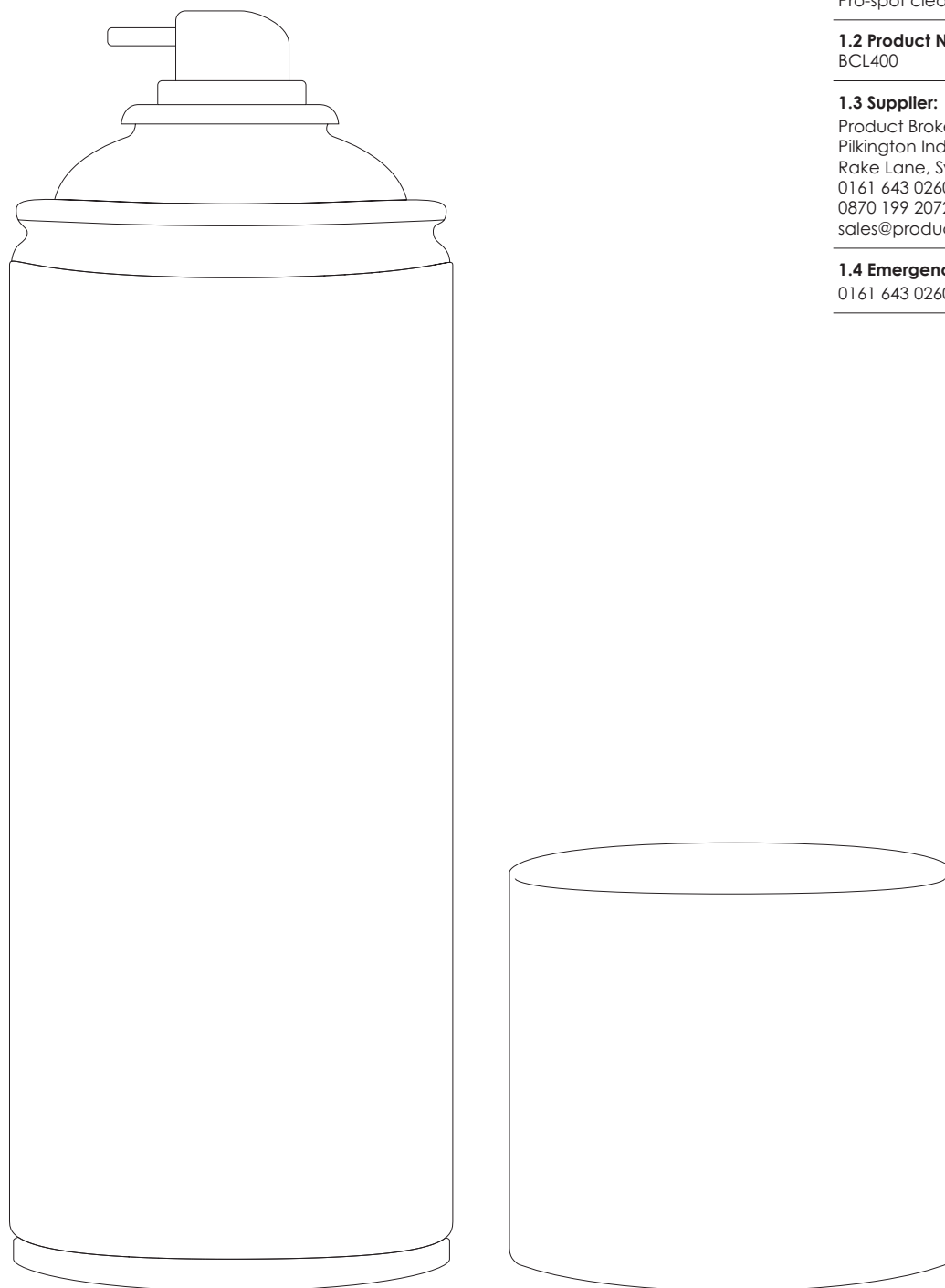


pro-spot cleaning fluid

43155

revision date: 24/02/2015



SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDETKING

1.1 Product:
Pro-spot cleaning fluid spray

1.2 Product No:
BCL400

1.3 Supplier:
Product Broker LTD,
Pilkington Industrial Estate,
Rake Lane, Swinton M27 8LP
0161 643 0260
0870 199 2072
sales@productbrokers.co.uk

1.4 Emergency Number:
0161 643 0260



morplan.com

0330 44 55 666

London 020 7636 1887 Bristol 0117 964 3883 Glasgow 0141 429 0537

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification Of The Substance Or Mixture:

Classification (EC 1272/2008)

Physical and Chemical Hazards:
Flammable Aerosol 1 - H222

Human Health:
Skin Irritant - H315; STOT SE 3 - H336

Environment:
Aquatic Chronic 2 - H411

Classification (1999/45/EEC)
Xi; R38. F+; R12. N; R51/53. R67.

