

CU4 CARPET & UPHOLSTERY CLEANER


SAFETY DATA SHEET

According To Australian Model Workplace Health and Safety (WHS) Regulations

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

1.1 Product identifier	
GHS Product Identifier	Not applicable.
Chemical Name	Not applicable.
Trade name	CU4 CARPET & UPHOLSTERY CLEANER
Product Code	10-500870
CAS No.	Mixture
EINECS No.	Mixture
1.2 Relevant identified uses of the substance or mixture and uses advised against	
Identified use(s)	Cleaning product
Uses advised against	None.
1.3 Details of the supplier of the safety data sheet	
Company Identification	Spray Products Corporation P.O. Box 737 Norristown, PA 19404
Telephone	+1 (610) 277-1010
Fax	+1 (610) 277-4390
E-mail	sds@sprayproducts.com
Distributor	JARZAC GROUP PTY LTD Level 36 , Gateway Tower , 1 Macquarie Pl Sydney NSW 2000 Australia 1300 764 241
Telephone	
1.4 Emergency telephone number	
Emergency Phone No.	Transportation Emergency: CHEMTREC 24 hr. 1-800-424-9300 / 1 (703) 527-3887 (Collect calls accepted)

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture	
GHS Classification	Flam. Aerosol 2 Eye Irrit. 2
2.2 Label elements	
Hazard Symbol	
Signal word(s)	WARNING
Hazard statement(s)	H223: Flammable aerosol. H229: Pressurised container: May burst if heated H315: Causes skin irritation.

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Precautionary statement(s)

P210: Keep away from heat/sparks/open flames/hot surfaces. – No smoking.

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 (hands and exposed skin) thoroughly after handling.

P410+P412: Protect from sunlight. Do not expose to temperatures exceeding 50°C/ 122°F.

P102: Keep out of reach of children.

2.3 Other hazards

None

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2 Mixtures

Hazardous ingredient(s)	%W/W	CAS No.	Hazard classification
Propane	1 - 5	74-98-6	Flam. Gas 1, H220 Press. Gas (*)
Butane	1 - 5	106-97-8	Flam. Gas 1, H220 Press. Gas (*)
Sodium N-lauroylsarcosinate	0.1 – 1	137-16-6	Acute Tox. 2 (Inhalation); H330 Skin Irrit. 2; H315 Eye Dam. 1; H318
Polyethylene glycol octylphenyl ether	0.1 – 0.5	9036-19-5	Acute Tox. 4 (oral); H302 Eye Dam. 1; H318
Sodium hydroxide	0.01 – 0.05	1310-73-2	Met. Corr. 1; H290 Skin Corr. 1A; H314 Eye Dam. 1; H318
Silicic acid, disodium salt (1:2)	0.25 – 0.75	6834-92-0	Skin Corr. 1B; H314 Eye Dam. 1; H318 STOT SE 3; H335

For full text of H/P phrases see section 16.

SECTION 4: FIRST AID MEASURES



4.1 Description of first aid measures

Inhalation

Move person to fresh air. If breathing is laboured, administer oxygen. If symptoms develop, obtain medical attention.

Skin Contact

Wash affected skin with soap and water. If symptoms develop, obtain medical attention.

Eye Contact

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If symptoms occur obtain medical attention.

Ingestion

IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Do not give anything by mouth to an unconscious person.

4.2 Most important symptoms and effects, both acute and delayed

None anticipated

4.3 Indication of the immediate medical attention and special treatment needed

None anticipated

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SECTION 5: FIRE-FIGHTING MEASURES

- 5.1 Extinguishing media**
 -Suitable Extinguishing Media Extinguish with carbon dioxide, dry chemical, foam or waterspray.
 -Unsuitable Extinguishing Media Do not use water jet.
- 5.2 Special hazards arising from the substance or mixture** Pressurised container: May burst if heated
- 5.3 Advice for fire-fighters** A self contained breathing apparatus and suitable protective clothing should be worn in fire conditions. Keep containers cool by spraying with water if exposed to fire.

SECTION 6: ACCIDENTAL RELEASE MEASURES

- 6.1 Personal precautions, protective equipment and emergency procedures** Keep away from heat/sparks/open flames/hot surfaces. – No smoking. Take precautionary measures against static discharges. Avoid contact with skin and eyes.
- 6.2 Environmental precautions** Prevent liquid entering sewers, basements and workpits.
- 6.3 Methods and material for containment and cleaning up** Cover spills with inert absorbent material. Transfer to a container for disposal or recovery.
- 6.4 Reference to other sections** None

SECTION 7: HANDLING AND STORAGE

- 7.1 Precautions for safe handling** Keep away from heat/sparks/open flames/hot surfaces. – No smoking. Use product in a well-ventilated area only. Avoid contact with skin and eyes.
- 7.2 Conditions for safe storage, including any incompatibilities**
 -Storage Temperature Keep in a cool, well ventilated place. Store at temperatures not exceeding 50°C / 122 °F.
 -Incompatible materials This product should be stored away from sources of strong heat or oxidising chemicals.
- 7.3 Specific end use(s)** Cleaning product

