Safety Data Sheet

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

SGCA - SPRAY GUN CLEANING AEROSOL

Adhesive Accessory

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

1.1 Product identifier

Product name	SPRAY GUN CLEANING AEROSOL
Product number	SGCA

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

Identified uses	Adhesive.
Uses advised against	No specific uses advised against are identified.

1.3. Details of the supplier of the safety data sheet

Supplier	AXTER LTD, West Road, Ransomes Europark, Ipswich IP3 9SX UK **Tel: +44 (0) 1473 724056, 8.00 am to 5.30 pm, Monday to Friday** Email: info@axterltd.co.uk
1.4 Emergency telephone	+ 44 1473 724056 (NOT 24HRS - 8am - 5.30pm, Monday Friday) In the event of a medical enquiry involving this product, please contact your doctor or local hospital accident and emergency department.
National Emergency telephone	National Poisons Information Service (UK) TEL: 0844 892 0111

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 Carc. 2 - H351 STOT SE 3 - H336
Environmental hazards	Not Classified
Human health	Vapours/aerosol spray may irritate the respiratory system.
Physicochemical	Aerosol containers can 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. The product is extremely flammable.

2.2 Label elements

Pictogram

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. H351 Suspected of causing cancer.
Precautionary statements	A1 Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use. A2 Do not spray on a naked flame or any incandescent material. A3 Keep away from sources of ignition - No smoking. 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 vapours. P281 Use personal protective equipment as required. 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. RCH002a Restricted to professional users.
Contains	DICHLOROMETHANE

2.3 Other hazards

Section 3: Composition/information on ingredients

3.2 Mixtures

DICHLOROMETHANE			60-100%
CAS number: 75-09-2	EC number: 200-838-9	REACH registration number: 01-2119480404-41-0007	
Classification Acute Tox. 4 - H302 Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 Carc. 2 - H351 STOT SE 3 - H336			

BUTANE			10-30%
CAS number: 106-97-8	EC number: 203-448-7	REACH registration number: 01-2119474691-32-0000	
Classification Flam. Gas 1 - H220 Press. Gas, Liquefied - H280			

PROPANE			10-30%
CAS number: 74-98-6	EC number: 200-827-9	REACH registration number: 01-2119486944-21-0000	
Classification Flam. Gas 1 - H220 Press. Gas, Liquefied - H280			

The full text for all hazard statements is displayed in Section 16.

Section 4: First aid measures

4.1. Description of first aid measures

General information Remove affected person from source of contamination.

Inhalation Move affected person to fresh air at once. Get medical attention if any discomfort continues.

Ingestion DO NOT induce vomiting. Get medical attention immediately.

Skin contact Remove contaminated clothing immediately and wash skin with soap and water. Get medical attention if any discomfort continues.

Eye contact Rinse immediately with plenty of water. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Get medical attention if irritation persists after washing. Show this Safety Data Sheet to the medical personnel.

4.2 Most important symptoms and effects, both acute and delayed

General information The severity of the symptoms described will vary dependent on the concentration and the length of exposure.

Inhalation Irritation of nose, throat and airway. Coughing, chest tightness, feeling of chest pressure.

Ingestion May cause discomfort if swallowed.

Skin contact	Prolonged skin contact may cause redness and irritation.
Eye contact	Vapour, spray or dust may cause chronic eye irritation or eye damage.

4.3 Indication of any immediate medical attention and special treatment needed

Notes for the doctor	No specific recommendations. If in doubt, get medical attention promptly.

Section 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	Extinguish with foam, carbon dioxide, dry powder or water fog.
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

Specific hazards	Containers can burst violently or explode when heated, due to excessive pressure build-up. Extremely flammable.
Hazardous combustion products	Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours. Oxides of carbon. Oxides of nitrogen.

5.3. Advice for firefighters

Protective actions during firefighting	Containers close to fire should be removed or cooled with water. Do not allow water to contact any leaked material.
Special protective equipment for firefighters	Wear chemical protective suit. Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

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	Do not discharge into drains or watercourses or onto the ground.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up	Absorb spillage with non-combustible, absorbent material. Absorb spillage with non- combustible, absorbent material. Collect and place in suitable waste disposal containers and seal securely. Provide adequate ventilation. Contain spillage with sand, earth or other suitable non-combustible material. Avoid the spillage or runoff entering drains, sewers or watercourses.

