

PRODUCT DATA SHEET

1 IDENTIFICATION OF PREPARATION AND THE SUPPLIER

Trade Name: Hydrobreak
Supplier: Biosafe Solutions Ltd

2 HAZARDS IDENTIFICATION

Not Classified

3 INFORMATION ON INGREDIENTS

Product Description: A blend of acids, sugars, amine, water soluble solvent, surfactants and water.

Hazardous Ingredients:

Material or Component	CAS No	% Range	Symbol	Risk Phrases
Citric Acid	77-92-9	1-5	Xi	36
Alcohol Ethoxylate	68439-45-2	5-10	Xn	22/36/38
Mixed Amine	102-71-6	5-10	Xi	36/38
Lauryl Betaine	683-10-3	1-5	Xi	36/38/41
Secondary Alkane Sulphonate	85711-69-9	1-5	Xi	38/41

4 FIRST AID MEASURES

Eyes: Flush out eyes with plenty of water forcing eyelids open if necessary. Obtain immediate medical attention.

Skin: Remove contaminated clothing. Wash affected area with plenty of soap and water and obtain medical attention if irritation persists.

Inhalation: Remove to fresh air at once if affected. Obtain immediate medical attention if discomfort continues.

Ingestion: Rinse out mouth thoroughly. DO NOT induce vomiting. Give drinks of water or milk and obtain medical attention immediately. NEVER GIVE DRINKS OR INDUCE VOMITING IN AN UNCONSCIOUS PERSON.

5 FIRE FIGHTING MEASURES

Extinguishing Media: Not flammable. Use media best suited to surrounding fire.

Protective Equipment for Fire Fighting: Wear breathing apparatus.

Further Information: If it can be achieved safely remove container from fire area. Cool with water to disperse vapours.

6 ACCIDENTAL RELEASE MEASURES

Personal Precautions: Wear protective clothing. Avoid contact with skin, eyes and clothing.

Environmental Precautions: Do not allow to enter natural water courses. If this happens notify authorities.

Spillages: Wash small spillages away to the drain, contain large spillages in sand or earth, place in suitable container and DISPOSE OF IN ACCORDANCE WITH LOCAL REGULATIONS.

7 HANDLING AND STORAGE

Handling: Wear eye/skin protection. Wear rubber gloves for continuous hand use.

Storage: Store in a secure, dry place away from food at ambient temperatures. Do not allow to freeze.

8 PERSONAL PROTECTION/EXPOSURE CONTROLS

Take measures to prevent eye/skin contact and ingestion. Wear gloves, goggles or face shield.

INGREDIENT: CAS No: STD LT EXP. 8hrs ST EXP. 15mins

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance/Colour: Pale straw coloured liquid
Odour: Faint
pH Value: 5.5 +/- 0.5
Boiling Range (°C): 100
Melting Point (°C): N/A
Flash Point (°C): Boils without flashing
Auto Ignition Temp. (°C): N/A
Explosive Limits in Air: N/A
Vapour Pressure @20°C: No data
Relative Density @20°C: 1.042 +/- 0.05
Water Solubility: Soluble
Other Data:

10 STABILITY AND REACTIVITY

Conditions to Avoid: Extreme heat.
Materials to Avoid: Oxidising agents.
Hazardous Decomposition: Carbon Monoxide, carbon dioxide.

11 TOXICOLOGICAL INFORMATION

Eye Contact: Mildly irritant.
Skin Contact: Will defat the skin.
Ingestion: Mildly irritant.
Inhalation: N/A

12 ECOLOGICAL INFORMATION

Biodegradability: Fully biodegradable.
Toxicity: Non-toxic.
Effect on Effluent Treatment: Will assist effluent treatment.
Mobility: N/A
Secondary Alkane Sulphonate LC50: 8.4mg/L 96hr OECD 203

13 DISPOSAL CONSIDERATIONS

Product: Dispose of in accordance with Local Authority requirements. Dilute with plenty of water.
Packages: Dispose of in accordance with waste disposal regulations.

14 TRANSPORT INFORMATION

Classification for Transport: The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA,ADR/RID)

15 REGULATORY INFORMATION

EEC Classification: Not Classified
Risk Phrases: N/A
Safety Phrases: S2: Keep out of reach of children
S24/25 Avoid contact with skin and eyes.
S26: In case of contact with eyes, rinse immediately with plenty of water and seek immediate medical advice.
S36/37/39 Wear suitable protective clothing, gloves and eye/face protection.
S46: If swallowed, wash out mouth, then drink plenty of milk or water, and seek medical attention immediately, showing the container

16 OTHER INFORMATION

This data sheet was prepared in accordance with Directive 91/155/EEC.
Conforms to CHIP 3 (2002)
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