



SAFETY DATA SHEET

Brake Cleaner Spray

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

1.1. Product identifier

Product name	Brake Cleaner Spray
Product number	CBS-688
Synonyms; trade names	PRO25A
REACH registration notes	This is a MIXTURE; no registration information contained in this document. Holts are classed as Downstream User.

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

Identified uses	Car maintenance product. Cleaning agent.
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1.3. Details of the supplier of the safety data sheet

Supplier	COBRA CLEAN B.V. Tweelingenlaan 4 7323 AM Apeldoorn INFO@COBRACLEAN.NL WWW.COBRACLEAN.NL
Contact person	H. de Cock, +31 6 20951195

1.4. Emergency telephone number

Emergency telephone	H. de Cock, +31 6 20951195
National emergency telephone number	http://echa.europa.eu/en/web/guest/support/helpdesks/national-helpdesks/list-of-national-helpdesks

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 STOT SE 3 - H336
Environmental hazards	Aquatic Chronic 2 - H411

Classification (67/548/EEC or 1999/45/EC) **Xi;R38. F+;R12. N;R51/53. R67.**

2.2. Label elements

Brake Cleaner Spray

Pictogram



Signal word

Danger

Hazard statements

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

Precautionary statements

P102 Keep out of reach of children.
P101 If medical advice is needed, have product container or label at hand.
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.
P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.
P501 Dispose of contents/container in accordance with local regulations.

Contains

Naphtha (petroleum), hydrotreated light

Detergent labelling

≥ 30% aliphatic hydrocarbons

Supplementary precautionary statements

P264 Wash contaminated skin thoroughly after handling.
P271 Use only outdoors or in a well-ventilated area.
P273 Avoid release to the environment.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P302+P352 IF ON SKIN: Wash with plenty of water.
P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P312 Call a POISON CENTER/doctor if you feel unwell.
P321 Specific treatment (see medical advice on this label).
P332+P313 If skin irritation occurs: Get medical advice/attention.
P362+P364 Take off contaminated clothing and wash it before reuse.
P391 Collect spillage.
P403+P233 Store in a well-ventilated place. Keep container tightly closed.
P405 Store locked up.

2.3. Other hazards

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Naphtha (petroleum), hydrotreated light	60-100%
CAS number: 64742-49-0	EC number: 265-151-9
Classification Flam. Liq. 2 - H225 Skin Irrit. 2 - H315 Asp. Tox. 1 - H304 STOT SE 3 - H336 Aquatic Chronic 2 - H411	Classification (67/548/EEC or 1999/45/EC) Xn;R65. Xi;R38. F;R11. N;R51/53. R67.

Brake Cleaner Spray

BUTANE	5-10%
CAS number: 106-97-8	EC number: 203-448-7
Classification Flam. Gas 1 - H220 Press. Gas	Classification (67/548/EEC or 1999/45/EC) F+;R12
ISOBUTANE	1-5%
CAS number: 75-28-5	EC number: 200-857-2
Classification Flam. Gas 1 - H220 Press. Gas	Classification (67/548/EEC or 1999/45/EC) F+;R12

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 at once. Keep affected person warm and at rest. Get medical attention immediately.
Ingestion	Rinse mouth thoroughly with water. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Do not induce vomiting. Never give anything by mouth to an unconscious person. Do not induce vomiting.
Skin contact	Remove affected person from source of contamination. Get medical attention if any discomfort continues.
Eye contact	Remove affected person from source of contamination. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes and get medical attention.

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

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

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media **Use fire-extinguishing media suitable for the surrounding fire.**

5.2. Special hazards arising from the substance or mixture

Specific hazards **Containers can burst violently or explode when heated, due to excessive pressure build-up.**

5.3. Advice for firefighters

Protective actions during firefighting **Move containers from fire area if it can be done without risk.**

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.2. Environmental precautions

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. Eliminate all sources of ignition. No smoking, sparks, flames or other sources of ignition near spillage. Provide adequate ventilation.**

Brake Cleaner Spray

6.4. Reference to other sections

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions **Keep away from heat, sparks and open flame. Avoid spilling. Avoid contact with skin and eyes. Provide adequate ventilation. Avoid inhalation of vapours. Use approved respirator if air contamination is above an acceptable level.**

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions **Protect containers from damage.**

Storage class **Flammable compressed gas storage.**

7.3. Specific end use(s)

SECTION 8: Exposure Controls/personal protection

8.1. Control parameters

Occupational exposure limits

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

ISOBUTANE

Long-term exposure limit (8-hour TWA): OES 800 ppm

Short-term exposure limit (15-minute): OES 800 ppm

WEL = Workplace Exposure Limit

NON HAZARDOUS INGREDIENTS

Ingredient comments

WEL = Workplace Exposure Limits

8.2. Exposure controls

Protective equipment



Eye/face protection

The following protection should be worn: Chemical splash goggles.

