SAFETY DATA SHEET
Cromar PU Foam Cleaner

According to Regulation (EC) No 1907/2006, Annex II, as amended. Commission Regulation (EU) No 2015/830 of 28 May 2015.

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

1.1. Product identifier

Product name Cromar PU Foam Cleaner

Container size 500ml

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

Identified uses Cleaning Solvent.

1.3. Details of the supplier of the safety data sheet

Supplier

Cromar Building Products Ltd.
Units 1,3,4,5 Northside Industrial Park
Whitley Bridge
DN14 OGH
Tel: 01977 663 133
Email: Sales@cromar.uk.com

1.4. Emergency telephone number

Emergency telephone Cromar Building Products Ltd: (Mon-Fri 09:00-17:00)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (EC 1272/2008)

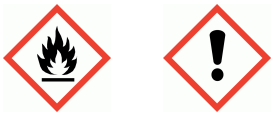
Physical hazards Aerosol 1 - H222, H229

Health hazards Eye Irrit. 2 - H319 STOT SE 3 - H336

Environmental hazards Not Classified

2.2. Label elements

Pictogram



Signal word Danger

Hazard statements

H222 Extremely flammable aerosol.
H229 Pressurised container: may burst if heated.
H319 Causes serious eye irritation.
H336 May cause drowsiness or dizziness.

Precautionary statements

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 spray.
P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.
P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.

Supplemental label information EUH066 Repeated exposure may cause skin dryness or cracking.

Cromar PU Foam Cleaner

Contains ACETONE

Supplementary precautionary statements
P264 Wash contaminated skin thoroughly after handling.
P271 Use only outdoors or in a well-ventilated area.
P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/ doctor.
P302+P352 IF ON SKIN: Wash with plenty of water.
P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P312 Call a POISON CENTRE/doctor if you feel unwell.
P337+P313 If eye irritation persists: Get medical advice/ attention.
P403 Store in a well-ventilated place.
P405 Store locked up.
P501 Dispose of contents/ container in accordance with national regulations.

2.3. Other hazards

Containers should be thoroughly emptied before disposal because of the risk of an explosion. Prolonged or repeated contact with skin may cause irritation, redness and dermatitis. In use may form flammable/explosive vapour-air mixture. Vapours are heavier than air and may spread near ground and travel a considerable distance to a source of ignition and flash back. This product does not contain any substances classified as PBT or vPvB.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

ACETONE **30-60%**

CAS number: 67-64-1 EC number: 200-662-2 REACH registration number: 01-2119471330-49-XXXX

Classification
Flam. Liq. 2 - H225
Eye Irrit. 2 - H319
STOT SE 3 - H336

PETROLEUM GASES, LIQUEFIED; PETROLEUM GAS <0.1% 1,3 BUTADIENE **30-60%**

CAS number: 68476-85-7 EC number: 270-704-2

Classification
Flam. Gas 1 - H220
Press. Gas (Liq.) - H280

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

Composition comments CAS 68476-85-7 - Petroleum Gas, The substance contains less than 0.1% w/w 1,3-butadiene, meaning that the full harmonised classification regarding Muta. 1B H340 and Carc. 1A H350 does not apply.

SECTION 4: First aid measures

4.1. Description of first aid measures

General information Move affected person to fresh air at once.

Inhalation Move affected person to fresh air at once. If breathing stops, provide artificial respiration. Keep affected person warm and at rest. Get medical attention immediately.

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Ingestion	Rinse mouth thoroughly with water. Do not induce vomiting. Get medical attention if any discomfort continues.
Skin contact	Wash skin thoroughly with soap and water. Get medical attention if any discomfort continues.
Eye contact	Rinse immediately with plenty of water. Continue to rinse for at least 15 minutes. Remove any contact lenses and open eyelids wide apart. Get medical attention promptly if symptoms occur after washing.
Protection of first aiders	First aid personnel should wear appropriate protective equipment during any rescue.

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. Prolonged and repeated contact with solvents over a long period may lead to permanent health problems.
Inhalation	Coughing, chest tightness, feeling of chest pressure. Exposure may cause coughing or wheezing. In case of overexposure, organic solvents may depress the central nervous system causing dizziness and intoxication, and at very high concentrations unconsciousness and death.
Ingestion	There may be soreness and redness of the mouth and throat.
Skin contact	Prolonged contact may cause redness, irritation and dry skin.
Eye contact	There may be irritation and redness. Eyes may water profusely. Irritating to eyes.

