

1. IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY / UNDERTAKING

1.1 Product Identifier

Material name : PVC, UPVC and Anodised Aluminium Cleaner - Powerful Window Frame and Door Cleaner
Product code :

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

Product use : Cleaner

1.3 Details of the supplier of the safety data sheet

Manufacturer/Supplier: Go Pro Chemicals
Unit 5B
Molesworth Business Estate
Molesworth
Cambridgeshire
PE28 0QG

Tel. : 01832 279279

Email (for SDSs) : info@goprochemicals.co.uk

1.4 Emergency tel. no. : 01832 279279

2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

According to GB Classification, Labelling and Packaging of Substances and Mixtures Regulation (CLP):

Physical and Chemical Hazards	Aerosol Cat.1; H222; H229
Human health	Eye Irrit.2; H319; EUH208
Environment	Not classified

2.2 Label elements

Labelling according to GB CLP:

Signal word: Danger

Pictograms:



Hazard statements:	H222	Extremely flammable aerosol
	H229	Pressurized container: may burst if heated
	H319	Causes serious eye irritation

Precautionary statements:	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.
	P261	Avoid breathing vapours.
	P271	Use only outdoors or in a well-ventilated area.

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Precautionary

statements (continued): P280 Wear protective gloves/protective clothing/eye protection/face protection.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.
P501 Dispose of contents/container in accordance with local/national regulations.

Supplementary

Statements: EUH208 Contains Linalool. May produce an allergic reaction.

2.3 Other hazards: In use, may form flammable / explosive vapour-air mixture.
The product does not contain any vPvB or PBT substances.

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.2 Mixtures:

Hazardous components

Chemical Name	CAS No./ EC No./ Reg. No	Classification (CLP)	Content
2-BUTOXYETHANOL	111-76-2 203-905-0 01-2119475108-36-xxxx	Acute Tox.4; H302 Acute Tox.4; H312 Acute Tox.4; H332 Sk.Irrit.2; H315 Eye Irrit.2; H319	2.5-10%
BUTANE	106-97-8 203-448-7 01-2119474691-32	Flam.Gas 1; H220	2.5-10%
ISOBUTANE	75-28-5 200-857-2	Flam.Gas 1; H220	1-2.5%
PROPANE	74-98-6 200-827-9	Flam.Gas 1; H220	1-2.5%
ALCOHOLS, C8-10 ETHOXYLATED	71060-57-6	Ac.Tox.4; H302 Eye Dam.1; H318	1-2.5%
LINALOOL	78-70-6 201-134-4	Sk.Irrit.2; H315 Sk.Sens.1; H317 Eye Irrit.2; H319	0-<1%

Substance classifications are taken from the GB Mandatory Classification and Labelling (MCL) list, or if absent, from supplier's information.

See Section 16 for the full text of the H-statements noted above.

4. FIRST AID MEASURES

4.1 Description of first aid measures

General advice: Remove casualty from exposure ensuring one's own safety whilst doing so. Take off any contaminated clothing and shoes/boots immediately. Never give anything by mouth to an unconscious person.

Skin contact: Wash with soap and water. Seek medical advice if irritation develops.

Eye contact: Rinse with water for 10 minutes and seek medical advice if irritation persists.

Ingestion: Rinse mouth with water and give water to drink. Do not induce vomiting. Seek medical advice.

Inhalation: Remove to fresh air. Seek medical advice.

4.2 Most important symptoms and effects, both acute and delayed: May cause irritation to skin and eyes with prolonged contact.

4.3 Indication of any immediate medical attention and special treatment needed: See skin and eye contact information above.

5. FIRE-FIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media: Carbon dioxide; dry chemical powder; alcohol or polymer foam.

Unsuitable extinguishing media: High volume water jet

5.2 Special hazards arising from the substance or mixture

Specific hazards during fire-fighting: Irritating/toxic fumes may be released at elevated temperatures.

5.3 Advice for fire-fighters:

Special protective equipment: Wear self-contained breathing apparatus. Use personal protective equipment.

Further information: Standard procedure for chemical fires. Use water spray to cool containers.
Do not allow fire run-off to enter drains.

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Evacuate personnel to safe areas. Mark out the contaminated area with signs and prevent access to unauthorised personnel. Use personal protective equipment to deal with spillage.