The full text for all R-phrases and hazard statements and displayed in section 16

2.2 Label Elements:

Label in accordance with (EC) No. 1272/2008



Signal Word: Danger

Hazard Statements:

- H222: Extremely flammable aerosol
H315: Causes skin 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/sparks/open flames/hot surfaces - NO SMOKING
P271: Use only outdoors or in a well-ventilated area
P280: Wear protective gloves/protective clothing/eye protection/face protection
P261: Avoid breathing in the vapour/spray
P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing.
P337+313: If eye irritation persists: Get medical advice/attention
P501: Dispose of contents/container in accordance with local regulations

Supplementary Precautionary Statements:

- P211: Do not spray on an open flame or other ignition source
P251: Pressurized container: Do not pierce or burn, even after use

- P264: Wash contaminated skin thoroughly after handling
P321: Specific treatment (see medical advice)
P302+352: IF ON SKIN: Wash with plenty of soap and water
P304+340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing
P312: Call a POISON CENTER or doctor/physician if you feel unwell
P332+313: If skin irritation occurs: Get medical advice/attention
P403+233: Store in a well-ventilated place. Keep container tightly closed
P410+412: Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F

SECTION 3: COMPOSITION/ INFORMATION ON INGREDIENTS

3.1 Mixtures:

Butane 5-10%
CAS-No.: 106-97-8
EC No.: 203-448-7

Classification (EC 1272/2008)
Flam. Gas 1 - H220

Classification (67-548/EEC)
F+; R12

Isobutane 1-5%
CAS-No.: 75-28-5
EC No.: 200-857-2

Classification (EC 1272/2008)
Flam. Gas 1 - H220

Classification (67-548/EEC)
F+; R12

Naphtha (Petroleum) Hydrotreated Light 60-100%
CAS-No.: 64742-49-0
EC No.: 921-024-6
Reg No.: 01-2119475514-35-xxxx

Classification (EC 1272/2008)
Flam. Liq. 2 - H225
Skin Irrit. 2 - H315
STOT SE 3 - H336
Asp. Tox. 1 - H304
Aquatic Chronic 2 - H411

Classification (67-548/EEC)
Xn; R65
Xi; R38
F; R11
N; R51/53
R67

Propane 10-30%
CAS-No.: 74-98-6
EC No.: 200-827-9

Classification (EC 1272/2008)
Flam. Gas 1 - H220

Classification (67-548/EEC)
F+; R12

The full text for all R-phrases and hazard statements and displayed in section 16

SECTION 4: FIRST AID MEASURES

4.1 Descriptions Of First Aid Measures:

General:
Move the exposed person to fresh air at once. Get medical attention if any discomfort continues.

Inhalation:
Move the exposed person to fresh air at once. When breathing is difficult, properly trained personnel may assist affected person by administering oxygen. Keep the affected person warm and at rest. Get prompt medical attention.

Ingestion:
DO NOT INDUCE VOMITING!
Rinse mouth thoroughly with water, and give large amounts of milk or water to people not unconscious. Get medical attention if any discomfort continues.

Skin Contact:
Wash the skin immediately with soap and water. Get medical attention if any discomfort continues.

Eye Contact:
Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse at least 15 minutes. Get medical attention if any discomfort continues.

SECTION 5: FIRE FIGHTING MEASURES

5.1 Extinguishing Media:

Use powder.
Dry chemicals, sand, dolomite etc.
Water spray, fog or mist.

5.3 Special Hazards Arising From Substance Or Mixture:

Unusual Fire & Explosion Hazards:
Aerosol cans may explode in a fire

5.3 Advice For Firefighters:

Special Firefighting Procedures:
Containers close to fire should be removed or cooled with water. Use water to keep fire exposed containers cool and disperse vapours.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Wear necessary protective equipment. Extinguish all ignition sources. Avoid sparks, flames, heat and smoke. Ventilate. Let evaporate. Keep out of confined spaces because of explosion risk. If leakage cannot be stopped, evacuate area.

SECTION 7: HANDLING & STORAGE

7.1 Precautions For Safe Handling:

Keep away from heat/sparks/open flame. Avoid spilling, skin and eye contact. Ventilate well, avoid breathing vapours. Use approved respirator if air contamination is above accepted level.

7.2 Conditions For Safe Storage, Including Any Incompatibilities:

Aerosol cans must not be exposed to direct sunlight or temperatures above 50°C

SECTION 8: EXPOSURE CONTROLS/ PERSONAL PROTECTION

8.1 Control Parameters:

Name	STD	TWA - 8hrs	STEL 15min
Butane	WEL	600ppm 1450 mg/m3	750ppm 1810 mg/m3
Isobutane	WEL	600ppm	800ppm
Naphtha (Petroleum) Hydrotreated Light		1200 mg/m3	60 ppm 216 mg/m3
Propane		Asphyx.	Asphyx.

