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 **FIXFAST**

# Safety Data Sheet

Gun & Foam Cleaner



**Sealing Products**

**Section 1: Identification of the article and the company****1.1. Identification:** Gun & Foam Cleaner**1.2. Relevant identified uses of the substance or mixture and uses advised against**

Relevant identified uses Cleaning agent/ Cleaner

Recommended restrictions None under normal processing. Consult technical data sheet.

**1.3. Details of the supplier of the safety data sheet:**

Fixfast Ltd  
Merlin House  
Seven Mile Lane  
Borough Green  
Sevenoaks  
Kent  
TN15 8QY

**Email of Competent person responsible for SDS:** quality@fixfast.com**1.4. Emergency telephone:** +44 (0) 800 304 7616 (Monday - Friday, normal office hours only)**Section 2: Hazards identification****2.1 Classification of the mixture**

2.1.1 Regulation EC No. 1272/2008 Flam. Aerosol 1; H222 Eye Irrit. 2; H319 STOT SE 3; H336

**2.2 Label elements**

2.2.1 Regulation EC 1272/2008

**Hazard pictograms:**

GHS02



GHS07

**Signal word: DANGER****Hazardous components to be indicated on label:** acetone, propan-2-one, propanone**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:**

P101: If medical advice is needed, have product container or label at hand.

P102: Keep out of reach of children.

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.

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

P501: Dispose of contents/container to special waste treatment

**2.3 Other hazards**

Particular information pertaining specific risk for human / environment

None known.

Indication of danger

None known.

Hazard precaution

None known.

**Section 3: Composition/information on ingredients**

## Hazardous ingredients

Ingredient		Classification (EC) 1278/2008	Concentration
acetone, propan-2-one, propanone	CAS No. : 67-64-1 EC-No. : 200-662-2 Index-No. : 606-001-00-8 REACH No. : 01-2119471330-49	Flam. Liq. 2; H225 Eye Irrit. 2; H319 STOT SE 3; H336	>= 50.0 %
Carbon-dioxide	CAS No. : 124-38-9 EC-No. : 204-696-9	Press. Gas; H280	2.5 - 10.0%
and isobutane	CAS No. : 75-28-5 EC-No. : 200-857-2 Index-No. : 601-004-00-0 REACH No. : 01-2119485395-27	Flam. Gas 1; H220 Compr. Gas; H280	2.5 - 10.0%
propane	CAS No. : 74-98-6 EC-No. : 200-827-9 Index-No. : 601-003-00-5 REACH No. : 01-2119486944-21	Flam. Gas 1; H220 Press. Gas; H280	<2.5%

**Section 4: First aid measures**

- 4.1 General:** If symptoms persist, call a physician.  
Take off all contaminated clothing immediately.  
Remove/Take off immediately all contaminated clothing.
- Skin Contact:** IF ON SKIN: Gently wash with plenty of soap and water.
- Eye Contact:** In case of eye contact, remove contact lens and rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.
- Ingestion:** If swallowed, seek medical advice immediately and show this container or label. Clean mouth with water and drink afterwards plenty of water. Drink 1 or 2 glasses of water. Do NOT induce vomiting.
- Inhalation:** Remove victim to fresh air and keep at rest in a position comfortable for breathing.
- 4.2 Indication of any immediate medical attention and special treatment needed**
- Immediate medical attention** No data available

**Section 5: Fire-fighting measures**

- 5.1 Extinguishing Media:** Foam, CO2, dry powder, water spray jet.

Extinguishing media which must not be used for safety reasons - High volume water jet

- 5.2 Special Hazards:** container may rupture on heating.  
Special exposure hazards arising from the substance or preparation itself, its combustion products, or released gases heating or fire can release toxic gas may form explosive mixtures in air.

