



SAFETY DATA SHEET
STP® Brake Parts Cleaner

According to Regulation (EC) No 1907/2006, Annex II, as amended by Regulation (EU) No 453/2010

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

1.1. Product identifier

Product name STP® Brake Parts Cleaner
Product number 865513

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 Quest Consumables Ltd
Stock House
Seymour Road
Nuneaton
Warwickshire
CV11 4LB
UK
Tel: +44 2476 322126
Fax: +44 2476 322117
Email: sales@questconsumables.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

Physical hazards

Aerosol 1 - H222, H229

Health hazards

Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 STOT SE 3 - H336 Asp. Tox. 1 - H304

Environmental hazards

Aquatic Chronic 2 - H411

Classification (67/548/EEC or 1999/45/EC)

F+; R12. Xn; R65. Xi; R36/37/38. N; R51/53. R67

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

Pictogram

STP® Brake Parts Cleaner



Signal word

Danger

Hazard statements

- H222 Extremely flammable aerosol.
- H229 Pressurised container: may burst if heated
- H315 Causes skin irritation.
- H319 Causes serious eye irritation.
- H336 May cause drowsiness or dizziness.
- H411 Toxic to aquatic life with long lasting effects.

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.
- P261 Avoid breathing vapour/spray.
- P271 Use only outdoors or in a well-ventilated area.
- P280 Wear protective clothing, gloves, eye and face protection.
- 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

Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane, propan-2-ol, Acetone

Supplementary precautionary statements

- P264 Wash contaminated skin thoroughly after handling.
- P273 Avoid release to the environment.
- P302+P352 IF ON SKIN: Wash with plenty of water.
- P332+P313 If skin irritation occurs: Get medical advice/attention.
- P362+P364 Take off contaminated clothing and wash it before reuse.
- P337+P313 If eye irritation persists: Get medical advice/attention.
- P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
- P312 Call a POISON CENTER/doctor if you feel unwell.
- P391 Collect spillage.
- 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

STP® Brake Parts Cleaner

Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane		25 - <50%
CAS number: — EC number: 921-024-6 REACH registration number: 01-2119475514-35-XXXX		
Classification	Classification (67/548/EEC or 1999/45/EC)	
Flam. Liq. 2 - H225	F; R11. Xn; R65. Xi; R38. N; R51/53. R67	
Skin Irrit. 2 - H315		
STOT SE 3 - H336		
Asp. Tox. 1 - H304		
Aquatic Chronic 2 - H411		
acetone		10 - <25%
CAS number: 67-64-1 EC number: 200-662-2		
Classification	Classification (67/548/EEC or 1999/45/EC)	
Flam. Liq. 2 - H225	F; R11. Xi; R36. R66, R67	
Eye Irrit. 2 - H319		
STOT SE 3 - H336		
propan-2-ol		10 - <25%
CAS number: 67-63-0 EC number: 200-661-7 REACH registration number: 01-2119457558-25-XXXX		
Classification	Classification (67/548/EEC or 1999/45/EC)	
Flam. Liq. 2 - H225	F; R11. Xi; R36. R67	
Eye Irrit. 2 - H319		
STOT SE 3 - H336		
Butane		10 - <25%
CAS number: 106-97-8 EC number: 203-448-7		
Classification	Classification (67/548/EEC or 1999/45/EC)	
Flam. Gas 1 - H220	F+; R12	
Press. Gas, Liquefied - H280		

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.

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

STP® Brake Parts Cleaner

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 (CO₂). 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

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.

STP® Brake Parts Cleaner

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

propan-2-ol

Long-term exposure limit (8-hour TWA): WEL 400 ppm 999 mg/m³

Short-term exposure limit (15-minute): WEL 500 ppm 1250 mg/m³

Butane

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

WEL = Workplace Exposure Limit

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.

Hygiene measures

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

Appearance

Aerosol.

Colour

Colourless.

Odour

Hydrocarbons.

Odour threshold

Not determined.

pH

Not determined.

STP® Brake Parts Cleaner

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

Lower flammable/explosive limit: 0.8 % Upper flammable/explosive limit: 9.0 %

Vapour pressure

No information available.

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**Volatile organic compound**

95.80 %

SECTION 10: Stability and reactivity

10.1. 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

Will not polymerise.