Hand protection

Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible. EN374 It is recommended that gloves are made of the following material: Rubber (natural, latex).

Other skin and body protection

Wear appropriate clothing to prevent any possibility of liquid contact and repeated or prolonged vapour contact.

Hygiene measures

Wash hands at the end of each work shift and before eating, smoking and using the toilet. Promptly remove any clothing that becomes contaminated. Use appropriate skin cream to prevent drying of skin. When using do not eat, drink or smoke. Do not smoke in work area.

Respiratory protection

No specific recommendations. Respiratory protection may be required if excessive airborne contamination occurs.

SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Appearance

Aerosol.

Brake Cleaner Spray

Odour	aromatic hydrocarbons
Initial boiling point and range	63° - 100°C @
Flash point	<1C°C
Relative density	0.672@°C
Auto-ignition temperature	200°C
Viscosity	0.44mm ² @40°C

9.2. Other information

Volatile organic compound **This product contains a maximum VOC content of 97 %.**

SECTION 10: Stability and reactivity

10.1. Reactivity

10.2. Chemical stability

10.3. Possibility of hazardous reactions

10.4. Conditions to avoid

Conditions to avoid **Avoid heat, flames and other sources of ignition. Avoid contact with acids and alkalis.**

10.5. Incompatible materials

10.6. Hazardous decomposition products

Hazardous decomposition products **Thermal decomposition or combustion products may include the following substances: Thermal decomposition or combustion products may include the following substances: Acrid smoke or fumes. Carbon dioxide (CO₂). Carbon monoxide (CO).**

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Inhalation	Vapours may cause headache, fatigue, dizziness and nausea. Extensive use of the product in areas with inadequate ventilation may result in the accumulation of hazardous vapour concentrations. May cause eye and respiratory system irritation. Symptoms following overexposure may include the following: Headache.
Ingestion	May cause chemical burns in mouth, oesophagus and stomach. Harmful: may cause lung damage if swallowed.
Skin contact	Irritating to skin. Prolonged or repeated exposure may cause severe irritation.
Eye contact	Vapour or spray in the eyes may cause irritation and smarting.
Route of entry	Inhalation Skin and/or eye contact

SECTION 12: Ecological Information

Ecotoxicity **Dangerous for the environment. May cause long-term adverse effects in the aquatic environment. The product contains a substance which is toxic to aquatic organisms and which may cause long-term adverse effects in the aquatic environment.**

12.1. Toxicity

12.2. Persistence and degradability

12.3. Bioaccumulative potential

12.4. Mobility in soil

12.5. Results of PBT and vPvB assessment

Brake Cleaner Spray

12.6. Other adverse effects

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal methods **Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority. Empty containers must not be punctured or incinerated because of the risk of an explosion. Avoid the spillage or runoff entering drains, sewers or watercourses. Toxic to aquatic organisms.**

Waste class **WGK : 3 (Germany)**

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 (CONTAINS Naphtha (petroleum), hydrotreated light)**

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

ADR/RID packing group **None**

IMDG packing group **None**

ADN packing group **None**

ICAO packing group **None**

14.5. Environmental hazards

Brake Cleaner Spray

Environmentally hazardous substance/marine pollutant



14.6. Special precautions for user

EmS **F-D, S-U**
 ADR transport category **2**
 Tunnel restriction code **(D)**

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

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 **The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (SI 2009 No. 716).**
The Aerosol Dispensers Regulations 2009 (SI 2009 No. 2824).