- 5.3 Advice for firefighters:** In the event of fire, wear self-contained breathing apparatus.  
In the event of fire and/or explosion do not breathe fumes.  
Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.  
Keep containers and surroundings cool with water spray. Container may rupture on heating.
- Additional information on firefighting

## Section 6: Accidental release measures

### 6.1: Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation, especially in confined areas.  
Keep away from sources of ignition - No smoking.  
Keep people away from and upwind of spill/leak.

### 6.2: Environmental precautions

The product should not be allowed to enter drains, water courses or the soil.  
Prevent spreading over a wide area (e.g. by containment or oil barriers).

### 6.3: Method for containment and clean up

Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).  
Ensure adequate ventilation.

### 6.4: Reference to other sections

see chapter 8 / 13

### 6.5: Additional information

Treat recovered material as described in the section "Disposal considerations".  
Dispose of in accordance with local regulations.

## Section 7: Handling and storage

### 7.1. Precautions for safe handling:

Advice on safe handling

Handle and open container with care.  
Provide sufficient air exchange and/or exhaust in work rooms.  
Vapours are heavier than air and may spread along floors.  
BEWARE: Aerosol is pressurized. Keep away from direct sun exposure and temperatures over 50°C. Do not open by force or throw into fire even after use. Do not spray on flames or red-hot objects.

Advice on protection against fire and explosion

Pressurized container: Protect from sunlight and do not expose to temperatures exceeding 50 °C. Do not pierce or burn, even after use.  
Take precautionary measures against static discharges.  
Do not spray on a naked flame or any other incandescent material.  
In use, may form flammable/explosive vapour-air mixture.  
Keep away from sources of ignition - No smoking.

### 7.2. Conditions for safe storage, including any incompatibilities:

Storage space and container requirements

Keep containers tightly closed in a cool, well-ventilated place.  
Container may rupture on heating.  
Store in accordance with local regulations.  
2B Aerosols

TRGS 510

## Section 8: Exposure controls/personal protection

### 8.1. Control Parameters:

#### Acetone, propan - 2 - one, propanone

Great Britain

Long-term exposure value / ppm	Long-term exposure value / mg / m <sup>3</sup>	Short-term exposure value / ppm	Short-term exposure value / mg / m <sup>3</sup>	Source
500	1210	1500	3620	19

Source : 19 - EH40/2005 Workplace exposure limits (2011)

Europe

Long-term exposure value / mg / m <sup>3</sup>	Long-term exposure value / ppm	Issuing date	Source
1210	500	2000 / 39	24

Source : 24 - DIRECTIVE 2009/161/EU

#### Carbon-dioxide

Great Britain

Long-term exposure value / ppm	Long-term exposure value / mg / m <sup>3</sup>	Short-term exposure value / ppm	Short-term exposure value / mg / m <sup>3</sup>	Source
5000	9150	15000	27400	19

Source : 19 - EH40/2005 Workplace exposure limits (2011)

Europe

Long-term exposure value / mg / m <sup>3</sup>	Long-term exposure value / ppm	Issuing date	Source
9000	5000	2006 / 15	24

Source : 24 - DIRECTIVE 2009/161/EU

### 8.2. Exposure controls:

#### Respiratory protection:

In case of inadequate ventilation wear respiratory protection.

#### Hand protection:

Wear protective gloves

Suitable material : butyl-rubber, Chloroprene, Nitrile rubber

Unsuitable material : PVC disposable gloves

Material thickness :  $\geq 0,5$  mm

Break through time :  $>120$  min

Remarks : Replace when worn. Be aware that in daily use the durability of a chemical resistant protective glove can be notably shorter than the break through time measured according to EN 374, due to the numerous outside influences (e.g. temperature).

#### Eye protection

Tightly fitting safety goggles

#### Skin and body protection

Wear suitable protective equipment.

Note :

Choose body protection according to the amount

#### General protective and Hygiene measures

Smoking, eating and drinking should be prohibited in the application area.

Avoid contact with skin, eyes and clothing.