6.2 Environmental precautions

Contain the spillage using sufficient appropriate absorbent material. Do not discharge into drains or rivers, but if contamination to waterways has occurred, inform local authorities.

6.3 Methods and materials for containment and cleaning up

Wipe up liquid spillage with absorbent material such as sand, earth, or vermiculite, and place in a labelled container for disposal in accordance with local/national regulations.

6.4 References to other sections: See sections 8 and 13 for personal protection and disposal information.

7. HANDLING AND STORAGE

7.1 Precautions for safe handling

Avoid contact with skin and eyes. Handle with care.

7.2 Conditions for safe storage, including any incompatibilities

Store in a cool, well ventilated area, below 50°C. Protect from frost, heat and sunlight. Keep away from food, drink and animal feed.

7.3 Specific end use(s): No information available.

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8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control parameters

Chemical name	8hr TWA	15min STEL	Reference
2-Butoxyethanol	123 mg/m ³ / 25ppm	246 mg/m ³ / 50ppm (Sk) (BMGV)	EH40/2005
Butane	1450 mg m ⁻³ /600ppm	1250 mg/m ³ /500 ppm	EH40/2005

8.2 Exposure controls

Engineering measures: Ensure there is sufficient ventilation of the area.

Personal protective equipment

Respiratory protection: Given the product usage, unlikely to be necessary.

Hand protection: PVC, Neoprene or Nitrile Rubber gloves approved to EN374 standard; check with glove manufacturer for specific advice. Gloves should only be worn on clean hands. Replace worn gloves. Wash and dry gloves after use. (Sk) noted above means can be absorbed through skin.

Eye protection: Chemical splash goggles and/or face shield approved to EN166 should be worn.

Skin and body protection: Protective overalls. The selected protective clothing has to satisfy the standard EN 13034, which describes clothing offering limited 8 hour protection against splashes.

Hygiene measures: Handle in accordance with good industrial hygiene and safety practices. Do not eat or drink whilst using the product. Wash hands before breaks and at the end of the work day. Wash contaminated clothing before re-use.

Environmental exposure controls: Do not discharge into drains or rivers.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

State and colour	Aerosol emitting colourless liquid
Odour	Fragranced
Odour Threshold	No data available
Flammability	Extremely flammable
Flash point	<0°C
Lower explosion limit	0.8%
Upper explosion limit	10.6%
Explosive properties	Not explosive
Thermal decomposition	No data available
Auto-ignition temperature	No data available
Oxidising properties	Non-oxidising
Solubility in water	Miscible
Solubility in other solvents	Not determined
pH	Not applicable
Melting point/range	No data available
Boiling point/range	No data available
Density	Not applicable
Vapour pressure	No data available
Vapour density	Not determined
Partition coefficient: n-octanol/water	Not determined
Viscosity	Not applicable
Evaporation rate	No data available

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9.2 Other information No data available

10. STABILITY AND REACTIVITY

10.1 Reactivity Generally non-reactive.
10.2 Chemical stability Stable under normal conditions.
10.3 Possibility of hazardous reactions None if stored and used as directed.
10.4 Conditions to avoid None known.
10.5 Incompatible materials Strong oxidising agents.
10.6 Hazardous decomposition products Oxides of carbon.

11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects
Acute toxicity:

Chemical name	Oral (LD50)	Inhalation (LC50)	Dermal (LD50)
2-Butoxyethanol	300-2000mg/kg (Rat)	No data available	1000-2000 mg/kg (Rat)
Butane	Not applicable	>20mg/l (Rat) 4h	Not applicable
Alcohols, C8-10, ethoxylated	>300 mg/kg (Rat)	No data available	No data available
Linalool	2790 mg/kg (Rat)	No data available	No data available

Skin corrosion/irritation: Not classed as a skin irritant.

Serious eye damage/eye irritation: Irritating to eyes.

Respiratory or skin sensitisation: Contains an ingredient which may cause sensitisation or an allergic reaction (Linalool).

Repeated dose toxicity: No data available.

Carcinogenicity: Not carcinogenic.

Mutagenicity: Not mutagenic.

Toxicity for reproduction: Not expected to impair fertility.

Specific target organ toxicity (STOT): No data available.

Further information No data available.

