



## 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 G62310

##### 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 Force Products Ltd  
Stock House  
Seymour Road  
Nuneaton  
Warwickshire  
CV11 4LB  
UK  
Tel: +44 2476 322130  
Fax: +44 2476 322151  
sales@forceproducts.co.uk

##### 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
<b>Classification</b> 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			

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

<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.

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**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.

## **SECTION 5: Firefighting measures**

### **5.1. Extinguishing media**

**Suitable extinguishing media** Extinguish with the following media: Dry chemicals, sand, dolomite etc. Carbon dioxide (CO<sub>2</sub>). 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.

### **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.

### **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** 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.

### **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**

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### 7.1. Precautions for safe handling

<b>Usage precautions</b>	Read and follow manufacturer's recommendations. 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. 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.
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### 7.3. Specific end use(s)

<b>Specific end use(s)</b>	The identified uses for this product are detailed in Section 1.2.
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## 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/m<sup>3</sup>

Short-term exposure limit (15-minute): WEL 1500 ppm 3620 mg/m<sup>3</sup>

##### 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>

##### xylene

Long-term exposure limit (8-hour TWA): WEL 50 ppm 220 mg/m<sup>3</sup>

Short-term exposure limit (15-minute): WEL 100 ppm 441 mg/m<sup>3</sup>

Sk

##### 4-hydroxy-4-methylpentan-2-one

Long-term exposure limit (8-hour TWA): WEL 50 ppm 241 mg/m<sup>3</sup>

Short-term exposure limit (15-minute): WEL 75 ppm 362 mg/m<sup>3</sup>

##### ethylbenzene

Long-term exposure limit (8-hour TWA): WEL 100 ppm 441 mg/m<sup>3</sup>

Short-term exposure limit (15-minute): WEL 125 ppm 552 mg/m<sup>3</sup>

Sk

WEL = Workplace Exposure Limit  
Sk = Can be absorbed through the skin.

### 8.2. Exposure controls

<b>Appropriate engineering controls</b>	Avoid inhalation of vapours and spray/mists. Provide adequate ventilation.
<b>Eye/face protection</b>	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.
<b>Hand protection</b>	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.
<b>Hygiene measures</b>	No specific hygiene procedures recommended but good personal hygiene practices should always be observed when working with chemical products.

## SECTION 9: Physical and Chemical Properties

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

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<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>	Not determined.
<b>Vapour density</b>	Not determined.
<b>Relative density</b>	Not determined.
<b>Bulk density</b>	Not determined.
<b>Partition coefficient</b>	Not determined.
<b>Auto-ignition temperature</b>	Not determined.
<b>Decomposition Temperature</b>	Not determined.
<b>Viscosity</b>	Not determined.
<b>Explosive properties</b>	Not considered to be explosive.
<b>Oxidising properties</b>	The mixture itself has not been tested but none of the ingredient substances meet the criteria for classification as oxidising.

### 9.2. Other information

<b>Other information</b>	No information required.
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## SECTION 10: Stability and reactivity

### 10.1. Reactivity

<b>Reactivity</b>	There are no known reactivity hazards associated with this product.
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### 10.2. Chemical stability

<b>Stability</b>	Stable at normal ambient temperatures and when used as recommended.
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### 10.3. Possibility of hazardous reactions

<b>Possibility of hazardous reactions</b>	Will not polymerise.
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### 10.4. Conditions to avoid

<b>Conditions to avoid</b>	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.
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### 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). Acrid 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.

**ATE dermal (mg/kg)** 5,500.0

#### Acute toxicity - inhalation

**Notes (inhalation LC<sub>50</sub>)** 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

#### 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

#### Toxicological information on ingredients.

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### acetone

#### Acute toxicity - oral

Acute toxicity oral (LD<sub>50</sub> mg/kg) 5,800.0

Species Rat

Notes (oral LD<sub>50</sub>) 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 (LD<sub>50</sub> mg/kg) 5,251.0

Species Mouse

Notes (oral LD<sub>50</sub>) REACH dossier information.

