

# MATERIAL SAFETY DATA SHEET

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Revision 04

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## 1. PRODUCT IDENTIFICATION

<b>Trade Name</b>	Brunopel IWP
<b>Description</b>	Aqueous solution of a fatty acid soap for use in cement-based mixes.

## 2. HAZARDOUS INGREDIENTS

Component	%	Hazard Data (EEC Classification)
Potassium Hydroxide	< 2	Xi: CAS No.1310-58-3

## 3. HAZARD IDENTIFICATION

Irritating to eyes and skin.

## 6. HANDLING AND STORAGE

**Handling:** No special requirements

**Storage:** Store in a dry, frost free place away from sources of heat or sunlight.

## 4. EMERGENCY & FIRST AID

**Eyes:** Wash copiously with water or eye wash for up to 15 minutes. If symptoms persist, seek medical attention.

**Skin:** Remove contaminated clothing; wash thoroughly with soap and water.

**Inhalation:** Remove to fresh air.

**Ingestion:** Keep at rest.

## 7. EXPOSURE CONTROL/PERSONAL PROTECTION

**Engineering Measures:** Avoid excessive splashing when dosing gauging water or into cement mixer.

**Personal Protection:** Impervious gloves/gauntlets, coveralls.

**Eye Protection:** Face shield or safety glasses/goggles recommended at all times.

**Respiratory Protection:** Not normally required.

## 5. FIRE FIGHTING MEASURES

**Extinguishing Media:** Any

**Special Fire Fighting Procedures:** None

**Unusual Fire Hazards:** None

## 8. SPILL OR LEAK PROCEDURES

Soak up with absorbent medium and dispose of safely. Wash area with water (avoid drains/watercourses).

**9. PHYSICAL AND CHEMICAL PROPERTIES**

Appearance	Mobile red liquid	Odour	mild, soap
pH	Ca. 12	Boiling Point	Ca. 90°C
Melting Point	-	Flash Point	-
Flammability	Non-flammable	Autoignition Temp.	-
Oxidising Properties	-	Solubility in Water	Fully miscible
Relative Density	Ca.1.03	Vapour Pressure	-

**10. STABILITY AND REACTIVITY**

<b>Conditions to avoid:</b> Extremes of temperature
<b>Materials to avoid:</b> Acids
<b>Hazardous decomposition products:</b> None known

**11. TOXICOLOGICAL INFORMATION**

<b>Inhalation:</b> -
<b>Skin Contact:</b> Dilute Caustic Potash. May cause burns.
<b>Skin Absorption:</b> -
<b>Eye Contact:</b> May cause severe irritation
<b>Ingestion:</b> May cause irritation to gastro intestinal tract.
<b>Acute Overexposure:</b> -
<b>Chronic Overexposure</b> Repeated exposure may cause dermatitis.

**12. ECOLOGICAL INFORMATION**

Alkaline solution – may disturb pH of watercourses.
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**13. WASTE DISPOSAL**

Washed out packaging can be disposed as 'Controlled Waste' according to the Controlled Waste Regulations 1992.
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**14. TRANSPORT INFORMATION**

Not classified as hazardous for transport purposes.
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**15. REGULATORY INFORMATION**

No special regulations apply.
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**16. OTHER INFORMATION**

Wet cement mixes may cause burns. See: HSE EH/44 HSE MS24 CONIAC Hazard Sheet 26.
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