

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

- 1.1 Product identifier: Freezer 500 ml**  
Article number: DTC51509
- 1.2 Relevant identified uses of the substance or mixture and uses advised against:**  
No further relevant information available.
- Sector of Use:**  
SU21 Consumer uses: Private households / general public / consumers  
SU22 Professional uses: Public domain (administration, education, entertainment, services, craftsmen)
- Product category:** Flux agents for casting  
**Process category:**  
PROC7 Industrial spraying  
PROC11 Non industrial spraying
- Application of the substance / the mixture Cleaning agent/ Cleaner**
- 1.3 Details of the supplier of the safety data sheet**  
**Manufacturer/Supplier:**  
BAXT Products  
www.baxt-products.com
- 1.4 Emergency telephone number:** ( 8am-4pm) +44 23 8025 1100

**SECTION 2: Hazards identification**

- 2.1 Classification of the substance or mixture**  
**Classification according to Regulation (EC) No 1272/2008**



Aerosol 1 H222-H229 Extremely flammable aerosol.  
Pressurised container: May burst if heated.

- 2.2 Label elements**

**Labelling according to Regulation (EC) No 1272/2008**  
The product is classified and labelled according to the GB CLP regulation.



GHS02  
**Signal word** Danger  
**Hazard statements**  
H222-H229 Extremely flammable aerosol. Pressurised container: May burst if heated.

**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, 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 spray.  
P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.  
P501 Dispose of contents / container in accordance with regional regulations.

**Additional information:**

Buildup of explosive mixtures possible without sufficient ventilation.

- 2.3 Other hazards**  
**Results of PBT and vPvB assessment**

**PBT:** Not applicable.

**vPvB:** Not applicable.

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

- 3.2 Mixtures**  
**Description:** Mixture of substances listed below with nonhazardous additions.

Identification	Chemical name/Classification	Concentration
CAS: 74-98-6 EINECS: 200-827-9 Index number: 601-003-00-5 Reg.nr.: 01-2119486944-21	<b>propane</b> Flam. Gas 1A, H220 Press. Gas (Comp.), H280	25-<50%
CAS: 106-97-8 EINECS: 203-448-7 Index number: 601-004-00-0 Reg.nr.: 01-2119474691-32	<b>butane [containing &lt; 0,1 % butadiene (203-450-8)]</b> Flam. Gas 1A, H220 Press. Gas (Comp.), H280	25-<50%
CAS: 75-28-5 EINECS: 200-857-2 Index number: 601-004-00-0 Reg.nr.: 01-2119485395-27	<b>isobutane [containing &lt; 0,1 % butadiene (203-450-8)]</b> Flam. Gas 1A, H220 Press. Gas (Comp.), H280	25-<50%

**Additional information:** For the wording of the listed hazard phrases refer to section 16.

**SECTION 4: First aid measures**

- 4.1 Description of first aid measures**  
**After inhalation:** Supply fresh air; consult doctor in case of complaints.  
**After skin contact:** Generally the product does not irritate the skin.  
**After eye contact:** Rinse opened eye for several minutes under running water.  
**After swallowing:** Drink plenty of water and provide fresh air. Call for a doctor immediately.
- 4.2 Most important symptoms and effects, both acute and delayed:**  
No further relevant information available.
- 4.3 Indication of any immediate medical attention and special treatment needed:**  
No further relevant information available.

**SECTION 5: Firefighting measures**

- 5.1 Extinguishing media**  
**Suitable extinguishing agents:** Use fire extinguishing methods suitable to surrounding conditions.
- 5.2 Special hazards arising from the substance or mixture**  
During heating or in case of fire poisonous gases are produced.
- 5.3 Advice for firefighters - Protective equipment:** Mouth respiratory protective device.

**SECTION 6: Accidental release measures**

- 6.1 Personal precautions, protective equipment and emergency procedures**  
Mount respiratory protective device.  
Wear protective equipment. Keep unprotected persons away.  
Keep away from ignition sources.
- 6.2 Environmental precautions:** No special measures required.
- 6.3 Methods and material for containment and cleaning up:**  
Dispose contaminated material as waste according to section 13.  
Ensure adequate ventilation.
- 6.4 Reference to other sections**  
See Section 7 for information on safe handling.  
See Section 8 for information on personal protection equipment.  
See Section 13 for disposal information.

**SECTION 7: Handling and storage****7.1 Precautions for safe handling**

Ensure good ventilation/exhaustion at the workplace.  
No special measures required.

**Information about fire - and explosion protection:**

Do not spray onto a naked flame or any incandescent material.  
Keep ignition sources away - Do not smoke.  
Keep respiratory protective device available.