ATE oral (mg/kg) 5,251.0

#### Acute toxicity - dermal



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<b>Notes (dermal LD<sub>50</sub>)</b>	Converted acute toxicity point estimate (cATpE)
<b>ATE dermal (mg/kg)</b>	1,100.0
<b><u>Acute toxicity - inhalation</u></b>	
<b>Notes (inhalation LC<sub>50</sub>)</b>	Converted acute toxicity point estimate (cATpE)
<b>ATE inhalation (vapours mg/l)</b>	11.0
<b><u>Skin corrosion/irritation</u></b>	
<b>Animal data</b>	Skin Irrit. 2 - H315 Causes skin irritation.
<b><u>Serious eye damage/irritation</u></b>	
<b>Serious eye damage/irritation</b>	Dose: 0.1 ml, 72 hours, Rabbit REACH dossier information. Moderately irritating.
<b><u>Germ cell mutagenicity</u></b>	
<b>Genotoxicity - in vitro</b>	Chromosome aberration: Negative. REACH dossier information.
<b>Genotoxicity - in vivo</b>	Chromosome aberration: Negative. REACH dossier information.
<b><u>Carcinogenicity</u></b>	
<b>IARC carcinogenicity</b>	IARC Group 3 Not classifiable as to its carcinogenicity to humans.
<b><u>Reproductive toxicity</u></b>	
<b>Reproductive toxicity - fertility</b>	Two-generation study - NOAEC ≥500 ppm, Inhalation, Rat P, F1 REACH dossier information.
<b>Reproductive toxicity - development</b>	Developmental toxicity: - NOAEC: ≥500 ppm, Inhalation, Rat REACH dossier information.
<b><u>Specific target organ toxicity - single exposure</u></b>	
<b>STOT - single exposure</b>	STOT SE 3 - H335 May cause respiratory irritation.
<b><u>Specific target organ toxicity - repeated exposure</u></b>	
<b>STOT - repeated exposure</b>	STOT RE 2 - H373 May cause damage to organs through prolonged or repeated exposure.
<b>Target organs</b>	Central nervous system Kidneys Liver
<b><u>Aspiration hazard</u></b>	
<b>Aspiration hazard</b>	Asp. Tox. 1 - H304 May be fatal if swallowed and enters airways.
<b><u>4-hydroxy-4-methylpentan-2-one</u></b>	
<b><u>Acute toxicity - oral</u></b>	
<b>Acute toxicity oral (LD<sub>50</sub> mg/kg)</b>	3,002.0
<b>Species</b>	Rat
<b>Notes (oral LD<sub>50</sub>)</b>	REACH dossier information.
<b>ATE oral (mg/kg)</b>	3,002.0
<b><u>Skin corrosion/irritation</u></b>	

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**Animal data** Dose: 0.5 ml, 24 hours, Rabbit Erythema/eschar score: No erythema (0). Oedema score: No oedema (0). REACH dossier information.

### Serious eye damage/irritation

**Serious eye damage/irritation** Dose: 0.1 ml, 1 hour, Rabbit REACH dossier information. Irritating.

### 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** NOAEC 1847 mg/m<sup>3</sup>, Inhalation, Rat REACH dossier information. Read across data.

### Reproductive toxicity

**Reproductive toxicity - fertility** Fertility - NOAEL 300 mg/kg/day, Oral, Rat P REACH dossier information.

### Specific target organ toxicity - single exposure

**STOT - single exposure** STOT SE 3 - H335 May cause respiratory irritation.

**Target organs** Respiratory tract

### ethylbenzene

#### Acute toxicity - oral

**Acute toxicity oral (LD<sub>50</sub> mg/kg)** 3,500.0

**Species** Rat

**ATE oral (mg/kg)** 3,500.0

#### Acute toxicity - dermal

**Acute toxicity dermal (LD<sub>50</sub> mg/kg)** 15,400.0

**Species** Rabbit

**ATE dermal (mg/kg)** 15,400.0

#### Acute toxicity - inhalation

**Notes (inhalation LC<sub>50</sub>)** Converted acute toxicity point estimate (cATpE) Acute Tox. 4 - H332 Harmful if inhaled.

**ATE inhalation (gases ppm)** 4,500.0

**ATE inhalation (vapours mg/l)** 11.0

### Skin corrosion/irritation

**Animal data** Dose: 0.01 ml, 24 hours, Rabbit Moderately irritating.

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### Germ cell mutagenicity

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

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

### Carcinogenicity

**Carcinogenicity** NOAEC 250 ppm, Oral, Rat

**IARC carcinogenicity** IARC Group 2B Possibly carcinogenic to humans.

### Reproductive toxicity

**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.

### Ecological information on ingredients.

#### acetone

**Acute toxicity - fish** LC<sub>50</sub>, 96 hours: 8120 mg/l, Pimephales promelas (Fat-head Minnow)  
REACH dossier information.

**Acute toxicity - aquatic invertebrates** LC<sub>50</sub>, 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<sub>12</sub>, 30 minutes: 1000 mg/l, Activated sludge  
REACH dossier information.

**Acute toxicity - terrestrial** LC<sub>50</sub>, 48 hours: 100 - 1000 µg/cm<sup>2</sup>, 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<sub>50</sub>, 96 hours: 49.47 mg/l, Fish  
REACH dossier information.  
QSAR

#### xylene

**Acute toxicity - fish** LC<sub>50</sub>, 96 hours: 2.6 mg/l, Onchorhynchus mykiss (Rainbow trout)  
REACH dossier information.  
Read across data.