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

Notes for the doctor	Show this safety data sheet to the doctor in attendance. The following symptoms may occur: Nausea, headache, dizziness, coughing and breathing difficulty.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	Water spray, foam, dry powder or carbon dioxide.
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	Pressurised container: Must not be exposed to temperatures above 50°C. Extremely flammable. Forms explosive mixtures with air. May explode when heated or when exposed to flames or sparks. Vapours are heavier than air and may spread near ground and travel a considerable distance to a source of ignition and flash back.
Hazardous combustion products	Oxides of carbon. Acrid smoke or fumes.

5.3. Advice for firefighters

Protective actions during firefighting	Use water spray to reduce vapours. Containers can burst violently or explode when heated, due to excessive pressure build-up. Cool aerosol containers exposed to heat with water spray and remove container, if no risk is involved.
Special protective equipment for firefighters	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	Ensure suitable respiratory protection is worn during removal of spillages in confined areas.

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For non-emergency personnel For the greatest protection, clothing should include anti-static overalls, boots and gloves.

For emergency responders For the greatest protection, clothing should include anti-static overalls, boots and gloves.

6.2. Environmental precautions

Environmental precautions Avoid discharge into drains.

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. Provide adequate ventilation. Absorb in vermiculite, dry sand or earth and place into containers. 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 For personal protection, see Section 8. See Section 7 for information on safe handling. For waste disposal, see Section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions Keep away from heat, sparks and open flame. Read and follow manufacturer's recommendations. Avoid inhalation of vapours and spray/mists. Do not spray on an open flame or other ignition source. When sprayed on a naked flame or any incandescent material the aerosol vapours can be ignited.

Advice on general occupational hygiene Do not eat, drink or smoke when using this product. Remove contaminated clothing and protective equipment before entering eating areas. Wash after use and before eating, smoking and using the toilet. Do not smoke in work area. Clean equipment and the work area every day.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions Store in a well-ventilated place. Keep away from heat, sparks and open flame. Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.

Storage class Extremely Flammable Aerosol

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

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Long-term exposure limit (8-hour TWA): WEL 1000 ppm 1750 mg/m³
Short-term exposure limit (15-minute): WEL 1250 ppm 2180 mg/m³
WEL = Workplace Exposure Limit

ACETONE (CAS: 67-64-1)

DNEL	Consumer - Oral; Long term : 62 mg/kg/day Consumer - Dermal; Long term : 62 mg/kg/day Industry - Dermal; Long term : 186 mg/kg/day Consumer - Inhalation; Long term : 200 mg/m³ Industry - Inhalation; Short term : 2420 mg/m³ Industry - Inhalation; Long term : 1210
PNEC	- Fresh water; 10.6 mg/l - marine water; 1.06 mg/l - Intermittent release; 21 mg/l - Soil; 29.5 mg/l - Sediment (Marinewater); 3.04 mg/kg - Sediment (Freshwater); 30.4 mg/kg

8.2. Exposure controls

Protective equipment

Appropriate engineering controls	Provide adequate ventilation. Ensure that the direction of airflow is clearly away from the worker. Use approved respirator if air contamination is above an acceptable level. Observe any occupational exposure limits for the product or ingredients. The engineering controls also need to keep gas, vapour or dust concentrations below any lower explosive limits. Use explosion-proof electrical, ventilating and lighting equipment. Ensure operatives are trained to minimise exposure. Refer to protective measures listed in sections 7 and 8.
Personal protection	Wear protective work clothing.
Eye/face protection	Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. 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.
Other skin and body protection	Provide eyewash station. Avoid contact with skin. Wear suitable coveralls to prevent exposure to the skin.
Hygiene measures	When using do not eat, drink or smoke. Wash promptly if skin becomes contaminated.
Respiratory protection	No specific recommendations. Respiratory protection must be used if the airborne contamination exceeds the recommended occupational exposure limit. If ventilation is inadequate, suitable respiratory protection must be worn.
Thermal hazards	Spray will evaporate and cool rapidly and may cause frostbite or cold burns if in contact with skin.
Environmental exposure controls	Residues and empty containers should be taken care of as hazardous waste according to local and national provisions.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance	Aerosol.
Colour	Various colours.
Odour	Organic solvents.
Odour threshold	No information available.

