

**Product: PU FOAM GUN CLEANER**

Code: BDCF1

Date of Issue: January 2003

Version: 1

## **1. PREPARATION AND COMPANY IDENTIFICATION:**

Preparation Trade Name: **BOND IT PU FOAM GUN CLEANER**

Supplier: **Bond It**

Address: Unit G16 River Bank Way, Lowfields Business Park, Elland, West Yorkshire. HX5 9DN. ENGLAND

Telephone: (+44) 01422 315300

Emergency: As Above

## **2. COMPOSITION/ INFORMATION ON INGREDIENTS:**

<u>CAS Number</u>	<u>Chemical Name</u>	<u>%</u>	<u>Classification</u>
811-97-2	1,1,1,2-Tetrafluoro Ethane	1-<25	
67-64-1	Acetone	50-<80	F, Xi, R11, 36, 66, 67
106-97-8	Butane	1-<20	F, R12
124-38-9	Carbon Dioxide	1-<20	F, R12
115-10-6	Dimethyl Ether	1-<20	F, R12
75-28-5	Isobutane	1-<20	Fx, R12
74-98-6	Propane	1-<20	Fx, R12

## **3. HAZARD IDENTIFICATION:**

Extremely flammable. Irritating to eyes (R36). Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment (R51/53). Vapours may cause drowsiness and dizziness (R67). Repeated exposure may cause skin dryness and cracking (R66).

## **4. FIRST AID MEASURES:**

**Inhalation:** Remove person to fresh air. If discomfort persists seek medical advice.  
**Skin Contact:** Remove contamination with proprietary skin cleaner, followed by washing with soap and water. This procedure should also be followed prior to eating, drinking, smoking and toilet functions.  
**Eye Contact:** Irrigate immediately with clean water for 15 minutes and obtain medical attention.  
**Ingestion:** If swallowed, seek medical advice immediately. Do not induce vomiting. If possible show product information or label to medical advisor.

## **5. FIRE FIGHTING MEASURES:**

**Suitable Extinguishing Media:** Carbon Dioxide. Dry Powder. Foam. Water spray jet.  
**Unsuitable Extinguishing Media:** Full water jet.  
**Special Exposure Hazards in Fires:** Risk of formation of toxic pyrolysis products.  
**Special Protective Equipment for Firefighters:** Use self-contained breathing apparatus. Do not inhale explosion and/or combustion gases  
**Additional Information:** Cool containers at risk with water spray jet. Fire residues and contaminated firefighting water must be disposed of in accordance with local regulations.

## **6. ACCIDENTAL RELEASE MEASURES:**

**Precautions:** Ensure adequate ventilation. Keep away from sources of ignition. Clean up spillage mechanically and dispose of material in accordance with the regulations.

## **7. HANDLING AND STORAGE:**

**Handling:** Use only in well ventilated areas and avoid spilling or spraying in enclosed areas. Keep away from heat, sparks and open flame.

**Storage:** Provide solvent-resistant and impermeable floor, Do not store together with oxidising agents. Keep in a cool place and protect from over heating as increased pressure can cause bursting.

## **8. Exposure Controls:**

UK Occupational exposure standards - EH40

	VALUE
1,1,1,2-Tetrafluoro Ethane	MAK: 1000ppm, Y 2000
Acetone	MAK: 500ppm (H,Y, BAT) 2001
Butane	MAK: 1000ppm 2000
Carbon Dioxide	MAK: 5000ppm 2000
Dimethyl Ether	MAK: 1000ppm 2000
Isobutane	MAK: 1000ppm 2000
Propane	MAK: 1000ppm 2000

**Respiratory Protection:** Should not be necessary with adequate ventilation. In poorly ventilated areas a cartridge mask approved for organic vapours is recommended. (Filter A).

**Hand Protection:** Wear suitable impervious and solvent resistant gloves.

**Skin Protection:** Wear appropriate protective clothing.

**Eye Protection:** Wear chemical resistant goggles if there is risk of splashing.

## 9. PHYSICAL AND CHEMICAL PROPERTIES:

<b>Appearance:</b>	Aerosol	<b>Flammability Limit:</b>	Not applicable
<b>Odour:</b>	Characteristic	<b>Combustion Properties:</b>	No
<b>Flashpoint (°C):</b>	Not applicable	<b>Viscosity:</b>	Not applicable
<b>Solubility (water &amp; fat):</b>	Miscible		

**10. STABILITY AND REACTIVITY:** Because of high vapour pressure, containers are liable to burst if temperature rises. Evolution of flammable mixtures possible in air when heated above flashpoint and/or during spraying or misting.

**Hazardous decomposition products:** No hazardous decomposition products known.

**11. TOXICOLOGICAL INFORMATION:** May cause slight irritation to the respiratory system, skin or eyes.

**12. ECOLOGICAL INFORMATION:** No dangerous components, ecological data not available.

**13. DISPOSAL CONSIDERATIONS:** Disposal of material as hazardous waste in accordance with local regulations. Packaging should be similarly disposed of or recycled if uncontaminated.

**14. TRANSPORT INFORMATION:** U.N. No 1950 IMDG - Aerosols, Class: 2

## 15. REGULATORY INFORMATION:

R12	Extremely Flammable.
R36	Irritating to eyes.
R66	Repeated exposure may cause skin dryness and cracking.
R67	Vapours may cause drowsiness and dizziness.
S16	Keep away from sources of ignition - NO SMOKING.
S2	Keep out of reach of children.
S23C	Do not breathe vapours or spray.
S36/37/39	Wear suitable protective clothing, gloves and eye/face protection.
S51	Use only in well ventilated areas.
S29/56/60/61	Do not empty into drains, dispose of material and container to hazardous or special waste collection point. Avoid release to the environment.
S46	If swallowed seek medical advice immediately and show this container label.
EEC Symbol	Xi: Irritant                      Fx: Extremely Flammable



## 16. OTHER INFORMATION:

*The data contained in this Safety Data Sheet has been supplied as required by the Chemical (Hazard Identification and Packaging) Regulations 1993, as amended, for the purpose of protecting the health and safety of industrial and commercial users who are deemed capable of understanding and acting on the information provided.*

**Please ensure that it is passed to the appropriate person(s) in your company, who are capable of acting on the information.** This information is given in good faith, being based on the latest knowledge available to Bond It. No known relevant information has been omitted from this Material Safety Data Sheet and the information provided is designed to enable the user to use the product safely. The user should not assume on the basis of the information provided in this sheet that the product is suitable for any abnormal use. If the information provided is insufficient to ensure safety in any particular application, contact Bond It for further advice before the proposed application is undertaken.

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