Take off all contaminated clothing immediately.

Do not breathe vapors, mist or gas.

Wash hands before breaks and at the end of workday.

Keep away from food, drink and animal feedingstuffs.

Use protective skin cream before handling the product.

#### Information on environmental protection regulations

No special environmental precautions required.

#### Engineering Measures:

Ensure adequate ventilation, especially in confined areas.

## Section 9: Physical and chemical properties

Physical state

Aerosol

Colour

colourless

odour

solvent

Odour threshold

not determined

pH

not determined

Melting point [°C] / Freezing point [°C]

not determined

**Section 9: Physical and chemical properties - continued**

Boiling point [°C]	not applicable (Aerosol)
Flash point [°C]	not applicable (aerosol)
Evaporation rate [kg/(s*m <sup>2</sup> )]	No data available
Flammability (solid, gas)	No data available
Explosion limits [Vol-% ]	
Lower limit :	not determined
Upper limit :	not determined
Vapour pressure [kPa]	not determined
Density [g/cm <sup>3</sup> ]	0,78
Temperature :	20 °C
Relative density	not determined
Water solubility [g/l]	insoluble
Solubility [g/l]	No data available
Partition coefficient n-octanol / water (log P O/W)	not determined
Autoignition temperature [°C]	not determined
Autoinflammability	not auto-flammable
Decomposition temperature [°C]	not determined
Viscosity, dynamic [kg/(m*s)]	not determined
Risk of explosion.	In use, may form flammable/explosive vapour-air mixture.
Oxidising properties	No data available

**9.2: Other information**

Ignition temperature [°C]	> 200
Relative vapour density (air=1)	not determined
Solvent content [%]	96,2 %

**Section 10: Stability and reactivity****10.1. Reactivity:**

Thermal decomposition No decomposition if stored and applied as directed.

**10.2. Chemicals to avoid:**

Chemical stability Stable under recommended storage conditions.

**10.3. Possibility of Hazardous reactions:**

Hazardous reactions None under normal processing.

**10.4. Conditions to avoid:**

Container may rupture on heating.  
No decomposition if used as directed.

**10.5 Incompatible materials:**

Materials to avoid No dangerous reaction known under conditions of normal use.

**10.6. Hazardous decomposition products:** Carbon oxides

## Section 11: Toxicological information

### 11.1 Information on Toxicological Hazardous ingredients

acetone, propan-2-one, propanone

Oral toxicity (mg/kg)	Test criterion	Test species	Source
> 5800	LD50	rat	100

Source : 100 - Company data

Oral toxicity (mg/kg)	Test criterion	Test species	Source
> 20000	LD50	rabbit	100

Source : 100 - Company data

Inhalative toxicity (mg/l)	Test criterion	Test species	Exposure Duration	Source
76	LC50	rat	4 hr	100

Source : 100 - Company data

ISOBUTANE

Oral toxicity (mg/kg)	Source
No data available	100

Source : 100 - Company data

Oral toxicity (mg/kg)	Source
No data available	100

Source : 100 - Company data

Inhalative toxicity (mg/l)	Test criterion	Test species	Exposure Duration	Source
> 50	LC50	rat	4 hr	100

Source : 100 - Company data

propane

Oral toxicity (mg/kg)	Source
No data available	100

Source : 100 - Company data

Oral toxicity (mg/kg)	Source
No data available	100

Source : 100 - Company data

Inhalative toxicity (mg/l)	Test criterion	Test species	Exposure Duration	Source
20	LC50	rat	4 hr	100

Source : 100 - Company data

### 11.2 Information on Toxicological

The product itself has not been tested.