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pH	No information available.
Melting point	No information available.
Initial boiling point and range	56°C Boiling point of base liquid
Flash point	<-40°C
Evaporation rate	No information available.
Evaporation factor	No specific test data are available.
Flammability (solid, gas)	No specific test data are available.
Upper/lower flammability or explosive limits	Upper flammable/explosive limit: 9.5% Lower flammable/explosive limit: 1.8%
Other flammability	No specific test data are available.
Vapour pressure	No information available.
Vapour density	No information available.
Relative density	0.8 @ 20°C Density of liquid base.
Bulk density	Not applicable.
Solubility(ies)	Soluble in water.
Partition coefficient	Not available.
Auto-ignition temperature	410-580°C
Decomposition Temperature	No information available.
Explosive properties	In use may form flammable/explosive vapour-air mixture.
Explosive under the influence of a flame	Yes In use may form flammable/explosive vapour-air mixture.
Oxidising properties	The mixture itself has not been tested but none of the ingredient substances meet the criteria for classification as oxidising.
Comments	Information given is applicable to the major ingredient. 23 Flammable gas.

9.2. Other information

Other information	Not available.
Volatile organic compound	This product contains a maximum VOC content of 668 g/l.

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity	Stable under recommended transport or storage conditions.

10.2. Chemical stability

Stability	Highly volatile.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions	Will not polymerise. In use may form flammable/explosive vapour-air mixture.

10.4. Conditions to avoid

Cromar PU Foam Cleaner

Conditions to avoid 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 oxidising agents. Strong alkalis.

10.6. Hazardous decomposition products

Hazardous decomposition products Oxides of carbon.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

General information Prolonged and repeated contact with solvents over a long period may lead to permanent health problems.

Inhalation High exposures may cause an abnormal heart rhythm and prove suddenly fatal. Very high atmospheric concentrations may cause anaesthetic effects and asphyxiation.

Ingestion May cause soreness and redness of mouth and throat.

Skin contact Skin irritation should not occur when used as recommended. Repeated exposure may cause skin dryness or cracking.

Eye contact Vapour or spray in the eyes may cause irritation and smarting.

Acute and chronic health hazards Vapours in high concentrations are narcotic. Symptoms following overexposure may include the following: Headache. Fatigue. Dizziness. Nausea, vomiting. Arrhythmia (deviation from normal heart beat).

Route of exposure Inhalation

Target organs Central nervous system Respiratory system, lungs

Medical symptoms Narcotic effect. Vapours may cause drowsiness and dizziness.

Toxicological information on ingredients.

ACETONE

Toxicological effects The toxicity of this substance has been assessed during REACH registration.

Acute toxicity - dermal

Acute toxicity dermal (LD_{50} mg/kg) 2,000.0

Species Rabbit

Skin sensitisation

Skin sensitisation Epidemiological studies have shown no evidence of skin sensitisation.

Skin contact Irritating to skin.

Eye contact Irritating to eyes.

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Toxicological effects	Information given is based on product data, a knowledge of the components and the toxicology of similar products.
Acute toxicity - oral	
Notes (oral LD_{50})	Not applicable.
Acute toxicity - dermal	
Notes (dermal LD_{50})	Not applicable.
Acute toxicity - inhalation	
Notes (inhalation LC_{50})	LC_{50} >20 mg/l, Inhalation, Rat
Skin corrosion/irritation	
Skin corrosion/irritation	Not irritating.
Serious eye damage/irritation	
Serious eye damage/irritation	Not irritating.
Respiratory sensitisation	
Respiratory sensitisation	Not sensitising.
Skin sensitisation	
Skin sensitisation	Not sensitising.
Germ cell mutagenicity	
Genotoxicity - in vitro	This substance has no evidence of mutagenic properties.
Carcinogenicity	
Carcinogenicity	Carcinogenicity in humans is not expected.
Reproductive toxicity	
Reproductive toxicity - fertility	Based on available data the classification criteria are not met.
Reproductive toxicity - development	Does not contain any substances known to be toxic to reproduction.
Specific target organ toxicity - single exposure	
STOT - single exposure	A single exposure may cause the following adverse effects: Overexposure to organic solvents may depress the central nervous system, causing dizziness and intoxication and, at very high concentrations, unconsciousness and death.
Specific target organ toxicity - repeated exposure	
STOT - repeated exposure	Not classified as a specific target organ toxicant after repeated exposure.
Aspiration hazard	
Aspiration hazard	Not anticipated to present an aspiration hazard, based on chemical structure.

Inhalation	May cause respiratory system irritation.
Skin contact	Spray will evaporate and cool rapidly and may cause frostbite or cold burns if in contact with skin.
Route of exposure	Inhalation Skin and/or eye contact

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SECTION 12: Ecological information

Ecotoxicity The product is not expected to be toxic to aquatic organisms. Avoid the spillage or runoff entering drains, sewers or watercourses.

Ecological information on ingredients.

PETROLEUM GASES, LIQUEFIED; PETROLEUM GAS <0.1% 1,3 BUTADIENE

Ecotoxicity Information given is based on product data, a knowledge of the components and the toxicology of similar products.