6.4. Reference to other sections

Reference to other sections Wear protective clothing as described in Section 8 of this safety data sheet.

Section 7: Handling and storage

7.1 Precautions for safe handling

Usage precautions Avoid inhalation of vapours and spray/mists. Avoid contact with skin and eyes. Do not use in confined spaces without adequate ventilation and/or respirator. Spraying is permitted only in closed systems, spray cabinets or spray boxes with adequate ventilation.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions Store in closed original container at temperatures between 5°C and 25°C.

Storage class Chemical storage.

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
DICHLOROMETHANE
Long-term exposure limit (8-hour TWA): WEL 100 ppm 350 mg/m^3
Short-term exposure limit (15-minute): WEL 300 ppm 1060 mg/m^3
Sk

BUTANE
Long-term exposure limit (8-hour TWA): WEL 600 ppm 1450 mg/m^3
Short-term exposure limit (15-minute): WEL 750 ppm 1810 mg/m^3
WEL = Workplace Exposure Limit
Sk = Can be absorbed through the skin.

Ingredient comments WEL = Workplace Exposure Limits

DICHLOROMETHANE (CAS: 75-09-2)

Ingredient comments WEL = Workplace Exposure Limits

DNEL Consumer - Dermal; Short term systemic effects: 353 mg/m^3
Workers - Dermal; Short term systemic effects: 706 mg/m^3

PNEC Fresh water; 0.54 mg/l
Sediment (Freshwater); 4.47 mg/kg
Intermittent release; 0.27 mg/l
Sediment (Marinewater); 1.61 mg/kg
Marine water; 0.194 mg/l
STP; 26 mg/l
Soil; 0.583 mg/kg

8.2. Exposure controls

Protective equipment

Appropriate engineering controls	Provide adequate ventilation. Avoid inhalation of vapours. Observe any occupational exposure limits for the product or ingredients.
Eye/face protection	Wear chemical splash goggles.
Hand protection	It is recommended that gloves are made of the following material: Nitrile rubber. It should be noted that liquid may penetrate the gloves. Frequent changes are recommended. For exposure up to 8 hours, wear gloves made of the following material: Nitrile rubber.
Other skin and body protection	Wear suitable protective clothing as protection against splashing or contamination. Wear apron or protective clothing in case of contact.
Hygiene measures	Use engineering controls to reduce air contamination to permissible exposure level. Wash hands after handling. When using do not eat, drink or smoke.
Respiratory protection	If ventilation is inadequate, suitable respiratory protection must be worn. In confined or poorly- ventilated spaces, a supplied-air respirator must be worn. Wear a respirator fitted with the following cartridge: Gas filter, type AX. Respiratory protection must be used if the airborne contamination exceeds the recommended occupational exposure limit.
Environmental exposure controls	Keep container tightly sealed when not in use.

Section 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Appearance	Aerosol.
Colour	Various colours.
Odour	Characteristic.
Odour threshold	Not available.
pH	Not available.
Melting point	Not available.
Initial boiling point and range	39-40C°C @
Flash point	<40°C
Evaporation rate	Not available.

Evaporation factor	Not available.
Flammability (solid, gas)	Not available.
Upper/lower flammability or explosive limits	Lower flammable/explosive limit: 1.8 Upper flammable/explosive limit: 9
Other flammability	Not available.
Vapour pressure	Not available.
Vapour density	Not available.
Relative density	@ 20°C
Bulk density	Not available.
Solubility(ies)	Insoluble in water.
Partition coefficient	Not available.
Decomposition Temperature	Not available.
Viscosity	20-50 mPa s @ 25°C
Explosive properties	Not available.
Explosive under the influence of a flame	Not considered to be explosive.
Oxidising properties	Not available.
Comments	Information given is applicable to the product as supplied.

9.2. Other information

Other information	No information required.
Refractive index	Not available.
Particle size	Not available.
Molecular weight	Not available.
Volatility	Not available.
Saturation concentration	Not available.
Critical temperature	Not available.
Volatile organic compound	This product contains a maximum VOC content of 798 g/litre.

Section 10: Stability and reactivity

10.1. Reactivity

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

Possibility of hazardous reactions	Not applicable. Not relevant.