**7.2 Conditions for safe storage, including any incompatibilities Storage:****Requirements to be met by storerooms and receptacles:**

Observe official regulations on storing packagings with pressurised containers.

**Information about storage in one common storage facility:** Not required.

**Further information about storage conditions:** Keep container tightly sealed.

**Storage class:** 2 B

**7.3 Specific end use(s)** No further relevant information available.**SECTION 8: Exposure controls/personal protection****8.1 Control parameters****Ingredients with limit values that require monitoring at the workplace:**

106-97-8 butane (containing < 0,1 % butadiene (203-450-8))	
WEL	Short-term value: 1810 mg/m <sup>3</sup> , 750 ppm Long-term value: 1450 mg/m <sup>3</sup> , 600 ppm Carc (if more than 0.1% of buta-1.3-diene)

**Additional information:** The lists valid during the making were used as basis.

**8.2 Exposure controls**

**Appropriate engineering controls** No further data; see section 7.

**Individual protection measures, such as personal protective equipment****General protective and hygienic measures:**

Wash hands before breaks and at the end of work.  
Do not inhale gases / fumes / aerosols.

**Respiratory protection:**

In case of brief exposure or low pollution use respiratory filter device.  
In case of intensive or longer exposure use self-contained respiratory protective device.

**Filter A2/P3**

**Hand protection** Not required.

**Material of gloves** Not required.

**Penetration time of glove material** Not required.

**Eye/face protection** Not required.

**SECTION 9: Physical and chemical properties****9.1 Information on basic physical and chemical properties****General Information**

**Physical state** Aerosol

**Colour:** Colourless

**Odour:** Mild

**Odour threshold:** Not determined.

**Melting point/** Undetermined.  
**freezing point:**

**Boiling point or initial boiling** Not applicable, as aerosol.  
**point and boiling range**

**Flammability** Not applicable.

**Lower and upper explosion limit**

**Lower:** 1.5 Vol % (106-97-8 butane  
(containing < 0,1 % butadiene  
(203-450-8)))

**Upper:** 10.9 Vol % (74-98-6 propane)  
**Flash point:** Not applicable, as aerosol.

**SECTION 9: Physical and chemical properties (cont'd)**

**Auto-ignition temperature:** 365 °C (689 °F) (106-97-8  
butane (containing < 0,1 %  
butadiene (203-450-8)))

**Decomposition temperature:** Not determined.  
**pH** Mixture is a gas.

**Viscosity:**

**Kinematic viscosity** Not determined.

**Dynamic:** Not determined.

**Solubility**

**Water:** Not miscible or difficult to mix.

**Partition coefficient n-octanol/** Not determined.  
**water (log value)**

**Vapour pressure at 20 °C (68 °F):** 3500 hPa (2625.2 mm Hg)

**Density and/or relative density**

**Density at 20 °C (68 °F):** 0.5 g/cm<sup>3</sup> (4.2 lbs/gal)

**Relative density** Not determined.

**Vapour density** Not determined.

**9.2 Other information****Appearance:**

**Form:** Aerosol

**Important information on protection of health and environment, and on safety.**

**Explosive properties:** Not determined.

**Solvent content:**

**Organic solvents:** 100.0 %

**VOC (EC)** ---

540.0 g/l

**VOC-EU%** 100.00 %

**Solids content:** 0.0 %

**Change in condition**

**Evaporation rate** Not applicable.

**Information with regard to physical hazard classes**

**Explosives** Void  
**Flammable gases** Void  
**Aerosols** Extremely flammable aerosol.  
Pressurised container:  
May burst if heated.

**Oxidising gases** Void

**Gases under pressure** Void

**Flammable liquids** Void

**Flammable solids** Void

**Self-reactive substances and** Void  
**mixtures**

**Pyrophoric liquids** Void

**Pyrophoric solids** Void

**Self-heating substances and** Void  
**mixtures**

**Substances and mixtures, which** Void  
**emit flammable gases in contact**

**with water**

**Oxidising liquids** Void

**Oxidising solids** Void

**Organic peroxides** Void

**Corrosive to metals** Void

**Desensitised explosives** Void

**SECTION 10: Stability and reactivity**

**10.1 Reactivity** No further relevant information available.

**10.2 Chemical stability**

**Thermal decomposition / conditions to be avoided:**

No decomposition if used according to specifications.

**10.3 Possibility of hazardous reactions** No dangerous reactions known.

**10.4 Conditions to avoid** No further relevant information available.

**SECTION 10: Stability and reactivity (cont'd)**

- 10.5 Incompatible materials:** No further relevant information available.
- 10.6 Hazardous decomposition products:** No dangerous decomposition products known.

