

**SAFETY DATA SHEET**  
BRIGHTWASH RINSE ADDITIVE

Page 1  
Issued: 02/11/2004  
Revision No: 1

**1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY / UNDERTAKING**

**Product name:** BRIGHTWASH RINSE ADDITIVE  
**Company name:** OPC SOLUTIONS LTD  
UNIT 3  
TROJAN BUSINESS CENTRE  
COBBOLD ROAD  
LONDON  
NW10 9ST  
0845 070 4535  
0845 070 4536

**2. COMPOSITION / INFORMATION ON INGREDIENTS**

**Hazardous ingredients:** ALCOHOL ALKOXYLATE #2 1-5%  
CAS: 69227-21-0  
[N] R50

- ALCOHOL ALKOXYLATE <1%  
[N] R50
- PROPAN-2-OL 1-5%  
EINECS: 200-661-7 CAS: 67-63-0  
[F] R11; [Xi] R36; [-] R67
- ETHYL LACTATE 1-5%  
EINECS: 202-598-0 CAS: 97-64-3  
[-] R10; [Xi] R37; [Xi] R41

**3. HAZARDS IDENTIFICATION**

**Main hazards:** No significant hazard.

**4. FIRST AID MEASURES (SYMPTOMS)**

**Skin contact:** There may be mild irritation at the site of contact.  
**Eye contact:** There may be irritation and redness.  
**Ingestion:** There may be irritation of the throat.  
**Inhalation:** No symptoms.

**4. FIRST AID MEASURES (ACTION)**

**Skin contact:** Wash immediately with plenty of soap and water.  
**Eye contact:** Bathe the eye with running water for 15 minutes.  
**Ingestion:** Wash out mouth with water.  
**Inhalation:** Consult a doctor.

[cont...]

**SAFETY DATA SHEET**  
BRIGHTWASH RINSE ADDITIVE**5. FIRE-FIGHTING MEASURES**

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

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

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

**6. ACCIDENTAL RELEASE MEASURES**

**Personal precautions:** Refer to section 8 of SDS for personal protection details. Turn leaking containers leak-side up to prevent the escape of liquid.

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

**Clean-up procedures:** Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method.

**7. HANDLING AND STORAGE**

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

**Suitable packaging:** Must only be kept in original packaging.

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

**Hazardous ingredients:** PROPAN-2-OL  
TWA (8 hr exposure limit): 999 mg/m<sup>3</sup> STEL (15 min exposure limit): 1250 mg/m<sup>3</sup> (OES)

**Respiratory protection:** Respiratory protection not required.

**Hand protection:** Protective gloves.

**Eye protection:** Safety glasses. Ensure eye bath is to hand.

**Skin protection:** Protective clothing.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**State:** Liquid

**Colour:** Blue

**Odour:** Characteristic odour

**Evaporation rate:** Negligible

**Oxidising:** Non-oxidising (by EC criteria)

**Solubility in water:** Highly soluble

**Viscosity:** Non-viscous

**Flash point°C:** >100 DEG C

**Relative density:** 1.0

**pH:** 3 - 4

**SAFETY DATA SHEET**  
BRIGHTWASH RINSE ADDITIVE

**10. STABILITY AND REACTIVITY**

**Stability:** Stable under normal conditions.

**Conditions to avoid:** Heat.

**Materials to avoid:** Strong oxidising agents. Strong acids.

**Haz. decomp. products:** In combustion emits toxic fumes.

**11. TOXICOLOGICAL INFORMATION**

**Hazardous ingredients:** ALCOHOL ALKOXYLATE #2

ORL RAT LD50 2.5 g/kg

- ALCOHOL ALKOXYLATE

ORL RAT LC50 >500 mg/kg

- PROPAN-2-OL

IVN RAT LD50 1088 mg/kg

ORL MUS LD50 3600 mg/kg

ORL RAT LD50 5045 mg/kg

SCU MUS LDLO 6 gm/kg

- ETHYL LACTATE

ORL MUS LD50 2500 mg/kg

ORL RAT LD50 8200 mg/kg

**Routes of exposure:** Refer to section 4 of SDS for routes of exposure and corresponding symptoms.

**12. ECOLOGICAL INFORMATION**

**Hazardous ingredients:** ALCOHOL ALKOXYLATE #2

DAPHNIA 48H EC50 0.69 mg/l

FISH RAINBOW TROUT 96H LC50 0.65 - 1 g/l

- ALCOHOL ALKOXYLATE

DAPHNIA 48H EC50 0.17 - 0.25 mg/l

FISH RAINBOW TROUT 96H LC50 0.61 - 0.75 mg/l

**Mobility:** Readily absorbed into soil.

**Persistence and degradability:** Biodegradable.

**Bioaccumulative potential:** No bioaccumulation potential.

**Other adverse effects:** Negligible ecotoxicity.

**13. DISPOSAL CONSIDERATIONS**

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

**14. TRANSPORT INFORMATION****ADR / RID**

**Shipping name:** (ALCOHOL ALKOXYLATE; PROPAN-2-OL; ORTHOPHOSPHORIC ACID...100%)

**IMDG / IMO****IATA / ICAO****15. REGULATORY INFORMATION**

**Hazard symbols:** No significant hazard.

**Note:** The regulatory information given above only indicates the principal regulations specifically applicable to the product described in the safety data sheet. The user's attention is drawn to the possible existence of additional provisions which complete these regulations. Refer to all applicable national, international and local regulations or provisions.

**16. OTHER INFORMATION**

**Risk phrases used in s.2:** R50: Very toxic to aquatic organisms.  
R11: Highly flammable.  
R36: Irritating to eyes.  
R67: Vapours may cause drowsiness and dizziness.  
R10: Flammable.  
R37: Irritating to respiratory system.  
R41: Risk of serious damage to eyes.

**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.