10.4. Conditions to avoid

Conditions to avoid	Avoid contact with water. Avoid heat, flames and other sources of ignition. Avoid exposure to high temperatures or direct sunlight.

10.5. Incompatible materials

Materials to avoid	Strong acids. Strong alkalis.

10.6. Hazardous decomposition products

Hazardous decomposition products	Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours. Oxides of carbon. Oxides of nitrogen.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity - oral	
Acute toxicity oral (LDso mg/kg)	2,000.0
Species	Rat
ATE oral (mg/kg)	3,333.33
Acute toxicity - dermal	
Acute toxicity dermal (LDso mg/kg)	2,000.0
Species	Rat
Acute toxicity - inhalation	
Species	Rat
Skin corrosion/irritation	
Animal data	Irritating.
Serious eye damage/irritation	
Serious eye damage/irritation	Moderately irritating.
Respiratory sensitisation	
Respiratory sensitisation	Sensitising.
Carcinogenicity	
Carcinogenicity	Suspected carcinogen based on limited evidence.
Target organ for carcinogenicity	No specific target organs known.
Reproductive toxicity	
Reproductive toxicity - development	This substance has no evidence of toxicity to reproduction.
Specific target organ toxicity - repeated exposure	
STOT - repeated exposure	Morphological changes that are potentially reversible but provide clear evidence of marked organ dysfunction.
Aspiration hazard	
Aspiration hazard	Not anticipated to present an aspiration hazard, based on chemical structure.

Inhalation	Irritating to respiratory system. May cause sensitisation by inhalation.
Ingestion	May cause stomach pain or vomiting.
Skin contact	Irritating to skin. May cause sensitisation by skin contact.
Eye contact	Irritation of eyes and mucous membranes.
Acute and chronic health hazards	May cause sensitisation by skin contact. The product contains small quantities of isocyanate. May cause respiratory allergy. May cause respiratory system irritation. May cause respiratory system irritation. Frequent inhalation of vapours may cause respiratory allergy.
Route of entry	Inhalation Skin and/or eye contact
Medical symptoms	Irritation of eyes and mucous membranes. Coughing, chest tightness, feeling of chest pressure.
Medical considerations	Chronic respiratory and obstructive airway diseases. Toxicological information on ingredients.

DICHLOROMETHANE

Toxicological effects	The toxicity of this substance has been assessed during REACH registration.
Acute toxicity - oral **Acute toxicity oral (LDso mg/kg)**	2,000.0
Species	Rat
ATE oral (mg/kg)	2,000.0
Acute toxicity - dermal **Acute toxicity dermal (LDso mg/kg)**	2,000.0
Species	Rat
Acute toxicity - inhalation **Acute toxicity inhalation (LCso vapours mg/l)**	86.0
Species	Rat
ATE inhalation (vapours mg/l)	86.0
Skin corrosion/irritation **Skin corrosion/irritation**	Irritating to skin., REACH dossier information.
Serious eye damage/irritation **Serious eye damage/irritation**	Causes eye irritation.
Respiratory sensitisation **Respiratory sensitisation**	Not sensitising.

Germ cell mutagenicity	
Genotoxicity - in vitro	Positive.
Genotoxicity - in vivo	Negative.
Carcinogenicity	
IARC carcinogenicity	IARC Group 2B Possibly carcinogenic to humans.
Reproductive toxicity	
Reproductive toxicity - fertility	No evidence of reproductive toxicity in animal studies.
Reproductive toxicity - development	No evidence of reproductive toxicity in animal studies.

BUTANE

Acute toxicity - inhalation	
Acute toxicity inhalation (LCso gases ppmV)	658,000.0
Species	Rat
ATE inhalation (gases ppm)	658,000.0

Section 12: Ecological Information

Ecotoxicity	The product is not expected to be hazardous to the environment.

12.1. Toxicity

Acute toxicity - fish	LC_{50}, 96 hours: > 193 mg/l, Freshwater fish LC_{50}, 96 hours: > 97 mg/l, Marinewater fish
Acute toxicity - aquatic invertebrates	EC_{50}, 48 hours: > 27 mg/l, EC_{50}, 48 hours: >500 mg/l, Daphnia magna
Acute toxicity - aquatic plants	IC_{50}, 72 hours: 550 mg/l, Algae

Ecological information on ingredients.

