Acute Tox. 4 - H332 Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 STOT SE 3 - H335 STOT RE 2 - H373 Asp. Tox. 1 - H304			
4-hydroxy-4-methylpentan-2-one			10 - <25%
CAS number: 123-42-2	EC number: 204-626-7	REACH registration number: 01-2119473975-21-XXXX	
Classification Flam. Liq. 2 - H225 Eye Irrit. 2 - H319 STOT SE 3 - H335			
ethylbenzene			2.5 - <5%
CAS number: 100-41-4	EC number: 202-849-4		
Classification Flam. Liq. 2 - H225 Acute Tox. 4 - H332 STOT RE 2 - H373 Asp. Tox. 1 - H304 Aquatic Chronic 3 - H412			

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

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. Get medical attention if any discomfort continues.

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Ingestion	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.
Skin contact	Remove contaminated clothing immediately and wash skin with soap and water. Do not use organic solvents. Get medical attention if any discomfort continues.
Eye contact	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

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

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

Notes for the doctor	The severity of the symptoms described will vary dependent on the concentration and the length of exposure.
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SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	Extinguish with the following media: Dry chemicals, sand, dolomite etc. Carbon dioxide (CO ₂). Water spray, fog or mist.
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.
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5.3. Advice for firefighters

Protective actions during firefighting	Use water to keep fire exposed containers cool and disperse vapours.
Special protective equipment for firefighters	Use air-supplied respirator, gloves and protective goggles.

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.
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6.2. Environmental precautions

Environmental precautions	Avoid discharge into drains or watercourses or onto the ground.
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6.3. Methods and material for containment and cleaning up

Methods for cleaning up	Eliminate all sources of ignition. No smoking, sparks, flames or other sources of ignition near spillage. Ventilate closed spaces before entering them. 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.
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6.4. Reference to other sections

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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. Keep away from heat, sparks and open flame. Provide adequate ventilation.

Advice on general occupational hygiene Avoid contact with eyes and prolonged skin contact. 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.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions Store in a cool and well-ventilated place.

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

acetone

Long-term exposure limit (8-hour TWA): WEL 500 ppm 1210 mg/m³

Short-term exposure limit (15-minute): WEL 1500 ppm 3620 mg/m³

Hydrocarbons, C3-4-rich, petroleum distillate

Long-term exposure limit (8-hour TWA): WEL 600 ppm 1450 mg/m³

Short-term exposure limit (15-minute): WEL 750 ppm 1810 mg/m³

xylene

Long-term exposure limit (8-hour TWA): WEL 50 ppm 220 mg/m³

Short-term exposure limit (15-minute): WEL 100 ppm 441 mg/m³

Sk

4-hydroxy-4-methylpentan-2-one

Long-term exposure limit (8-hour TWA): WEL 50 ppm 241 mg/m³

Short-term exposure limit (15-minute): WEL 75 ppm 362 mg/m³

ethylbenzene

Long-term exposure limit (8-hour TWA): WEL 100 ppm 441 mg/m³

Short-term exposure limit (15-minute): WEL 125 ppm 552 mg/m³

Sk

WEL = Workplace Exposure Limit

Sk = Can be absorbed through the skin.

8.2. Exposure controls

Appropriate engineering controls Avoid inhalation of vapours and spray/mists. Provide adequate ventilation.

Eye/face protection No specific eye protection required during normal use. Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible.

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.

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Hygiene measures	No specific hygiene procedures recommended but good personal hygiene practices should always be observed when working with chemical products.
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SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Appearance	Aerosol.
Colour	Colourless.
Odour	Hydrocarbons.
Odour threshold	Not determined.
pH	Not determined.
Melting point	Not determined.
Initial boiling point and range	Not determined.
Flash point	Not determined.
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	Not determined.
Bulk density	Not determined.
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.