10.4. Conditions to avoid

STP® Brake Parts Cleaner

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

Does not decompose when used and stored as recommended. Decomposition at ambient temperatures may generate the following substances: Carbon dioxide (CO₂). Carbon monoxide (CO). Acrid smoke or fumes.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity - oral

Based on available data the classification criteria are not met.

Acute toxicity - dermal

Based on available data the classification criteria are not met.

Acute toxicity - inhalation

Based on available data the classification criteria are not met.

Skin corrosion/irritation

Animal data

Skin Irrit. 2 - H315

Serious eye damage/irritation

Eye Irrit. 2 - H319

Respiratory sensitisation

Based on available data the classification criteria are not met.

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

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

Based on available data the classification criteria are not met.

Aspiration hazard

Asp. Tox. 1 - H304

Toxicological information on ingredients.

STP® Brake Parts Cleaner**Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane****Acute toxicity - oral****Acute toxicity oral (LD₅₀ mg/kg)**

5,840.0

Species

Rat

Read across data. REACH dossier information.

ATE oral (mg/kg)

5,840.0

Acute toxicity - dermal**Acute toxicity dermal (LD₅₀ mg/kg)**

2800.0

Species

Rat

REACH dossier information.

ATE dermal (mg/kg)

2800.0

Acute toxicity - inhalation**Acute toxicity inhalation (LC₅₀ vapours mg/l)**

25.2

Species

Rat

Read across data. REACH dossier information.

ATE inhalation (vapours mg/l)

25.2

Skin corrosion/irritation**Animal data**

Dose: 0.5 ml, 4 hours, Rabbit Primary dermal irritation index: 1.42 REACH dossier information. Skin Irrit. 2 - H315 Causes skin irritation.

Serious eye damage/irritation

Dose: 0.2 ml, 0.5 hours, Rabbit Read across data. REACH dossier information. Not irritating.

Skin sensitisation

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

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/m³, Inhalation, Rat F1 Read across data. REACH dossier information.**Reproductive toxicity - development**

Developmental toxicity: - NOAEC: 1200 ppm, Inhalation, Rat Read across data. REACH dossier information.

Specific target organ toxicity - single exposure**STOT - single exposure**

STOT SE 3 - H336 May cause drowsiness or dizziness.

Aspiration hazard

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

STP® Brake Parts Cleaner

acetone

Acute toxicity - oral

Acute toxicity oral (LD₅₀ mg/kg)

5,800.0

Species

Rat

REACH dossier information.

ATE oral (mg/kg)

5,800.0

Serious eye damage/irritation

Eye Irrit. 2 - H319 Causes serious eye irritation.

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

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.

STP® Brake Parts Cleaner**propan-2-ol****Acute toxicity - oral****Acute toxicity oral (LD₅₀ mg/kg)**

5,840.0

Species

Rat

REACH dossier information.

ATE oral (mg/kg)

5,840.0

Skin corrosion/irritation**Animal data**

Primary dermal irritation index: 0/4 Erythema/eschar score: Oedema score: REACH dossier information.

Serious eye damage/irritation

Dose: 0.1 ml, 1 second, Rabbit REACH dossier information. Irritating.

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.

Carcinogenicity

NOEL 5000 ppm, Inhalation, Rat REACH dossier information.

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**

NOAEC 5000 ppm, Inhalation, Rat REACH dossier information.

Butane**Acute toxicity - inhalation**

REACH dossier information. Based on available data the classification criteria are not met.

Germ cell mutagenicity**Genotoxicity - in vitro**

Chromosome aberration: Negative. REACH dossier information.

Genotoxicity - in vivo

Chromosome aberration: Negative. REACH dossier information. Read across data.

Specific target organ toxicity - repeated exposure**STOT - repeated exposure**

NOAEC 9000 ppm, Inhalation, Rat REACH dossier information.

SECTION 12: Ecological Information**12.1. Toxicity**

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

STP® Brake Parts Cleaner

Ecological information on ingredients.

Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane

Acute toxicity - fish

LL₅₀, 72 hours: 15.8 mg/l, Onchorhynchus mykiss (Rainbow trout) LL₅₀, 96 hours: 11.4 mg/l, Onchorhynchus mykiss (Rainbow trout) REACH dossier information.

