



# SHORROCK TRICHEM MATERIAL SAFETY DATA SHEET



## LA072A - NEW BREAK THRU

**1: Material Type** Heavy Duty Liquid Laundry Detergent

### 2: COMPOSITION

Substance	EC No.	CAS No.	% w.w	Classification
BORAX	215-540-4	1303-96-4	1-5%	-
PEG-7 C13-15 OXOALCOHOL		64425-86-1	1-5%	Xn; R22. Xi;R41. N;R50
SODIUM DODECYL BENZENE SULPHONATE		25155-30-0	5-15%	Xn;R22. Xi;R38,R41

### 3: HAZARD IDENTIFICATION

Irritating to eyes  
Classification Xi;R36

### 4: FIRST AID MEASURES

**INHALATION**  
Non-volatile liquid product

**INGESTION**  
NEVER MAKE AN UNCONSCIOUS PERSON VOMIT OR DRINK FLUIDS!  
Promptly get affected person to drink large volumes of water to dilute the swallowed chemical. Give milk instead of water if readily available. Get medical attention.

**SKIN**  
Remove contaminated clothing. Rinse immediately with plenty of water. Get medical attention promptly if symptoms occur after washing.

**EYES:**  
Promptly wash eyes with plenty of water while lifting the eye lids. Get medical attention immediately. Continue to rinse.

### 5: FIRE FIGHTING MEASURES

**EXTINGUISHING MEDIA**  
Use fire-extinguishing media appropriate for surrounding materials

**SPECIAL FIRE FIGHTING PROCEDURES**  
If risk of water pollution occurs, notify appropriate authorities. Keep run-off water out of sewers and water sources. Dike for water control.

### 6: ACCIDENTAL RELEASE MEASURES

**SPILL CLEAN UP METHODS**  
Absorb in vermiculite, dry sand or earth and place into containers. Flush spilled material into suitable retaining areas or container with large quantities of water. Inform Authorities if large amounts are involved.

### 7: HANDLING AND STORAGE

**USAGE PRECAUTIONS**  
Avoid spilling, skin and eye contact.

**STORAGE PRECAUTIONS**  
Keep above the chemicals freezing point to avoid rupturing the container. Keep containers tightly closed.

**STORAGE CLASS**  
Unspecified storage

### 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

**NAME: BORAX**  
Std: WEL  
LT-mg/m3: 5 mg/m3

**PROTECTIVE EQUIPMENT**



**ENGINEERING MEASURE**  
No particular ventilation requirements

**RESPIRATORY EQUIPMENT**  
No specific recommendations made but respiratory protection may still be required under exceptional circumstances when excessive air contamination exists.

**HAND PROTECTION**  
For prolonged or repeated skin contact use suitable protective gloves.

**EYE PROTECTION**  
Wear approved safety goggles

**OTHER PROTECTION**  
Wear appropriate clothing to prevent skin contact.

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## 9: PHYSICAL & CHEMICAL PROPERTIES

<b>Appearance:</b>	Opaque liquid
<b>Colour:</b>	Blue
<b>Odour:</b>	Perfume Scent
<b>pH:</b>	7 @ 1%
<b>Solubility in Water (kg/m<sup>3</sup>)</b>	Miscible with water
<b>Boiling Point (°C):</b>	> 100 760mm Hg
<b>Relative Density:</b>	1.20 @ 20°C
<b>Viscosity:</b>	500.00 cps @ 20°C
<b>Melting Point</b>	< 10

## 10: STABILITY & REACTIVITY

**STABILITY:**  
No particular stability concerns  
**MATERIALS to AVOID:**  
No incompatible groups noted.

## 11: TOXICOLOGICAL INFORMATION

**INGESTION**  
May cause discomfort if swallowed  
**SKIN CONTACT**  
Skin irritation is not anticipated when used normally  
**EYE CONTACT**  
Irritating to eyes  
**HEALTH WARNINGS**  
Repeated exposure may cause chronic eye irritation. Mild dermatitis, allergic skin rash.

## 12: ECOLOGICAL INFORMATION

**ECOTOXITY**  
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.

### DEGRADABILITY

The surfactant(s) contained in this preparation complies (comply) with the biodegradability criteria as laid down in regulation (EC) No 648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the member states and will be made available to them, at their direct request or at the request of a detergent manufacturer.

### ACUTE FISH 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.

### WATER HAZARD CLASSIFICATION

The surfactants contained in this preparation have been classified as biodegradable.

## 13: DISPOSAL CONSIDERATIONS


### DISPOSAL METHODS

Dispose of waste and residues in accordance with local authority requirements

## 14: TRANSPORT INFORMATION

Not classified as hazardous for transport

## 15: REGULATORY INFORMATION

	
<b>LABELLING</b>	
<b>RISK PHRASES:</b>	R36 Irritating to eyes, R22 Harmful if swallowed, R38 Irritating to skin, R41 Risk of serious damage to eyes, R50 Very toxic to aquatic organisms
<b>SAFETY PHRASES:</b>	S25 Avoid contact with eyes S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical attention
<b>DETERGENT LABELLING:</b>	15-30% Phosphates 5-15% Anionic surfactants < 5% Non-ionic Surfactants Perfumes, Optical Brighteners, Enzymes
<b>CONTAINS</b>	1,2 BENZOISOTHIAZOL-3(2H)-ONE, Butylphenyl Methylpropional, HEXYL CINNAMAL, Alpha-Isomethyl Lionone, BORIC ACID
<b>UK REGULATORY REFERENCE</b>	Health and Safety at Work Act 1974, CHIP 3 The Control of Substance Hazardous Regulations 1994

## 16: OTHER INFORMATION

### Disclaimer

The information contained in this document is intended to describe the product in terms of health, safety and environment requirements for the purpose of its safe handling, use and disposal and is to the best of our knowledge and belief correct, Customers must satisfy themselves (by appropriate testing if necessary) that the product is suitable for their purpose and conditions of use and that their facilities and arrangements are suitable for handling or using the product, this information or from such advice and assistance save as may be expressly agreed under its terms of sale

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Address: Chanters Industrial Estate

Revision Date: JUNE 12

Atherton, Manchester

Revision No: 02

M46 9SD

Material / Trade Name  
LA072-NEW Break Thru

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