

SAFETY DATA SHEET
BRIGHTWASH BIO LAUNDRY LIQUID

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

Product name: BRIGHTWASH BIO LAUNDRY LIQUID

Use / description of product: This product is a heavy duty structured liquid detergent designed for OPL use This product contains anionic and non-ionic surfactants, phosphate, phosphonate, anti redeposition agents, optical brightening agents, foam control agents, complex multi enzymes, perfume and preservative.

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: ANIONIC SURFACTANTS 5-10%
[Xi] R38; [Xi] R41; [Xi] R36/38

- NON-IONIC SURFACTANTS 5-10%
[Xn] R22; [Xi] R36/38

3. HAZARDS IDENTIFICATION

Main hazards: Irritating to eyes and skin.

4. FIRST AID MEASURES (SYMPTOMS)

Skin contact: There may be irritation and redness at the site of contact.

Eye contact: There may be pain and redness. The eyes may water profusely. There may be severe pain. The vision may become blurred. May cause permanent damage.

Ingestion: There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur.

Inhalation: There may be irritation of the throat with a feeling of tightness in the chest.

4. FIRST AID MEASURES (ACTION)

Skin contact: Remove all contaminated clothes and footwear immediately unless stuck to skin. Wash immediately with plenty of soap and water.

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. If conscious, give half a litre of water to drink immediately. Consult a doctor.

Inhalation: Remove casualty from exposure ensuring one's own safety whilst doing so.

[cont...]

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: 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.

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

Handling requirements: Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area. Avoid the formation or spread of mists in the air.

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

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

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: Protective gloves.

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

Skin protection: Protective clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

State: Liquid

Colour: White

Odour: Characteristic odour

Evaporation rate: Negligible

Oxidising: Non-oxidising (by EC criteria)

Solubility in water: Highly soluble

Flash point°C: >100

Relative density: 1.17-1.19 at 20C

pH: 9-10

SAFETY DATA SHEET
BRIGHTWASH BIO LAUNDRY LIQUID

10. STABILITY AND REACTIVITY

Stability: Product must not be stored at temperatures below 5 degrees C or above 30 degrees C. Where product is to be pumped, use positive displacement pumps only.

Materials to avoid: Strong oxidising agents. Strong acids.

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

11. TOXICOLOGICAL INFORMATION

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

12. ECOLOGICAL INFORMATION

Hazardous ingredients: ANIONIC SURFACTANTS
ORL RAT LD50 >2000 mg/kg

- NON-IONIC SURFACTANTS
FISH RAINBOW TROUT 96H LC50 56 mg/l
ORL RAT LD50 2000 mg/kg

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: (ANIONIC SURFACTANTS; NON-IONIC SURFACTANTS)

IMDG / IMO

IATA / ICAO

15. REGULATORY INFORMATION

Hazard symbols: Irritant.



Risk phrases: R36/38: Irritating to eyes and skin.

Note: The regulatory information given above only indicates the principal regulations specifically

SAFETY DATA SHEET
BRIGHTWASH BIO LAUNDRY LIQUID

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: R38: Irritating to skin.

R41: Risk of serious damage to eyes.

R36/38: Irritating to eyes and skin.

R22: Harmful if swallowed.

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.