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

### 4-hydroxy-4-methylpentan-2-one

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

### ethylbenzene

<b>Acute toxicity - fish</b>	LC <sub>50</sub> , 96 hours: 4.2 mg/l, Onchorhynchus mykiss (Rainbow trout)
<b>Acute toxicity - aquatic invertebrates</b>	EC <sub>50</sub> , 48 hours: 1.8 - 2.4 mg/l, Daphnia magna EC <sub>50</sub> , 24 hours: 2.4 - 2.8 mg/l, Daphnia magna
<b>Acute toxicity - aquatic plants</b>	EC <sub>50</sub> , 24 hours: 8 mg/l, Skeletonema costatum EC <sub>50</sub> , 48 hours: 7.5 mg/l, Skeletonema costatum EC <sub>50</sub> , 72 hours: 4.9 mg/l, Skeletonema costatum EC <sub>50</sub> , 96 hours: 7.7 mg/l, Skeletonema costatum NOEC, 96 hours: 4.5 mg/l, Skeletonema costatum
<b>Acute toxicity - microorganisms</b>	EC <sub>50</sub> , 24 hours: 96 mg/l, Nitrosomonas

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### 12.2. Persistence and degradability

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

#### Ecological information on ingredients.

##### acetone

<b>Phototransformation</b>	Water - DT <sub>50</sub> : ~ 10 days REACH dossier information.
<b>Biodegradation</b>	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

<b>Phototransformation</b>	Water - DT <sub>50</sub> : 1906 days REACH dossier information. Calculation method.
<b>Biodegradation</b>	Water - Degradation (100%): 385.5 hours REACH dossier information. The substance is readily biodegradable.

##### xylene

<b>Phototransformation</b>	Water - DT <sub>50</sub> : 1.09 days REACH dossier information. Read across data.
<b>Biodegradation</b>	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

<b>Biodegradation</b>	Water - Degradation (98.51%): 28 days REACH dossier information. The substance is readily biodegradable.
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##### ethylbenzene

<b>Phototransformation</b>	Water - Degradation (50%): 2.3 days
<b>Biodegradation</b>	Water - Degradation (70 - 80%): 28 days

### 12.3. Bioaccumulative potential

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

**Partition coefficient** Not determined.

#### Ecological information on ingredients.

##### acetone

## STP® Carb Spray Cleaner Professional

**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.

## Ecological information on ingredients.

### acetone

**Henry's law constant** 2.929 Pa m<sup>3</sup>/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 Koc : 2.73 Read across data. REACH dossier information.

**Henry's law constant** 623 - 665 Pa m<sup>3</sup>/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 m<sup>3</sup>/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

### 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.

## STP® Carb Spray Cleaner Professional

### 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

Transport in bulk according to  
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

## STP® Carb Spray Cleaner Professional

<b>National regulations</b>	EH40/2005 Workplace exposure limits.
<b>EU legislation</b>	<p>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).</p> <p>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).</p> <p>COMMISSION REGULATION (EU) 2015/830 of 28 May 2015.</p> <p>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).</p>
<b>Explosives precursors</b>	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

<b>Classification procedures according to Regulation (EC) 1272/2008</b>	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.
<b>Revision comments</b>	Section 15: Regulatory information // 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture.
<b>Revision date</b>	03/03/2016
<b>Revision</b>	10
<b>Supersedes date</b>	26/01/2016
<b>SDS number</b>	414
<b>Hazard statements in full</b>	<p>H220 Extremely flammable gas.</p> <p>H222 Extremely flammable aerosol.</p> <p>H225 Highly flammable liquid and vapour.</p> <p>H226 Flammable liquid and vapour.</p> <p>H229 Pressurised container: may burst if heated</p> <p>H280 Contains gas under pressure; may explode if heated.</p> <p>H304 May be fatal if swallowed and enters airways.</p> <p>H312 Harmful in contact with skin.</p> <p>H315 Causes skin irritation.</p> <p>H319 Causes serious eye irritation.</p> <p>H332 Harmful if inhaled.</p> <p>H335 May cause respiratory irritation.</p> <p>H336 May cause drowsiness or dizziness.</p> <p>H373 May cause damage to organs (Hearing organs) through prolonged or repeated exposure.</p> <p>H373 May cause damage to organs (Central nervous system, Kidneys, Liver) through prolonged or repeated exposure.</p> <p>H373 May cause damage to organs through prolonged or repeated exposure.</p>



## STP® Carb Spray Cleaner Professional

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