9.2. Other information

Other information	No information required.
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SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity	There are no known reactivity hazards associated with this product.
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10.2. Chemical stability

Stability	Stable at normal ambient temperatures and when used as recommended.
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10.3. Possibility of hazardous reactions

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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 (CO₂). Carbon monoxide (CO). Acid smoke or fumes.

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.

ATE dermal (mg/kg) 5,500.0

Acute toxicity - inhalation

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

ATE inhalation (gases ppm) 90,018.0

ATE inhalation (vapours mg/l) 44.0

Skin corrosion/irritation

Animal data Skin Irrit. 2 - H315

Serious eye damage/irritation

Serious eye damage/irritation Eye Irrit. 2 - H319

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.

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

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Specific target organ toxicity - repeated exposure

STOT - repeated exposure STOT RE 2 - H373 May cause damage to organs through prolonged or repeated exposure.

Aspiration hazard

Aspiration hazard Asp. Tox. 1 - H304

acetone

Acute toxicity - oral

Acute toxicity oral (LD₅₀ mg/kg) 5,800.0

Species Rat

Notes (oral LD₅₀) REACH dossier information.

ATE oral (mg/kg) 5,800.0

Serious eye damage/irritation

Serious eye damage/irritation Eye Irrit. 2 - H319 Causes serious eye irritation.

Skin sensitisation

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

Germ cell mutagenicity

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

Carcinogenicity

Carcinogenicity NOEL 79 mg/, Mouse, Dermal, REACH dossier information.

Reproductive toxicity

Reproductive toxicity - development Maternal toxicity: - NOAEC: 2200 ppm, Inhalation, Rat REACH dossier information.

Specific target organ toxicity - single exposure

STOT - single exposure STOT SE 3 - H336 May cause drowsiness or dizziness.

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.

xylene

Acute toxicity - oral

Acute toxicity oral (LD₅₀ mg/kg) 5,251.0

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Species	Mouse
Notes (oral LD₅₀)	REACH dossier information.
ATE oral (mg/kg)	5,251.0
<u>Acute toxicity - dermal</u>	
Notes (dermal LD₅₀)	Converted acute toxicity point estimate (cATpE)
ATE dermal (mg/kg)	1,100.0
<u>Acute toxicity - inhalation</u>	
Notes (inhalation LC₅₀)	Converted acute toxicity point estimate (cATpE)
ATE inhalation (vapours mg/l)	11.0
<u>Skin corrosion/irritation</u>	
Animal data	Skin Irrit. 2 - H315 Causes skin irritation.
<u>Serious eye damage/irritation</u>	
Serious eye damage/irritation	Dose: 0.1 ml, 72 hours, Rabbit REACH dossier information. Moderately irritating.
<u>Germ cell mutagenicity</u>	
Genotoxicity - in vitro	Chromosome aberration: Negative. REACH dossier information.
Genotoxicity - in vivo	Chromosome aberration: Negative. REACH dossier information.
<u>Carcinogenicity</u>	
IARC carcinogenicity	IARC Group 3 Not classifiable as to its carcinogenicity to humans.
<u>Reproductive toxicity</u>	
Reproductive toxicity - fertility	Two-generation study - NOAEC ≥500 ppm, Inhalation, Rat P, F1 REACH dossier information.
Reproductive toxicity - development	Developmental toxicity: - NOAEC: ≥500 ppm, Inhalation, Rat REACH dossier information.
<u>Specific target organ toxicity - single exposure</u>	
STOT - single exposure	STOT SE 3 - H335 May cause respiratory irritation.
<u>Specific target organ toxicity - repeated exposure</u>	
STOT - repeated exposure	STOT RE 2 - H373 May cause damage to organs through prolonged or repeated exposure.
Target organs	Central nervous system Kidneys Liver
<u>Aspiration hazard</u>	
Aspiration hazard	Asp. Tox. 1 - H304 May be fatal if swallowed and enters airways.