## Section 12: Ecological information

### 12.1. Toxicity:

acetone, propan-2-one, propanone

Toxicity to fish (mg/kg)	Test criterion	Test species	Exposure duration	Source
6210	LC50	Pimephales promelas (Pimephales promelas (fathead minnow))	96 h	100

Source : 100 - Company data

Toxicity to daphnia (mg/l)	Test criterion	Test species	Exposure duration	Source
8800	DC50	Daphnia magna (Big water flea).	48 h	100

Source : 100 - Company data

**Section 12: Toxicity - continued**

## ISOBUTANE

Toxicity to fish (mg/l)	Source
27,98	100

Source : 100 - Company data

Toxicity to daphnia (mg/l)	Source
14,22	100

Source : 100 - Company data

Toxicity to daphnia (mg/l)	Source
7,71	100

Source : 100 - Company data

## acetone, propan-2-one, propanone

Toxicity to fish (mg/l)	Test criterion	Exposure duration	Source
> 1000	LC50	96 h	100

Source : 100 - Company data

Toxicity to daphnia (mg/l)	Test criterion	Test species	Exposure Duration	Source
14,22	LC50	Daphnia magna (Big water flea).	48 h	100

Source : 100 - Company data

Toxicity to algae (mg/l)	Test criterion	Test species	Exposure Duration	Source
7,71	EC50	Scenedesmus quadricauda (Green algae)	96 h	100

Source : 100 - Company data

Ready degradability

**12.2 Other adverse effects**

The product itself has not been tested.




**Section 13: Disposal considerations****13.1 Waste treatment methods**

Disposal considerations

Disposal together with normal waste is not allowed. Special disposal required according to local regulations.

Waste Code

Do not flush into surface water or sanitary sewer system.  
160504 - gases in pressure containers (including halons) containing dangerous substances  
150104 - metallic packaging**Section 14: Transport information**

Ingredient	Land transport ADR/RID	Marine transport IMDG	Air transport ICAO/IATA
14.1 UN-No	1950	1950	1950
14.2 Description of the goods	AEROSOLS	AEROSOLS	Aerosols, flammable
14.2 UN proper shipping name		AEROSOLS	aerosols, flammable
14.3 Transport hazard class(es)	2	2.1	2.1
Remarks	inflammable	(maximum 1L) flammable	
Labels	2.1 	2.1 	2.1 
Category	2		
Classification Code	5F		
Tunnel restriction code	D		
EmS		F-D;S-U	
Stowage category		A	



**Section 14: Transport information - continued****14.6 Special precautions for user**

Precautions not required under normal use

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

Transport in bulk according to Annex II of MARPOL and the IBC Code not applicable

**Section 15: Regulatory information****15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture  
Regulation (EC) 1272/2008 (CLP)**

Classification in compliance with the Industrial Safety Regulation Extremely flammable

**15.2 Chemical safety assessment**

Safety assessment Not relevant. Chemical safety assessments for substances in this mixture were not carried out.

**Section 16: Other information****Symbols and text used in sections 2 & 3**

Relevant H-phrases	H220: Extremely flammable gas. H222: Extremely flammable aerosol. H225: Highly flammable liquid and vapour. H280: Contains gas under pressure; may explode if heated. H319: Causes serious eye irritation. H336: May cause drowsiness or dizziness.
Wording of the hazard classes	Flam. Aerosol: Flammable aerosol Eye Irrit.: Serious eye irritation STOT SE: Specific target organ toxicity - single exposure Flam. Liq.: Flammable liquid Press. Gas: Gases under pressure Flam.Gas: Flammable gas

Classification for mixtures and used evaluation method according to regulation (EC) 1272/2008 [CLP]

Classification	Evaluation
Flam. Aerosol 1:H222	Experimental data
Eye Irrit. 2; H319	Calculated
STOT SE 3; H336	Calculated

Recommended restrictions None under normal processing. Observe technical data sheet.

Modifications of the previous version are denoted with an asterisk (\*).

This information is provided in accordance with the current status of our knowledge and experience. The Safety Data Sheet describes products with a view to relevant safety requirements. This information does not constitute a warranty of properties, features or qualities.



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