Acute toxicity - aquatic invertebrates

EL₅₀, 24 hours: 12 mg/l, Daphnia magna EL₅₀, 48 hours: 3 mg/l, Daphnia magna REACH dossier information.

Acute toxicity - aquatic plants

EL₅₀, 72 hours: 30 - 100 mg/l, Pseudokirchneriella subcapitata REACH dossier information.

Acute toxicity - microorganisms

EL₅₀, 48 hours: 35.57 mg/l, Tetrahymena pyriformis QSAR REACH dossier information.

Chronic toxicity - fish early life stage

NOELR, 28 days: 2.045 mg/l, Onchorhynchus mykiss (Rainbow trout) QSAR REACH dossier information.

Chronic toxicity - aquatic invertebrates

NOEC, 21 days: 0.17 mg/l, Daphnia magna Read across data. REACH dossier information.

acetone

Acute toxicity - fish

LC₅₀, 96 hours: 8120 mg/l, Pimephales promelas (Fat-head Minnow) REACH dossier information.

Acute toxicity - aquatic invertebrates

LC₅₀, 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

EC₁₂, 30 minutes: 1000 mg/l, Activated sludge REACH dossier information.

Acute toxicity - terrestrial

LC₅₀, 48 hours: 100 - 1000 µg/cm², 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.

propan-2-ol

Acute toxicity - fish

LC₅₀, 96 hours: 10000 mg/l, Pimephales promelas (Fat-head Minnow) REACH dossier information.

Acute toxicity - aquatic invertebrates

LC₅₀, 24 hours: > 10000 mg/l, Daphnia magna REACH dossier information.

Butane

Acute toxicity - fish

LC₅₀, 96 hours: 27.98 mg/l, Fish QSAR REACH dossier information.

Acute toxicity - aquatic invertebrates

LC₅₀, 48 hours: 14.22 mg/l, Daphnia magna QSAR REACH dossier information.

Acute toxicity - aquatic plants

EC₅₀, 96 hours: 7.71 mg/l, Freshwater algae QSAR REACH dossier information.

12.2. Persistence and degradability

Persistence and degradability

There are no data on the degradability of this product.

STP® Brake Parts Cleaner

Ecological information on ingredients.

Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane

Biodegradation

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

acetone

Phototransformation

Air - DT₅₀ : ~ 10 days REACH dossier information.

Biodegradation

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

propan-2-ol

Biodegradation

Water - Degradation (53%): 5 days REACH dossier information.

Biological oxygen demand

1.19 - 1.72 g O₂/g substance REACH dossier information.

Chemical oxygen demand

2.23 g O₂/g substance REACH dossier information.

Butane

Phototransformation

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

Biodegradation

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

12.3. Bioaccumulative potential

No data available on bioaccumulation.

Partition coefficient

Not determined.

Ecological information on ingredients.

acetone

Partition coefficient

log Pow: -0.24 REACH dossier information.

Butane

Partition coefficient

log Pow: 1.09 REACH dossier information.

12.4. Mobility in soil

Mobility

The product is insoluble in water.

STP® Brake Parts Cleaner

Ecological information on ingredients.

Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane

Surface tension

20.9 mN/m @ 25°C REACH dossier information.

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.

12.5. Results of PBT and vPvB assessment

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

12.6. 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.

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



STP® Brake Parts Cleaner**14.4. Packing group**

Not applicable.

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant



Yes.

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 MARPOL73/78 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. The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (SI 2009 No. 716).

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). Council Directive of 20 May 1975 on the approximation of the laws of the Member States relating to aerosol dispensers (75/324/EEC).

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, Aquatic Chronic 2 - H411: Calculation method.

Revision comments

Classification according to CLP Annex I.

Revision date	15/12/2014
Revision	8
Supersedes date	01/04/2013
SDS number	442
Risk phrases in full	

STP® Brake Parts Cleaner

- R11 Highly flammable.
- R12 Extremely flammable.
- R36 Irritating to eyes.
- R36/37/38 Irritating to eyes, respiratory system and skin.
- R38 Irritating to skin.
- R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
- R65 Harmful: may cause lung damage if swallowed.
- R66 Repeated exposure may cause skin dryness or cracking.
- R67 Vapours may cause drowsiness and dizziness.

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.
- H319 Causes serious eye irritation.
- H336 May cause drowsiness or dizziness.
- H411 Toxic to aquatic life with long lasting effects.

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