

**PPR INDUSTRIAL SERVICES  
SAFETY DATA SHEET**

**Drain Blitz CF**

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

**1.1. Product identifier**

Product Name: Drain Blitz CF

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

Use of substance / mixture: A solution of caustic alkali for cleaning of drains and pipes

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

Company Name: Chemicals for Pools Ltd  
UNIT 3 BOARSHURST LANE  
GREENFIELD, OLDHAM  
OL3 7ER  
0161 284 3164

**1.4. Emergency telephone number**

0161 284 3164

**Section 2: Hazards identification**

**2.1. Classification of the substance or mixture**

Classification under CLP: SkinCorr.1A: H314;Met.Corr.1: H290

**2.2. Label elements**

**Label Elements under CLP:**

Hazard statements: H290: May be corrosive to metals.  
H314: Causes severe skin burns and eye damage.

Signal word: Danger

Hazard pictograms:



Precautionary statements: P264: Wash skin thoroughly after handling. P280: Wear protective gloves/protective clothing/eye protection/face protection. P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P321: Specific treatment (see instructions on this label). P405: Store locked up. P501: Dispose of contents/container to contents/container comply with local regulations

**2.3. Other hazards**

PBT: This substance is not identified as a PBT substance

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

##### 3.2. Hazardous ingredients

Ingredients	EINECS	CAS	Reach Reg No.	CLP Class	Percent
SODIUM HYDROXIDE	215-185-5	1310-73-2	01- 2119457892- 27	Skin Corr. 1A ;	10-30%

Contains :

#### Section 4: First aid measures

##### 4.1. Description of first aid measures

- Skin contact:** Remove all contaminated clothes and footwear immediately unless stuck to skin. Drench the affected skin with running water for 10 minutes or longer if substance is still on skin. Transfer to hospital if there are burns or symptoms of poisoning.
- Eye contact:** Bathe the eye with running water for 15 minutes. Transfer to hospital for specialist examination.
- Ingestion:** Wash out mouth with water. Do not induce vomiting. Give 1 cup of water to drink every 10 minutes. If unconscious, check for breathing and apply artificial respiration if necessary. If unconscious and breathing is OK, place in the recovery position. Transfer to hospital as soon as possible.
- Inhalation:** Remove casualty from exposure ensuring one's own safety whilst doing so. If unconscious and breathing is OK, place in the recovery position. If conscious, ensure the casualty sits or lies down. If breathing becomes bubbly, have the casualty sit and provide oxygen if available. Transfer to hospital as soon as possible.

##### 4.2. Most important symptoms and effects, both acute and delayed

- Skin contact:** Blistering may occur. Progressive ulceration will occur if treatment is not immediate.
- Eye contact:** Corneal burns may occur. May cause permanent damage.
- Ingestion:** Corrosive burns may appear around the lips. Blood may be vomited. There may be bleeding from the mouth or nose.
- Inhalation:** There may be shortness of breath with a burning sensation in the throat. Exposure may cause coughing or wheezing.

#### Section 5: Fire-fighting measures

##### 5.1. Extinguishing media

**Extinguishing media:** Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.

##### 5.2. Special hazards arising from the substance or mixture

**Exposure hazards:** Corrosive. In combustion emits toxic fumes.

##### 5.3. Advice for fire-fighters

**Advice for fire-fighters:** Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

#### Section 6: Accidental release measures

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

**Personal precautions:** Notify the police and fire brigade immediately. If outside keep bystanders upwind and away from danger point. Mark out the contaminated area with signs and prevent access to unauthorised personnel. Do not attempt to take action without suitable protective clothing - see section 8 of SDS. Turn leaking containers leak-side up to prevent the escape of liquid.

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#### 6.2. Environmental precautions

Environmental precautions: Do not discharge into drains or rivers. Contain the spillage using bunding.

#### 6.3. Methods and material for containment and cleaning up

Clean-up procedures: Clean-up should be dealt with only by qualified personnel familiar with the specific substance. Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method.

#### 6.4. Reference to other sections

Reference to other sections: Refer to section 8 of SDS.

### Section 7: Handling and Storage

#### 7.1. Precautions for safe handling

Handling requirements: Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area. Do not handle in a confined space. Avoid the formation or spread of mists in the air.

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

Storage conditions: Store in a cool, well ventilated area.  
Keep container tightly closed.

Suitable packaging: Polyethylene. Polypropylene. Stainless steel. Unsuitable packaging: metals and alloys.

#### 7.3. Specific end use(s)

Specific end use(s): No data available.