4-hydroxy-4-methylpentan-2-one

<u>Acute toxicity - oral</u>	
Acute toxicity oral (LD₅₀ mg/kg)	3,002.0
Species	Rat

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Notes (oral LD₅₀)	REACH dossier information.
ATE oral (mg/kg)	3,002.0
<u>Skin corrosion/irritation</u>	
Animal data	Dose: 0.5 ml, 24 hours, Rabbit Erythema/eschar score: No erythema (0). Oedema score: No oedema (0). REACH dossier information.
<u>Serious eye damage/irritation</u>	
Serious eye damage/irritation	Dose: 0.1 ml, 1 hour, Rabbit REACH dossier information. Irritating.
<u>Skin sensitisation</u>	
Skin sensitisation	Guinea pig maximization test (GPMT) - Guinea pig: Not sensitising. REACH dossier information.
<u>Germ cell mutagenicity</u>	
Genotoxicity - in vitro	Gene mutation: Negative. REACH dossier information.
<u>Carcinogenicity</u>	
Carcinogenicity	NOAEC 1847 mg/m ³ , Inhalation, Rat REACH dossier information. Read across data.
<u>Reproductive toxicity</u>	
Reproductive toxicity - fertility	Fertility - NOAEL 300 mg/kg/day, Oral, Rat P REACH dossier information.
<u>Specific target organ toxicity - single exposure</u>	
STOT - single exposure	STOT SE 3 - H335 May cause respiratory irritation.
Target organs	Respiratory tract
<u>ethylbenzene</u>	
<u>Acute toxicity - oral</u>	
Acute toxicity oral (LD₅₀ mg/kg)	3,500.0
Species	Rat
ATE oral (mg/kg)	3,500.0
<u>Acute toxicity - dermal</u>	
Acute toxicity dermal (LD₅₀ mg/kg)	15,400.0
Species	Rabbit
ATE dermal (mg/kg)	15,400.0
<u>Acute toxicity - inhalation</u>	
Notes (inhalation LC₅₀)	Converted acute toxicity point estimate (cATpE) Acute Tox. 4 - H332 Harmful if inhaled.
ATE inhalation (gases ppm)	4,500.0

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ATE inhalation (vapours mg/l)	11.0
<u>Skin corrosion/irritation</u>	
Animal data	Dose: 0.01 ml, 24 hours, Rabbit Moderately irritating.
<u>Germ cell mutagenicity</u>	
Genotoxicity - in vitro	Chromosome aberration: Negative.
Genotoxicity - in vivo	Chromosome aberration: Negative.
<u>Carcinogenicity</u>	
Carcinogenicity	NOAEC 250 ppm, Oral, Rat
IARC carcinogenicity	IARC Group 2B Possibly carcinogenic to humans.
<u>Reproductive toxicity</u>	
Reproductive toxicity - fertility	Two-generation study - NOAEC 500 ppm, Inhalation, Rat P
Reproductive toxicity - development	Maternal toxicity: - NOAEC: 500 ppm, Inhalation, Rat

SECTION 12: Ecological Information

12.1. Toxicity

Toxicity	The product is not expected to be toxic to aquatic organisms. However, large or frequent spills may have hazardous effects on the environment.
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acetone

Acute toxicity - fish	LC ₅₀ , 96 hours: 8120 mg/l, Pimephales promelas (Fat-head Minnow) REACH dossier information.
Acute toxicity - aquatic invertebrates	LC ₅₀ , 48 hours: 8800 mg/l, Daphnia pulex REACH dossier information.
Acute toxicity - aquatic plants	NOEC, 8 days: 530 mg/l, Microcystis aeruginosa REACH dossier information.
Acute toxicity - microorganisms	EC ₁₂ , 30 minutes: 1000 mg/l, Activated sludge REACH dossier information.
Acute toxicity - terrestrial	LC ₅₀ , 48 hours: 100 - 1000 µg/cm ² , Eisenia Fetida (Earthworm) REACH dossier information.
Chronic toxicity - aquatic invertebrates	NOEC, 28 days: 2212 mg/l, Daphnia magna LOEC, 28 days: 2212 mg/l, Daphnia magna REACH dossier information.