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

- 8.1 Control parameters**
8.1.1 Occupational Exposure Limits

SUBSTANCE.	CAS No.	LTEL (8 hr TWA ppm)	LTEL (8 hr TWA mg/m ³)	STEL (ppm)	STEL (mg/m ³)	Note:
Butane	106-97-8	800	1900			OEL (Australia)
Propane	74-98-6	1000	-----	-----	-----	OEL (Australia)

Biological limit value

Limit value type (country of origin)	SUBSTANCE.	CAS No.	Biological limit value	Note:
None known	None	-----	None	None

- 8.1.2 Recommended monitoring method** NIOSH 1500 (hydrocarbons, B.P. 36 - 216 °C)
- 8.2 Exposure controls**
8.2.1 Appropriate engineering controls Use only with adequate ventilation to keep exposures (airborne levels of dust, fume, vapour etc) below recommended exposure limits.
8.2.2 Personal protection equipment

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Eye/face protection



Wear protective eyewear (goggles, face shield, or safety glasses).

Skin protection (Hand protection/ Other)



Wear suitable gloves if prolonged skin contact is likely (Nitrile rubber)

Respiratory protection



In case of insufficient ventilation, wear suitable respiratory equipment.

Thermal hazards

Not normally required.

8.2.3 Environmental Exposure Controls

None assigned.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance	Liquid / Liquefied gas
Colour	Clear
Odour	Spearmint
Odour Threshold (ppm)	Not available
pH (Value)	Not available
Melting Point (°C) / Freezing Point (°C)	Not available
Boiling point/boiling range (°C):	Not available
Flash Point (°C)	-104 (Propane)
Evaporation rate	Not available
Flammability (solid, gas)	Extremely flammable (Propane)
Explosive limit ranges	2.1% - 9.5% v/v (Propane)
Vapour Pressure (Pascal)	ca. 95×10^4 (Propane)
Vapour Density (Air=1)	ca. 1.56 @ 0°C (Propane)
Density (g/ml)	Not available
Solubility (Water)	Not available
Solubility (Other)	Not available
Partition Coefficient (n-Octanol/water)	Not available
Auto Ignition Temperature (°C)	450 (Propane)
Decomposition Temperature (°C)	Not available
Kinematic Viscosity (cP)	<20
Explosive properties	Not explosive.
Oxidising properties	Not oxidising.

9.2 Other information

Not available

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity	Stable under normal conditions.
10.2 Chemical stability	Stable.
10.3 Possibility of hazardous reactions	None anticipated.
10.4 Conditions to avoid	Avoid contact with heat and ignition sources.
10.5 Incompatible materials	Strong oxidising agents
10.6 Hazardous Decomposition Product(s)	None known

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

11.1.1 Substances	Not applicable
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11.1.2 Mixtures

Calculated

LD50 (oral): >5000 mg/kg (rat)

11.1.3 Substances in preparations / mixtures

Propane (CAS# 74-98-6):

Acute toxicity

Inhalation: LC50 = 1237 mg/L (2-hr, mouse, gas)

Irritation/Corrosivity

No evidence of irritant effects from normal handling and use.

Sensitisation

It is not a skin sensitiser.

Repeated dose toxicity

NOAEC: \geq 19678 mg/m³ (28-day, rat, Systemic effects)
LOAEC: 21641 mg/m³ (28-day, rat, effects: Body weight)

Carcinogenicity

No data. It is unlikely to present a carcinogenic hazard to man.

Mutagenicity

There is no evidence of mutagenic potential.

Reproductive toxicity

None anticipated

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity

12.1.1 Substances in preparations / mixtures

Short term (calculated)

LC50 (96 hour): >100 mg/L (Fish)

Long Term (calculated)

NOAEC (28 days): >100 mg/l (Fish) QSAR

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Disposal should be in accordance with local, state or national legislation. Consult an accredited waste disposal contractor or the local authority for advice.

SECTION 14: TRANSPORT INFORMATION

	Land transport (ADG)	Sea transport (IMDG)	Air transport (ICAO/IATA)
14.1 UN number	1950	1950	1950
14.2 Proper Shipping Name	Aerosols, flammable	Aerosols, flammable	Aerosols, flammable
14.3 Transport hazard class(es)	2.1	2.1	2.1
14.4 Packing Group	Not applicable	Not applicable	Not applicable
14.5 Environmental hazards	None assigned	None assigned	None assigned
14.6 Special precautions for user	None assigned	None assigned	None assigned
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:

15.1.1 National regulations

Dangerous to the ozone layer.

Persistent Organic Pollutants

Export/Import of Dangerous Chemicals

Listed

No.

No.

No.

15.2 Chemical Safety Assessment

Not applicable

SECTION 16: OTHER INFORMATION

Additional Information

None

The following sections contain revisions or new statements: 1-16.

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Hazard Statement(s) and Risk Phrases Listed in: SECTION 2:/ SECTION 3:

Hazard Statement(s)

- H220: Extremely flammable gas.
- H290: May be corrosive to metals.
- H302: Harmful if swallowed.
- H314: Causes severe skin burns and eye damage.
- H315: Causes skin irritation.
- H318: Causes serious eye damage.
- H330: Fatal if inhaled.
- H335: May cause respiratory irritation.

Training advice: None.

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