EU legislation **Dangerous Substances Directive 67/548/EEC.**
Dangerous Preparations Directive 1999/45/EC.
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).
Detergents Regulation EC 648/2004
Commission Directive 91/322/EEC of 29 May 1991 on establishing indicative limit values by implementing Council Directive 80/1107/EEC on the protection of workers from the risks related to exposure to chemical, physical and biological agents at work.
Aerosol Dispensers Directive 2008/47/EC (2008/47/EC)

Water hazard classification **WGK 3**

15.2. Chemical safety assessment

SECTION 16: Other information

Revision date **06/01/2016**

Revision **14**

Supersedes date **09/12/2014**

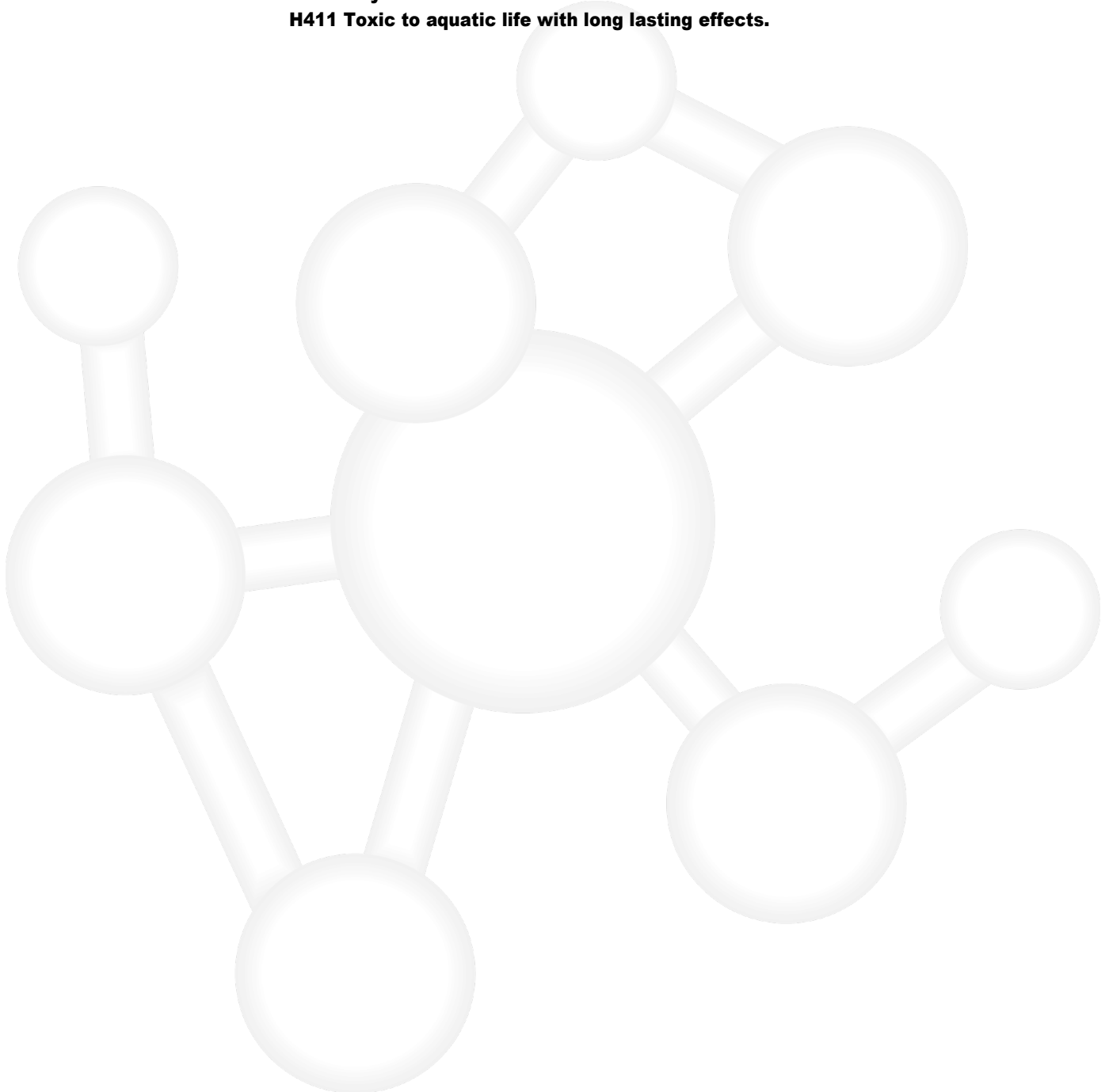
SDS number **12870**

Risk phrases in full **R11 Highly flammable.**
R12 Extremely flammable.
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.
R67 Vapours may cause drowsiness and dizziness.

Brake Cleaner Spray

Hazard statements in full

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



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