Hydrocarbons, C3-4-rich, petroleum distillate

Acute toxicity - fish	LC ₅₀ , 96 hours: 49.47 mg/l, Algae REACH dossier information. QSAR
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xylene

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Acute toxicity - fish	LC ₅₀ , 96 hours: 2.6 mg/l, Onchorhynchus mykiss (Rainbow trout) REACH dossier information. Read across data.
Acute toxicity - aquatic invertebrates	IC ₅₀ , 24 hours: 1 mg/l, Daphnia magna REACH dossier information. Read across data.
Acute toxicity - aquatic plants	NOEC, 73 hours: 0.44 mg/l, Pseudokirchneriella subcapitata EC ₅₀ , 73 hours: 2.2 mg/l, Pseudokirchneriella subcapitata REACH dossier information. Read across data.
Acute toxicity - microorganisms	EC ₅₀ , 24 hours: 96 mg/l, Nitrosomonas REACH dossier information. Read across data.
Chronic toxicity - fish early life stage	NOEC, 56 days: > 1.3 mg/l, Onchorhynchus mykiss (Rainbow trout) REACH dossier information.
Chronic toxicity - aquatic invertebrates	NOEC, 7 days: 1.17 mg/l, Ceriodaphnia dubia REACH dossier information. Read across data.

4-hydroxy-4-methylpentan-2-one

Acute toxicity - fish	LC ₅₀ , 96 hours: > 100 mg/l, Oryzias latipes (Red killifish) REACH dossier information.
Acute toxicity - aquatic invertebrates	EC ₅₀ , 48 hours: > 1000 mg/l, Daphnia magna NOEC, 48 hours: 1000 mg/l, Daphnia magna REACH dossier information.
Acute toxicity - aquatic plants	EC ₅₀ , 72 hours: > 1000 mg/l, Pseudokirchneriella subcapitata NOEC, 72 hours: 1000 mg/l, Pseudokirchneriella subcapitata REACH dossier information.
Acute toxicity - microorganisms	EC ₅₀ , 3 hours: > 1000 mg/l, Activated sludge REACH dossier information.
Chronic toxicity - aquatic invertebrates	LC ₅₀ , 14 days: > 100 mg/l, Daphnia magna LC ₅₀ , 21 days: > 100 mg/l, Daphnia magna EC ₅₀ , 14 days: > 100 mg/l, Daphnia magna EC ₅₀ , 21 days: > 100 mg/l, Daphnia magna NOEC, 21 days: 100 mg/l, Daphnia magna REACH dossier information.

ethylbenzene

Acute toxicity - fish	LC ₅₀ , 96 hours: 4.2 mg/l, Onchorhynchus mykiss (Rainbow trout)
Acute toxicity - aquatic invertebrates	EC ₅₀ , 48 hours: 1.8 - 2.4 mg/l, Daphnia magna EC ₅₀ , 24 hours: 2.4 - 2.8 mg/l, Daphnia magna

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Acute toxicity - aquatic plants

EC₅₀, 24 hours: 8 mg/l, *Skeletonema costatum*
 EC₅₀, 48 hours: 7.5 mg/l, *Skeletonema costatum*
 EC₅₀, 72 hours: 4.9 mg/l, *Skeletonema costatum*
 EC₅₀, 96 hours: 7.7 mg/l, *Skeletonema costatum*
 NOEC, 96 hours: 4.5 mg/l, *Skeletonema costatum*

Acute toxicity - microorganisms

EC₅₀, 24 hours: 96 mg/l, *Nitrosomonas*

12.2. Persistence and degradability

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

acetone

Phototransformation

Water - DT₅₀ : ~ 10 days
 REACH dossier information.

Biodegradation

Water - Degradation (25.5 - 36.7%): 281 days
 Water - Degradation (90.9%): 28 days
 REACH dossier information.
 The substance is readily biodegradable.

