

SECTION 1: Identification of the substance / mixture and of the company undertaking

1.1. Product identifier

Trade name	:BR1 BREAKTHRU	Date of original:	02/05/2005
Product code	:2001	Revision No.:	5
Product form	:Mixture	Revision date:	07/07/2015

1.2. Relevant identified uses of the substance or mixture and uses advised against

1.2.1. Relevant identified uses

Main use category	:Professional use
Industrial/Professional use spec.	:For professional use only
Use of substance/mixture	:On premise laundry detergent

1.2.2. Uses advised against

No additional information available

1.3 Details of the supplier of the safety data sheet

Trichem Scotland Ltd 36E Inchmuir Road, Whitehill Ind. Estate, Bathgate, EH48 2EP
t: 01506 634477 f: 01506 634488 e: sales@trichemscotland.co.uk

1.4. Emergency telephone number

Emergency number :Mon – Fri 9:00am – 5:00pm

SECTION 2: Hazards identification

2.1. Classification of the substance of mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Skin irritant 2	:H315
Eye Damage 2	:H318
Full text of H-phrases	:see section 16

2.2. Label elements

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP)



Single word (CLP)

:Danger

Hazard statements (CLP)

:H318 - Causes serious eye damage.

Precautionary statements (CLP)

:P264 - Wash hands thoroughly after handling
P280 - Wear eye protection
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+P313 - If eye irritation persists: Get medical advice/attention.

2.3. Other hazards

No additional information available

SECTION 3: Composition/information on ingredients

3.1. Substance

Not applicable

3.2. Mixture

Hazard ingredients	CAS number	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Sodium dodecyl-benzene-sulphonate	25155-30-0	10-20	Eye dam. 1 H318, Acute Tox. 4 H302, Skin Irrit. 2 H315
Alcohols, C13-15, Branched and Linier, Ethoxilated	157627-86-6	5-10	Eye dam. 1 H318, Aquatic Chronic 3 H412, Acute Tox. 4 H302
Alc0hols, C13-15, Branched and Linier, Ethoxilated	68131-39-5	5-10	Eye dam. 1 H318, Aquatic Chronic 3 H412, Acute Tox. 4 H302
Etidronic acid	2809-21-4	1-5	Eye dam. 1 H318, Met. Corr. 1 H290
Potassium hydroxide	1310-58-3	0.1-5	Eye dam. 1 H318, Acute Tox. 4 H302

Full text of H-phrases: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general	:Get medical advice/attention if you feel unwell.
First-aid measures after inhalation	:Remove person to fresh air and keep comfortable for breathing.
First-aid measures after skin contact	:Wash with plenty of soap and water.
First-aid measures after eye contact	:IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists. Get medical advice/attention.

First-aid measures after ingestion :Give nothing or a little water to drink. Get medical advice/attention if you feel unwell.

4.2. Most important symptoms and effects, both acute and delayed

Symptoms/injuries after inhalation :May cause respiratory irritation.

Symptoms/injuries after skin contact :Repeated exposure may cause dryness or cracking.

Symptoms/injuries after eye contact :Severe irritation, burning and tearing.

Symptoms/injuries after ingestion :May cause light irritation of the linings of the mouth, throat and gastrointestinal tract

4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media :Water, Carbon dioxide. Dry powder. Foam.

5.2. Special hazards arising from the substance or mixture

No additional information

5.3. Advice for firefighters

No additional information

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Emergency procedures :Evacuate unnecessary personnel.

6.1.2. For emergency responders

Protective equipment :Use personal protective equipment as required.

6.2. Environmental precautions

Avoid release to the environment

6.3. Methods and materials for containment and cleaning up

For containment :Collect spillage.

Methods for cleaning up :Soak up any spills with inert solids, such as clay or diatomaceous earth as soon as possible.

6.4. Reference to other sections

For further information refer to section 8. "Exposure controls/personal protection". For further information refer to section 13.

SECTION 7: Handling & storage

7.1. Precautions for safe handling

Precautions for safe handling :Avoid contact with eyes.

Hygiene measures :Do not eat, drink or smoke when using this product.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures :Does not require any specific or particular technical measures.

Storage conditions :Keep container closed when not in use.

Incompatible products :Oxidising agents. Strong acids. Strong bases. Anionic surfactants.

Special rules on packaging :Keep only in original container.