**SECTION 11: Toxicological information**

- 11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008**
- Acute toxicity** Based on available data, the classification criteria are not met.
- Skin corrosion/irritation**  
Based on available data, the classification criteria are not met.  
No irritant effect.
- Serious eye damage/irritation**  
Based on available data, the classification criteria are not met.  
No irritating effect.
- Respiratory or skin sensitisation**  
Based on available data, the classification criteria are not met.  
No sensitising effects known.
- Germ cell mutagenicity** Based on available data, the classification criteria are not met.
- Carcinogenicity** Based on available data, the classification criteria are not met.
- Reproductive toxicity** Based on available data, the classification criteria are not met.
- STOT-single exposure** Based on available data, the classification criteria are not met.
- STOT-repeated exposure** Based on available data, the classification criteria are not met.
- Aspiration hazard** Based on available data, the classification criteria are not met.
- 11.2 Information on other hazards**
- Endocrine disrupting properties**  
None of the ingredients is listed.

**SECTION 12: Ecological information**

- 12.1 Toxicity**
- Aquatic toxicity:** No further relevant information available.
- 12.2 Persistence and degradability** No further relevant information available.
- 12.3 Bioaccumulative potential** No further relevant information available.
- 12.4 Mobility in soil** No further relevant information available.
- 12.5 Results of PBT and vPvB assessment**
- PBT:** Not applicable.
- vPvB:** Not applicable.
- 12.6 Endocrine disrupting properties**  
The product does not contain substances with endocrine disrupting properties.
- 12.7 Other adverse effects**
- Additional ecological information:**
- General notes:** Not hazardous for water.

**SECTION 13: Disposal considerations**

- 13.1 Waste treatment methods**
- Recommendation**  
Must not be disposed together with household garbage. Do not allow product to reach sewage system.
- Uncleaned packaging:**
- Recommendation:**  
Disposal must be made according to official regulations.  
Disposal must be made according to official regulations.

**SECTION 14: Transport information**

- 14.1 UN number or ID number**  
ADR, IMDG, IATA UN1950
- 14.2 UN proper shipping name**  
ADR 1950 AEROSOLS  
IMDG AEROSOLS  
IATA AEROSOLS, flammable
- 14.3 Transport hazard class(es)**

ADR		
	Class	2.5F Gases.
	Label	2.1

IMDG, IATA		
	Class	2.1 Gases.
	Label	2.1

- 14.4 Packing group**  
ADR, IMDG, IATA Not regulated
- 14.5 Environmental hazards:** Not applicable.
- 14.6 Special precautions for user** Warning: Gases.
- Hazard identification number (Kemler code): -**
- EMS Number:** F-D,S-U
- Stowage Code** SW1 Protected from sources of heat.  
SW22 For AEROSOLS with a maximum capacity of 1 litre: Category A. For AEROSOLS with a capacity above 1 litre: Category B. For WASTE AEROSOLS: Category C, Clear of living quarters.
- Segregation Code** SG69 For AEROSOLS with a maximum capacity of 1 litre:  
Segregation as for class 9. Stow "separated from" class 1 except for division 1.4.  
For AEROSOLS with a capacity above 1 litre:  
Segregation as for the appropriate subdivision of class 2.  
For WASTE AEROSOLS:  
Segregation as for the appropriate subdivision of class 2.
- 14.7 Maritime transport in bulk according to IMO instruments** Not applicable.
- Transport/Additional information:**
- ADR**
- Limited quantities (LQ)** 1L
- Excepted quantities (EQ)** Code: E0  
Not permitted as Excepted Quantity  
Code: E0  
Not permitted as Excepted Quantity
- Transport category** 2
- Tunnel restriction code** D
- IMDG**
- Limited quantities (LQ)** 1L
- Excepted quantities (EQ)** Code: E0  
Not permitted as Excepted Quantity  
Code: E0  
Not permitted as Excepted Quantity
- UN "Model Regulation":** UN 1950 AEROSOLS, 2.1

**SECTION 15: Regulatory information**

- 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture Poisons Act**
- Regulated explosives precursors**  
None of the ingredients is listed.



# FREEZER SPRAY

## 500ML

# SAFETY DATASHEET

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### SECTION 15: Regulatory information (cont'd)

**Regulated poisons**

None of the ingredients is listed.

**Reportable explosives precursors**

None of the ingredients is listed.

**Reportable poisons**

None of the ingredients is listed.

**Directive 2012/18/EU****Named dangerous substances - ANNEX I**

None of the ingredients is listed.

**Seveso category** P3a FLAMMABLE AEROSOLS

**Qualifying quantity (tonnes) for the application of lower-tier requirements** 150 t

**Qualifying quantity (tonnes) for the application of upper-tier requirements** 500 t

**15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.



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