WEL = Workplace Exposure Limit

8.2 Exposure Controls:

Protective Equipment:



Engineering Measures:
Provide adequate general and local exhaust ventilation.

Respiratory Equipment:
No specific recommendation made, but respiratory protection must be used if the general level exceeds the recommended occupational exposure limit. Use chemical cartridge protection with appropriate cartridge.

Hand Protection:
Use protective gloves.

Eye Protection:
Use approved safety goggles/mask.

Other Protection:
Wear appropriate clothing to prevent possibility of repeated or prolonged liquid or vapour contact.

Hygiene Measures:
DO NOT SMOKE IN WORK AREA!
Wash hands at end of work shift, before eating, drinking, smoking, using the toilet. Remove clothing that becomes contaminated. When using do not eat, drink or smoke.

SECTION 9: PHYSICAL & CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties:

Appearance: Aerosol
Colour: Colourless/Odour
Odour: Characteristic
Solubility: Insoluble in water
Flam. Limit - Lower%: 0.8
Flam. Limit - Upper%: 9.0

SECTION 10: STABILITY & REACTIVITY

10.1: Chemical Stability:

Stable under normal temperature conditions

10.2: Conditions To Avoid:

Avoid heat, flames and other ignition sources. Avoid contact with strong oxidising agents. Strong alkalis and strong mineral acids.

10.3: Hazardous Decomposition Products:

Fire creates vapours/gases/fumes of carbon monoxide (CO) and carbon dioxide (CO₂)

10.1: Chemical Stability:

Stable under normal temperature conditions

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information On Toxicological Effects:

Inhalation:
May cause irritation to the inhalation system. Vapours may cause headache, fatigue, dizziness and nausea. Prolonged inhalation of high concentrations may damage respiratory system.

Ingestion:
May cause discomfort if swallowed. May cause stomach pain or vomiting. Gastrointestinal symptoms, including upset stomach.

Skin Contact:
Prolonged or repeated exposure may cause severe irritation. Acts as a defatting agent on skin. May cause cracking of skin and eczema. May cause allergic contact eczema. May cause sensitivitation by skin contact. Irritating to skin.

Eye Contact:
Irritating to eyes. May cause chemical eye burn.

Route Of Entry:
Inhalation. Skin and/or eye contact.

SECTION 12: ECOLOGICAL INFORMATION

12.1 Ecotoxicity:

Dangerous for the environment if discharged into watercourses.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1: Waste Treatment Methods:

Empty containers must not be burned because of explosion hazard. Dispose of waste and residues in accordance with local authorities.

SECTION 14: TRANSPORT INFORMATION

14.1 UN Number:

UN No. (ADR/RID/ADN): 1950
UN No. (IMDG): 1950
UN No. (ICAO): 1950

14.2 UN Proper Shipping Name:

Aerosols (Naphtha (Petroleum), Hydrotreated Light)

14.3 Transport Hazard Class(es):

ADR/RID/ADN Class: 2
ADR/RID/ADN Class: Class 2:Gases
ADR Label No.: 2.1
IMDG Class: 2.1
ICAO Class/Division: 2.1
Transport Labels:



14.4 Packing Group:

ADR/RID/ADN Group: N/A
IMDG Group: N/A
ICAO Group: N/A

14.5 Environmental Hazards:

Environmentally hazardous substance/marine pollutant



14.6 Special Precautions For User:

EMS: F-D, S-U
Tunnel Restriction Code: (D)
ICAO Group: N/A

14.5 Transporting In Bulk:

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

SECTION 15: REGULATORY INFORMATION

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

UK Regulatory References:

The Chemicals (Hazard Information and Packaging for Supply) Regulations, 2002.
The Control of Substances Hazardous to Health Regulations, 2002.

Statutory Instruments:

The Control of Substances Hazardous to Health Regulations, 2002.
The Chemicals (Hazard Information and Packaging for Supply) Regulations, 2002.

Approved Code Of Practice:

Classification and Labelling of Substances and Preparations Dangerous for Supply.

Guidance Notes:

Workplace Exposure Limits EH40.
Introduction to Local Exhaust Ventilation HS(G)37.
CHIP For Everyone HSG(108).

SECTION 16: OTHER INFORMATION

16.1 Revision Details:

Revision Date: 24/05/2015
Revision: 2
Supersedes Date: 26.11/2014

16.2 Risk Phrases In Full:

R12: Extremely flammable.
R65: Harmful, may cause lung damage if swallowed.
R11: Highly flammable.
R38: Irritating to skin.
R51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment
R67: Vapours may cause drowsiness and dizziness

16.3 Hazard Phrases In Full:

H315: Causes skin irritation.
H222: Extremely flammable aerosol.
H220: Extremely flammable gas.
H225: Highly flammable liquid and vapour.
H304: May be fatal if swallowed and enters airways.
H336: May cause drowsiness or dizziness.
H411: Toxic to aquatic life with long lasting effects