### Section 8: Exposure controls/personal protection

#### 8.1. Control Parameters

Ingredients	State	Workplace exposure limits		Respirable dust	
		8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
SODIUM HYDROXIDE	FR	2 mg/m <sup>3</sup>		-	-
SODIUM HYDROXIDE	IR	-	2 mg/m <sup>3</sup>	-	-
SODIUM HYDROXIDE	UK	-	2 mg/m <sup>3</sup>	-	-

#### 8.1. DNEL/PNEC Values

DNEL / PNEC: No data available

#### 8.2. Exposure controls

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

Respiratory protection: Self-contained breathing apparatus must be available in case of emergency.

Hand protection: Impermeable gloves. Nitrile gloves.

Eye protection: Tightly fitting safety goggles. Ensure eye bath is to hand.

Skin protection: Impermeable protective clothing.

### Section 9: Physical and chemical properties

#### 9.1. Information on basic physical and chemical properties

State: Liquid

Solubility in water: Miscible in all proportions

Colour: Colourless

Relative density: 1.27

pH: 10-14

Odour: Odourless

Viscosity Test Method:

Boiling Point / Range:

Melting Point / Range:

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Vapour Press:

#### 9.2. Other information

Other information: No data available.

### Section 10: Stability and reactivity

#### 10.1. Reactivity

Reactivity: Stable under recommended transport or storage conditions.

#### 10.2. Chemical stability

Chemical Stability: Stable under normal conditions.

#### 10.3. Possibility of hazardous reactions

Hazardous reactions: Hazardous reactions will not occur under normal transport or storage conditions. Decomposition may occur on exposure to conditions or materials

#### 10.4. Conditions to avoid

Conditions to avoid: Heat. Very low temperatures.

#### 10.5. Incompatible materials

Materials to avoid: Strong acids. Soft metals (aluminium, zinc etc.)

#### 10.6. Hazardous decomposition products

Hazardous decomposition products: In combustion emits toxic fumes.

### Section 11: Toxicological information

#### 11.1. Information on toxicological effects

##### SODIUM HYDROXIDE

ORL	RBT	LDLO	500	mg/kg
IPR	MUS	LD50	40	mg/kg

#### Effects of mixture

Calculated

#### 11.2. Symptoms / routes of exposure

Skin contact: Blistering may occur. Progressive ulceration will occur if treatment is not immediate.

Eye contact: Corneal burns may occur. May cause permanent damage.

Ingestion: Corrosive burns may appear around the lips. Blood may be vomited. There may be bleeding from the mouth or nose.

Inhalation: There may be shortness of breath with a burning sensation in the throat. Exposure may cause coughing or wheezing.

### Section 12: Ecological information

#### 12.1. Toxicity

Ecotoxicity values: Not applicable

#### 12.2. Persistence and degradability

Persistence and degradability:

#### 12.3. Bioaccumulative potential

Bioaccumulative potential: No bioaccumulation potential.

#### 12.4. Mobility in soil

Mobility in solid: Soluble in water.

#### 12.5. Results of PBT and vPvB assessment

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PBT identification: This substance is not identified as a PBT substance

#### 12.6. Other adverse effects

Other adverse effects: Large amounts will affect the pH in water with risk of harm to aquatic organisms

### Section 13: Disposal considerations

#### 13.1. Waste treatment methods

Disposal operations: Transfer to a suitable container and arrange for collection by specialised disposal company.

Disposal of packaging: Return empty containers to the supplier for recycling. Damaged containers should be destroyed by cutting up or by incineration.  
Do not use for potable water.

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

### Section 14: Transport information

#### 14.1. UN Number

UN number: 1824

#### 14.2. UN Proper shipping name

Shipping name: SODIUM HYDROXIDE SOLUTION

#### 14.3. Transport hazard class(es)

Transport class: 8)

#### 14.4. Packing Group

Packing group: II

#### 14.6. Special precautions for user

Tunnel Code: E

Transport category: 2

### Section 15: Regulatory information

#### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

#### 15.2. Chemical Safety Assessment

Chemical safety assessment: A chemical safety assessment has not been carried out for the substance or the mixture by the supplier as use on site is variable. Risk assessment is supplemented by a site specific COSHH sheet.

### Section 16: Other information

Chemical safety assessment: This safety data sheet is prepared in accordance with Commission Regulation (EU) No 453/2010

Phrases used in s.2 and 3: H290: May be corrosive to metals.  
H314: Causes severe skin burns and eye damage.

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.