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

1.1 Product Identifier

Material name : Cyanoacrylate Activator
Product code :

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

Product use : Adhesive activator

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	Sk.Irrit.2; H315
Environment	Aq. Chron.2; H411

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
	H315	Causes skin irritation
	H411	Toxic to aquatic life with long-lasting effects
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.

Precautionary statements (continued):

P273	Avoid release to the environment.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P302+P352	IF ON SKIN: Wash with plenty of soap and water.
P332+P313	If skin irritation occurs: Get medical advice/attention.
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.

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
BUTANE	106-97-8 203-448-7	Flam.Gas 1; H220 Press. Gas; H280	30-50%
LOW BOILING POINT HYDROGEN TREATED NAPHTHA - NAPHTHA (PETROLEUM), HYDROTREATED LIGHT	64742-49-0 265-151-9	Flam.Liq. 1; H224 Asp.Tox. 1; H304 Sk.Irrit. 2; H315 Aq.Chron.2; H411	10-30%
N,N-DIMETHYL-P-TOLUIDINE	99-97-8 202-805-4	Ac.Tox. 3; H301 Ac.Tox. 3; H311 Ac.Tox. 3; H331 STOT RE 2; H373 Aq.Chron.3; H412	<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: Wipe off skin and 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 unopened 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 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: Do not breathe spray mist. 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.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control parameters

Chemical name	8hr TWA	15min STEL	Reference
Butane	1450 mg/m^3	1810 mg/m^3	EH40

DNEL/PNEC: No information available

8.2 Exposure controls

Engineering measures: Provide adequate ventilation to ensure that the workplace exposure limits are not exceeded. Provide emergency eye wash stations and shower facilities.

Personal protective equipment

Respiratory protection: Unlikely to be necessary in normal circumstances; if vapour levels are high, wear a respirator conforming to EN 140 with type A filter or better.

Hand protection: Wear chemically resistant gloves such as butyl rubber approved to standard EN 374; material thickness 0.5mm; break through time ≥ 480 min. Gloves must be replaced after 8 hours of wear. Gloves should be discarded and replaced if there is any indication of degradation or chemical breakthrough. Check with glove manufacturer for specific advice.

Eye protection: Chemical splash goggles of EN 166 standard if eye contact is reasonably probable.

Skin and body protection: Wear suitable protective overalls.

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	Hydrocarbon/aromatic
Odour Threshold	No data available
Flammability	Extremely flammable
Flash point	<0°C
Lower explosion limit	0.6%
Upper explosion limit	9.0%
Explosive properties	Not explosive
Thermal decomposition	No data available
Auto-ignition temperature	No data available
Oxidising properties	Non-oxidising
Solubility in water	Insoluble
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

9.2 Other information VOC content: 99%

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 Naked flames, ignition sources.
10.5 Incompatible materials Strong **o**xidising agents. Strong acids. Strong alkalis.
10.6 Hazardous decomposition products Oxides of carbon.

11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects
Acute toxicity:

Chemical name	IPR (LD50)	Inhalation (LC50)	Dermal (LD50)
n,n-Dimethyl-p-toluidene	212 mg/kg (Mouse)	No data available	No data available

Skin corrosion/irritation: Irritating to skin.
Serious eye damage/eye irritation: Not classed as an eye irritant.
Respiratory or skin sensitisation: Not classed as a respiratory or skin sensitizer.
Repeated dose toxicity: No data available.
Carcinogenicity: Not carcinogenic.
Mutagenicity: Not mutagenic.
Toxicity for reproduction: Not toxic for reproduction.

Specific target organ toxicity (STOT): High vapour concentrations may cause central nervous system depression resulting in headaches, nausea and dizziness, continued inhalation may result in unconsciousness or even death.

Further information The product as a whole may cause irritation of skin, eyes, nose and upper respiratory tract if exposed to high levels of spray mist.

12. ECOLOGICAL INFORMATION

12.1 Toxicity No data available
12.2 Persistence and degradability Biodegradable
12.3 Bioaccumulative potential Low bioaccumulation potential.
12.4 Mobility in soil Insoluble in water.
12.5 Results of PBT and vPvB assessment No PBT or vPvB substances identified.
12.6 Other adverse effects The aerosol contents are potentially toxic to aquatic life with long-lasting effects.

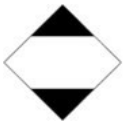
13. DISPOSAL CONSIDERATIONS

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).

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
H224	Extremely flammable liquid and vapour
H229	Pressurized container: may burst if heated
H280	Contains gas under pressure; may explode if heated
H304	May be fatal if swallowed and enters airways
H315	Causes skin irritation
H301	Toxic if swallowed
H311	Toxic in contact with skin
H331	Toxic if inhaled
H373	May cause damage to organs through prolonged or repeated exposure
H411	Toxic to aquatic life with long-lasting effects
H412	Harmful to aquatic life with long-lasting effects

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).
IPR: Intraperitoneal (Section 11)
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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