Hydrocarbons, C3-4-rich, petroleum distillate

Phototransformation

Water - DT₅₀ : 1906 days
 REACH dossier information.
 Calculation method.

Biodegradation

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

xylene

Phototransformation

Water - DT₅₀ : 1.09 days
 REACH dossier information.
 Read across data.

Biodegradation

Water - ThOD (68%): 10 days
 Water - ThOD (87.8%): 28 days
 REACH dossier information.
 Read across data.
 The substance is readily biodegradable.

4-hydroxy-4-methylpentan-2-one

Biodegradation

Water - Degradation (98.51%): 28 days
 REACH dossier information.
 The substance is readily biodegradable.

ethylbenzene

Phototransformation

Water - Degradation (50%): 2.3 days

Biodegradation

Water - Degradation (70 - 80%): 28 days

12.3. Bioaccumulative potential

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Bioaccumulative potential No data available on bioaccumulation.

Partition coefficient Not determined.

acetone

Partition coefficient log Pow: -0.24 REACH dossier information.

Hydrocarbons, C3-4-rich, petroleum distillate

Partition coefficient log Pow: 2.3058 REACH dossier information. QSAR

xylene

Bioaccumulative potential BCF: 5.5 - 12.2, Onchorhynchus mykiss (Rainbow trout) REACH dossier information.

Partition coefficient log Pow: 3.12 REACH dossier information. Read across data.

ethylbenzene

Bioaccumulative potential BCF: 1, Oncorhynchus kisutch (Coho salmon)

Partition coefficient log Pow: 3.6

12.4. Mobility in soil

Mobility The product is insoluble in water.

acetone

Henry's law constant 2.929 Pa m³/mol @ 25°C REACH dossier information.

Surface tension 26.2 mN/m @ 0°C 23.7 mN/m @ 20°C 21.2 mN/m @ 40°C 18.7 mN/m @ 60°C 16.2 mN/m @ 80°C REACH dossier information.

xylene

Adsorption/desorption coefficient Water - log K_{oc} : 2.73 Read across data. REACH dossier information.

Henry's law constant 623 - 665 Pa m³/mol @ 25°C QSAR REACH dossier information.

Surface tension 28.75 mN/m @ 25°C REACH dossier information. Read across data.

ethylbenzene

Henry's law constant 0.008 atm m³/mol @ 25°C

Surface tension 71.2 mN/m @ 23°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.

12.6. Other adverse effects

Other adverse effects Not determined.

SECTION 13: Disposal considerations

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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.

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

Not applicable.

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant

No.

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

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Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not applicable.

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. Council Directive of 20 May 1975 on the approximation of the laws of the Member States relating to aerosol dispensers (75/324/EEC) (as amended).
Explosives precursors	Regulation (EU) No 98/2013 of the European Parliament and of the Council of 15 January 2013 on the marketing and use of explosives precursors: Contains a substance or substances listed in Annex II: acetone 25 - <50%

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	Aerosol 1 - H222, H229: Expert judgement. Skin Irrit. 2 - H315, Eye Irrit. 2 - H319, STOT SE 3 - H336, Asp. Tox. 1 - H304, STOT RE 2 - H373: Calculation method.
Revision comments	Section 15: Regulatory information // 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture.
Revision date	03/03/2016
Revision	10
Supersedes date	26/01/2016
SDS number	414

STP® Carb Spray Cleaner Professional

Hazard statements in full

H220 Extremely flammable gas.
H222 Extremely flammable aerosol.
H225 Highly flammable liquid and vapour.
H226 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.
H312 Harmful in contact with skin.
H315 Causes skin irritation.
H319 Causes serious eye irritation.
H332 Harmful if inhaled.
H335 May cause respiratory irritation.
H336 May cause drowsiness or dizziness.
H373 May cause damage to organs through prolonged or repeated exposure.
H373 May cause damage to organs (Hearing organs) through prolonged or repeated exposure.
H373 May cause damage to organs (Central nervous system, Kidneys, Liver) through prolonged or repeated exposure.

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