



HOSPITALITY
CARE HOMES
FOOD INDUSTRY
HEALTHCARE
LAUNDRY
LEISURE
AGRICULTURE

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1. **IDENTIFICATION OF PREPERATION AND THE SUPPLIER**

MSDS

Sheet: 1/2

Trade name: **BREAKTHRU** date of original: **02/05/2005**
Product description: **FULLY BUILT LAUNDRY DETERGENT FOR AUTODOSING EQUIPMENT** Revision No. **2**
Supplier: **AS ABOVE** Revision date: **07/02/2008**

2. **INFORMATION ON INGREDIENTS**

Hazardous Ingredients:

Material or Component (shown as neat/pure)

Material or Component (shown as neat/pure)	% Range	CAS	Class	Risk Phrase
Boraz	1-5	1303-96-4	-	
PEG-7 C13-15 Oxoalcohol	1-5	64425-86-1	Xn, Xi, N	22, 41, 50
Sodium Dodecyl Benzene Sulphonate	5-15	25155-30-0	Xn, Xi	22, 38, 41

3. **HAZARDS IDENTIFICATION**

Irritant Irritating to eyes.

4. **FIRST AID MEASURES**

Eyes: Immediately irrigate with eyewash solution or clean water, holding eyelids apart for at least 10 minutes. Obtain immediate medical attention.
Skin: Remove contaminated clothing. Wash off immediately with water. Obtain immediate medical attention if symptoms occur after washing.
Ingestion: Wash out mouth with water, then give plenty of milk or water to drink and obtain urgent medical attention, showing the label where possible. Never give anything by mouth to an unconscious person. Do not induce vomiting.

5. **FIRE FIGHTING MEASURES**

Extinguishing Media: Water spray
Not classified as flammable.
Protective Equipment for Fire Fighting: Full protective equipment.

6. **ACCIDENTAL RELEASE MEASURES**

Personal Precautions: Wear full protective clothing, impervious gloves and eye/face protection.
Environmental Precautions: Wash spillage area with plenty of water, Spillage's or uncontrolled discharges into water courses must be alerted to the relevant water authorities.
Spillages: Absorb with sand, earth or other suitable absorbent material. Transfer to a container for disposal according to local regulations.

7. **HANDLING & STORAGE**

Handling: Avoid contact with eyes and skin.
Storage: Store at ambient temperature in the original container, tightly closed. Keep in dry area

8. **PERSONAL PROTECTION / EXPOSURE CONTROLS**

Repiratory Protection: Use in a well ventilated area.
Eye Protection: Goggles or safety visor
Skin Protection: Impervious gloves, impervious apron.
Environmental protection: Do not allow large quantities to enter surface waters.

9. **PHYSICAL &CHEMICAL PROPERTIES**

Appearance / colour: Opaque blue liquid
Flash point: N/A
Odour: Perfume
Solubility: Miscible in water
pH: 7
Relative density: 1.2
Boiling point: 100°C

10. **STABILITY AND REACTIVITY**

Stability: Stable mixture
Conditions to avoid: Extremes of temperature.
Materials to avoid: No incompatible groups noted

11. TOXICOLOGICAL INFORMATION

Eye contact:	Irritating to eyes.
Skin contact:	Skin irritation not anticipated when used normally.
Ingestion:	May cause discomfort if swallowed.
Inhalation:	Unlikely in normal use.

12. ECOLOGICAL INFORMATION

Biodegradability:	This product will not harm biological sewage treatment works in normal use.
Ecotoxicity:	Environmental information currently available for the ingredients of this preparation indicates that it does not contain any ingredients currently classified as Dangerous for the Environment.
Aquatic toxicity:	May be dangerous to fish at high concentrations due to this being an unnatural aquatic environment, but not classified as being Toxic or Very Toxic to aquatic organisms.
Bio-Accumulation:	This product is not expected to bio-accumulate under normal use.

13. DISPOSAL

Product does not contain any prescribed substances under the Environmental Protection Act Regs (1991) but is classified as special waste under the Control of Substances (Special Waste) Regs 1996. Dispose of in accordance with all local and national regulations. For small quantities dilute with at least 100 parts of water and pour down waste water drain (foul sewer). Rinse out empty containers thoroughly and recycle if facilities exist or dispose of as commercial waste. For larger quantities contact a licensed waste contractor.

14. TRANSPORT INFORMATION

Conveyance label:
Class number;
Packing group:

U.N. number

15. REGULATORY INFORMATION

Hazardous symbol:



"Xi" Irritant.

Risk phrases:	R36	Irritating to eyes
Safety phrases:	S1/2	Keep locked up and out of reach of children
	S-26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice
	S36/37/39	Wear suitable protective clothing, gloves and eye/face protection,
	S-45	In case of accident or if you feel unwell, seek medical advice immediately (show label where possible)

16. OTHER INFORMATION