12. ECOLOGICAL INFORMATION

12.1 Toxicity

Chemical name	Species	Test	Value
2-Butoxyethanol	Daphnia	EC50	>100 mg/l
	Fish	LC50	>100 mg/l
	Algae	EC50	>100 mg/l

12.2 Persistence and degradability Expected to be biodegradable
12.3 Bioaccumulative potential Low bioaccumulation potential.
12.4 Mobility in soil Miscible with water.
12.5 Results of PBT and vPvB assessment No PBT or vPvB substances identified.
12.6 Other adverse effects None known.

13. DISPOSAL CONSIDERATIONS**13.1 Waste treatment methods**

Disposal operations: Dispose of in accordance with local and national regulations.
Contact licensed waste disposal company. Most aerosols can be recycled.
Do not pierce or burn or use a cutting torch on the empty aerosol container

14. TRANSPORT INFORMATION

General Information: The UN number for all aerosols is 1950. Aerosols packed in fibreboard cartons up to 30 kg gross weight, or shrink/stretch wrapped onto trays up to 20 kg gross weight may be transported as Limited Quantities, and should display the following symbol on the pack:



The following information relates to all other aerosols not transported as Limited Quantities:

14.1 UN number: ADR/RID/ADN; IMDG; ICAO: 1950

14.2 UN proper shipping name: AEROSOLS

14.3 Transport hazard class(es): ADR/RID/ADN Class: 2, 5F

ADR/RID/ADN Class: Class 2, Gases

ADR Label No.: 2.1

IMDG Class: 2

ICAO Class/Division: 2

ICAO Subsidiary risk: 2.1

**Transport labels**

14.4 Packing Group: ADR/RID/ADN; IMDG; ICAO: Not applicable for aerosols

14.5 Environment hazards: Marine Pollutant: Not applicable for aerosols.

14.6 Special precautions for user: EMS: F-D,S-U

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code: Not applicable for aerosols.

15. REGULATORY INFORMATION**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture****UK Regulatory References**

The Control of Substances Hazardous to Health Regulations 2002 (S.I 2001 No.2677) with amendments.

GB MCL (Mandatory Classification and Labelling).

Labelling for detergents (EC Regulation No. 648/2004,907/2006) :

- less than 5 %: nonionic surfactants
- 5 % or over but less than 15 %: aliphatic hydrocarbons
- perfumes
- allergenic fragrances: linalool; coumarin

Statutory Instruments

The Chemicals (Hazard information and Packaging for Supply) Regulations 2009 (S.I 2009 No. 716).

S.I. 2020 No. 1577: The REACH etc. (Amendment etc.) (EU Exit) Regulations 2020.

Guidance Notes

Health and Safety Executive Workplace Exposure Limits EH40.

15.2 Chemical Safety Assessment

A Chemical Safety Assessment has not been performed on this product.

16. OTHER INFORMATION

This safety data sheet is prepared in accordance with the requirements of the UK REACH - Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation - The REACH etc. (Amendment etc.) (EU Exit) Regulations 2020. (S.I. 2020 No. 1577).

Reason for revision: regulatory references changed from Regulation (EC) No 1272/2008 (CLP) and EU REACH to GB CLP and UK REACH.

Classification and procedure used to derive the classification for mixtures according to GB CLP:

Physical hazards:	On basis of test data/Expert judgement.
Health hazards:	Calculation method
Environmental hazards:	Calculation method

Full text of H-statements referred to under sections 2 and 3

H220	Extremely flammable gas
H222	Extremely flammable aerosol
H229	Pressurized container: may burst if heated
H302	Harmful if swallowed
H312	Harmful in contact with skin
H315	Causes skin irritation
H317	May cause an allergic skin reaction
H318	Causes serious eye damage
H319	Causes serious eye irritation
H332	Harmful if inhaled
EUH208	Contains Linalool. May produce an allergic reaction.

Abbreviations and acronyms

ACGIH: American Conference of Governmental Industrial Hygienists
ATE: Acute Toxicity Estimate (Section 11).
CAS: Chemical Abstract Service (division of the American Chemical Society). {Section 3}.
DNEL: Derived No Effect Level (Section 8).
PBT: Persistent, Bioaccumulative, Toxic. (Section 12).
PNEC: Predicted No Effect Concentration (Section 8).
STEL: Short-term exposure limit. (Section 8).
STOT: Single Target Organ Toxicity (Section 11).
TWA: Time-weighted average. (Section 8).
vPvB: very Persistent and very Bioaccumulative. (Section 12).

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.

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