12.1. Toxicity

Toxicity The product is not believed to present a hazard due to its physical nature.

Ecological information on ingredients.

ACETONE

Acute aquatic toxicity

Acute toxicity - fish LC_{50}, 96 hours: >100 mg/l, Fish

Acute toxicity - aquatic invertebrates EC_{50}, 48 hours: 12600 mg/l, Daphnia magna
EC_{50}, 48 hours: 8300 mg/l, Daphnia magna

Acute toxicity - aquatic plants IC_{50}, 72 hours: >100 mg/l, Algae

Chronic aquatic toxicity

Chronic toxicity - aquatic invertebrates NOEC, 28 days: >10<100 mg/l, Freshwater invertebrates

PETROLEUM GASES, LIQUEFIED; PETROLEUM GAS <0.1% 1,3 BUTADIENE

Toxicity Not regarded as dangerous for the environment. The product is not believed to present a hazard due to its physical nature. Highly volatile.

12.2. Persistence and degradability

Persistence and degradability The degradability of the product is not known.

Ecological information on ingredients.

ACETONE

Persistence and degradability The product is readily biodegradable.

PETROLEUM GASES, LIQUEFIED; PETROLEUM GAS <0.1% 1,3 BUTADIENE

Persistence and degradability The product is readily biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential Readily evaporates from water/soil due to high volatility.

Partition coefficient Not available.

Ecological information on ingredients.

PETROLEUM GASES, LIQUEFIED; PETROLEUM GAS <0.1% 1,3 BUTADIENE

Bioaccumulative potential Bioaccumulation is unlikely.

12.4. Mobility in soil

Mobility Volatile

Ecological information on ingredients.

PETROLEUM GASES, LIQUEFIED; PETROLEUM GAS <0.1% 1,3 BUTADIENE

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 Not determined

Ecological information on ingredients.

ACETONE

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

PETROLEUM GASES, LIQUEFIED; PETROLEUM GAS <0.1% 1,3 BUTADIENE

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

12.6. Other adverse effects

Other adverse effects None known.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

General information Ensure containers are empty before discarding (explosion risk). Must not be disposed of together with household waste.

Disposal methods Containers should be thoroughly emptied before disposal because of the risk of an explosion. Do not puncture or incinerate, even when empty. Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

Waste class Full or Partially Empty Aerosol: 16 05 04, Empty Aerosol: 15 01 10 (Containing hazardous residues), Empty Aerosol: 15 01 04 (No hazardous residues).

SECTION 14: Transport information

General This product is packed in accordance with the Limited quantity Provisions of CDGCPL2, ADR and IMDG. These provisions allow the transport of aerosols of less than 1 litre packed in cartons of less than 30kg gross weight to be exempt from control providing they are labelled in accordance with the requirements of those regulations to show that they are transported as Limited Quantities. Aerosols not so packed must show the following.

14.1. UN number

Not applicable.

14.2. UN proper shipping name

Proper shipping name (ADR/RID) AEROSOLS

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Proper shipping name (IMDG) AEROSOLS

Proper shipping name (ICAO) AEROSOLS

Proper shipping name (ADN) AEROSOLS

14.3. Transport hazard class(es)

Transport labels

14.4. Packing group

Not applicable.

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant
No.

14.6. Special precautions for user

IMDG Code segregation group SG69

Tunnel restriction code (D)

14.7. Transport in bulk according to Annex II of MARPOL 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 Health and Safety at Work etc. Act 1974 (as amended).
The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (SI 2009 No. 716).
The Control of Substances Hazardous to Health Regulations 2002 (SI 2002 No. 2677) (as amended).
Control of Substances Hazardous to Health Regulations 2002 (as amended).

EU legislation Dangerous Preparations Directive 1999/45/EC.

Guidance Safety Data Sheets for Substances and Preparations.
Approved Classification and Labelling Guide (Sixth edition) L131.

Authorisations (Title VII Regulation 1907/2006) No specific authorisations are known for this product.

Restrictions (Title VIII Regulation 1907/2006) No specific restrictions on use are known for this product.

15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

SECTION 16: Other information

Cromar PU Foam Cleaner

Classification procedures according to Regulation (EC) 1272/2008	Aerosol 1 - H222, H229: Weight of evidence. Eye Irrit. 2 - H319, STOT SE 3 - H336: Calculation method.
Issued by	Technical Department
Revision date	05/07/2018
Revision	1
SDS number	21561
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. H319 Causes serious eye irritation. H336 May cause drowsiness or dizziness.