DICHLOROMETHANE

Acute toxicity - fish	LC50, 96 hours: 193 mg/l, Pimephales promelas (Fat-head Minnow) LC_{50}, 48 hours: 97 mg/l, Fundulus heteroclitus
Acute toxicity - aquatic invertebrates	EC_{50}, 48 hours: 27 mg/l, Daphnia magna LC_{50}, 48 hours: 109 mg/l, Palaemonetes pugio
Acute toxicity - aquatic plants	NOEC, 192 hours: 550 mg/l, Microcystis aeruginosa - Algae, blue, cyanobacteria
Acute toxicity - microorganisms	EC_{50}, 0.67 hours: 2590 mg/l, Bacteria
Chronic toxicity - fish early life stage	NOEC, 28 days: 83 mg/l, Pimephales promelas (Fat-head Minnow)

BUTANE

Acute toxicity - fish	LCo, 96 hours: 24,11 mg/l, Fish
Acute toxicity - aquatic invertebrates	LCo, 48 hours: 14,22 mg/l, Daphnia magna
Acute toxicity - aquatic plants	LCo, 96 hours: 7,71 mg/l, Algae

PROPANE

Acute toxicity - fish	LCo, 96 hours: 24 mg/l, Fish
Acute toxicity - aquatic invertebrates	LCo, 48 hours: 7 mg/l, Daphnia magna
Acute toxicity - aquatic plants	LCo, 96 hours: 8 mg/l,

12.2. Persistence and degradability

Persistence and degradability	The product is not readily biodegradable.
Stability (hydrolysis)	Reacts with water.
Biological oxygen demand	< 10 g O_2/g substance

12.3. Bioaccumulative potential

Bioaccumulative potential	The product does not contain any substances expected to be bioaccumulating.
Partition coefficient	Not available.

Ecological information on ingredients.

DICHLOROMETHANE

Bioaccumulative potential	The product is not bioaccumulating.
Partition coefficient	Not available.

12.4. Mobility in soil

Mobility	The product contains volatile organic compounds (VOCs) which will evaporate easily from all surfaces.

Ecological information on ingredients.

DICHLOROMETHANE

Mobility	The product contains volatile organic compounds (VOCs) which will evaporate easily from all surfaces.

Ecological information on ingredients.

DICHLOROMETHANE

Mobility	The product contains volatile organic compounds (VOCs) which will evaporate easily from all surfaces.

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.

Ecological information on ingredients.

DICHLOROMETHANE

Results of PBT and vPvB assessment	This product does not contain any substances classified as PBT or vPvB.

12.6. Other adverse effects

Ecological information on ingredients.

DICHLOROMETHANE

Other adverse effects	Not applicable.

Section 13: Disposal considerations

13.1. Waste treatment methods

General information	Waste should be treated as controlled waste. Dispose of waste to licensed waste disposal site in accordance with the requirement of the local Waste Disposal Authority.
Disposal methods	Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

Section 14: Transport information

14.1. UN number

UN No. (ADR/RID)	1950
UN No. (IMDG)	1950
UN No. (ICAO)	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 subsidiary risk	6.1
ADR/RID label	2.1 & 6.1
IMDG class	2.1
IMDG subsidiary risk	6.1
ICAO class/division	2.1
ICAO subsidiary risk	6.1

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

Tunnel restriction code (D)

14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

Section 15: Regulatory information

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

National regulations Control of Pollution Act 1974.

EU legislation 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).

Guidance The spraying of flammable liquids HSG178.

15.2. Chemical safety assessment No chemical safety assessment has been carried out.

Section 16: Other information

Revision date 03/11/2020

Revision 21

Supersedes date 22/10/2019

Hazard statements in full
H220 Extremely flammable gas.
H222 Extremely flammable aerosol.
H229 Pressurised container: may burst if heated
H280 Contains gas under pressure; may explode if heated.
H302 Harmful if swallowed.
H315 Causes skin irritation.
H319 Causes serious eye irritation.
H336 May cause drowsiness or dizziness.
H351 Suspected of causing cancer.

Store Between Store Between 5°C - 25°C

Contains SVHC NO