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

No additional information available

8.2. Exposure controls

Materials for protective clothing :Not required for normal conditions of use.

Hand protection :In case of repeated or prolonged contact wear gloves.

Eye protection :Safety glasses

Skin and body protection :Not required for normal conditions of use.

Respiratory protection :Not required for normal conditions of use.



SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	:Liquid	Decomposition temperature	:No data available
Appearance	:Semi viscous	Flammability (solid, gas)	:No data available
Colour	:Blue / Green	Vapour pressure	:No data available
Odour	:Odourless	Relative vapour density @20°C	:No data available
Odour threshold	:No data available	Relative density	:1.2
pH	:8.0	Solubility	:Water
Relative evaporation rate	:No data available	Log pow	:No data available
Melting point	:No data available	Viscosity, kinematic	:No data available
Freezing point	:No data available	Viscosity, dynamic	:No data available
Boiling point	:No data available	Explosive properties	:No data available
Flash point	:No data available	Oxidising properties	:No data available
Auto-ignition temperature	:No data available	Explosive limits	:No data available

9.2. Other properties

No additional information available

SECTION 10. Stability and reactivity

10.1. Reactivity

No additional information available

10.2. Chemical stability

Stable under normal conditions

10.3. Possibility of hazardous reactions

No additional information available

10.4. Conditions to avoid

No additional information available

10.5. Incompatible materials

No additional information available

10.6. Hazardous decomposition products

No additional information available

SECTION 11: Ecological information

11.1. Information on toxicological effects

Acute toxicity	:Not classified
Skin corrosion/irritation	:Causes skin irritation :pH 8.0
Serious eye damage/irritation	:Causes serious eye damage :pH 8.0
Respiratory or skin sensitisation	:Not classified
Germ cell mutagenicity	:Not classified
Carcinogenicity	:Not classified
Reproductive toxicity	:Not classified
Specific target organ toxicity (single exposure)	:Not classified
Specific target organ toxicity (repeated exposure)	:Not classified
Aspiration hazard	:Not classified

SECTION 12: Ecological information

12.1. Toxicity

Aquatic invertebrates	:Not classified
Fish	:Low toxicity to fish.
Algae	:Low toxicity to algae.

12.2. Persistence and degradability

No additional information available

12.3. Bioaccumulative potential

No additional information available

12.4. Mobility in soil

No additional information available

12.5. Results of PBT and vPvB assessment

No additional information available

12.6. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Small amounts (less than 5 litres) of unwanted product may be flushed with water to sewer. Larger volumes must be sent for disposal to an approved waste contractor. Rinse out empty container with water and consign to normal waste.

SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN

14.1. UN number

Not regulated for transport

14.2. UN proper shipping name

Proper shipping name (ADR)	:Corrosive liquid, N.O.S.
Proper shipping name (IMDG)	:Corrosive liquid, N.O.S.
Proper shipping name (IATA)	:Corrosive liquid, N.O.S.

14.3. Transport hazard class(es)

ARD

Transport hazard class(es) (ADR) :Not applicable

IMDG

Transport hazard class(es) (IMDG) :Not applicable

IATA

Transport hazard class(es) (IATA) :Not applicable

14.4. Packing group

Packing group (ADR) :Not applicable
Packing group (IMDG) :Not applicable
Packing group (IATA) :Not applicable

14.5 Environmental hazards

Dangerous to the environment :No
Marine pollutant :No
Other information :No supplementary information available

14.6. Special precautions for user

Overland transport :No data available
Transport by sea :No data available
Air transport :No data available

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not Applicable

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance of mixture

15.1.1. EU-Regulation

Contains no substances with annex XVII restrictions
Contains no substances on the REACH candidate list
Contains no REACH Annex XIV substances

15.2. Chemical safety assessment

No chemical safety assessment has been carried out as not applicable as this product is a mixture.

SECTION 16: Other information

The Risk Phrases / Hazard Statements listed below in this Section No 16 relate to the Raw Materials (Ingredients) in the Product (as listed in Section 3) and NOT the product itself. For the Risk Phrases / Hazard Statements relating to this Product see Section 2.

Full text of R-, H- and EUH-phrases

H302	Harmful if swallowed
H318	Causes serious eye damage
H315	Causes skin irritation
H412	Harmful to aquatic life with long lasting effects

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.