



## SAFETY DATA SHEET

### BACTERICIDAL DETERGENT

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Compilation date: 23/03/2015

Revision No: 1

#### Section 1: Identification of the substance/mixture and of the company/undertaking

##### 1.1. Product identifier

**Product name:** BACTERICIDAL DETERGENT

**Product code:** BD001

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

**Use of substance / mixture:** PC35: Washing and cleaning products (including solvent based products).

##### 1.3. Details of the supplier of the safety data sheet

**Company name:** Talbot Chemicals Ltd  
Telford Drive  
Brunel Drive Ind  
Newark  
Nottinghamshire  
Ng24 2FA

**Tel:** +44 (0)1636 611707

**Fax:** +44 (0)1636 611708

**Email:** sales@talbotchemicals.co.uk

##### 1.4. Emergency telephone number

**Emergency tel:** +44 (0)1636 611707  
(Office Hours)

#### Section 2: Hazards identification

##### 2.1. Classification of the substance or mixture

**Classification under CHIP:** -: R52/53

**Classification under CLP:** Aquatic Chronic 3: H412; Eye Irrit. 2: H319

**Most important adverse effects:** Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

##### 2.2. Label elements

**Label elements under CLP:**

**Hazard statements:** H319: Causes serious eye irritation.

H412: Harmful to aquatic life with long lasting effects.

**Signal words:** Warning

**Hazard pictograms:** GHS07: Exclamation mark



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**Precautionary statements:** P264: Wash hands thoroughly after handling.  
P273: Avoid release to the environment.  
P280: Wear eye protection.  
P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P337+313: If eye irritation persists: Get medical advice.  
P501: Dispose of to.

### Label elements under CHIP:

**Hazard symbols:** Symbol not required.

**Risk phrases:** R52/53: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

### 2.3. Other hazards

**PBT:** This product is not identified as a PBT/vPvB substance.

## Section 3: Composition/information on ingredients

### 3.2. Mixtures

#### Hazardous ingredients:

ALCOHOLS, C12-14, ETHOXYLATED, SULFATES, SODIUM SALTS - REACH registered number(s): 01-2119488639-16

EINECS	CAS	CHIP Classification	CLP Classification	Percent
500-234-8	68891-38-3	Xi: R38; Xi: R41	Eye Dam. 1: H318; Skin Irrit. 2: H315	1-10%

AMIDES, C8-C18(EVEN NUMBERED) AND C18(UNSATD.), N,N-BIS(HYDROXYETHYL) - REACH registered number(s): 01-2119490100-53

931-329-6	-	Xi: R36/38	Skin Irrit. 2: H315; Eye Irrit. 2: H319	1-10%
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#### TRICLOSAN

222-182-2	3380-34-5	Xi: R36/38; N: R50/53	Eye Irrit. 2: H319; Skin Irrit. 2: H315; Aquatic Chronic 1: H410; Aquatic Acute 1: H400	<1%
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## Section 4: First aid measures

### 4.1. Description of first aid measures

**Skin contact:** Wash immediately with plenty of soap and water.

**Eye contact:** Bathe the eye with running water for 15 minutes.

**Ingestion:** Wash out mouth with water.

**Inhalation:** Consult a doctor.

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

**Skin contact:** There may be mild irritation at the site of contact.

**Eye contact:** There may be irritation and redness.

[cont...]

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**Ingestion:** There may be irritation of the throat.

**Inhalation:** No symptoms.

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

**Immediate / special treatment:** Not applicable.

**Section 5: Fire-fighting measures**

**5.1. Extinguishing media**

**Extinguishing media:** Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.

**5.2. Special hazards arising from the substance or mixture**

**Exposure hazards:** In combustion emits toxic fumes.

**5.3. Advice for fire-fighters**

**Advice for fire-fighters:** Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

**Section 6: Accidental release measures**

**6.1. Personal precautions, protective equipment and emergency procedures**

**Personal precautions:** Refer to section 8 of SDS for personal protection details. Turn leaking containers leak-side up to prevent the escape of liquid.

**6.2. Environmental precautions**

**Environmental precautions:** Do not discharge into drains or rivers. Contain the spillage using bunding.

**6.3. Methods and material for containment and cleaning up**

**Clean-up procedures:** Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method.

**6.4. Reference to other sections**

**Reference to other sections:** Refer to section 8 of SDS.

**Section 7: Handling and storage**

**7.1. Precautions for safe handling**

**Handling requirements:** Safe to use with common sense precautions

**7.2. Conditions for safe storage, including any incompatibilities**

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

**7.3. Specific end use(s)**

**Specific end use(s):** No data available.

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## Section 8: Exposure controls/personal protection

### 8.1. Control parameters

**Workplace exposure limits:** No data available.

### DNEL/PNEC Values

**Hazardous ingredients:**

#### AMIDES, C8-C18(EVEN NUMBERED) AND C18(UNSATD.), N,N-BIS(HYDROXYETHYL)

Type	Exposure	Value	Population	Effect
DNEL	Dermal	4.16 mg/kg/day	Workers	Systemic
DNEL	Inhalation	73.4 mg/m3	Workers	Systemic
DNEL	Dermal	2.5 mg/kg/day	Consumers	Systemic
DNEL	Inhalation	21.73 mg/m3	Consumers	Systemic
DNEL	Oral	6.25 mg/kg/day	Consumers	Systemic
PNEC	Fresh water	0.007 mg/l	-	-
PNEC	Marine water	0.0007 mg/l	-	-
PNEC	Marine sediments	0.0424 mg/kg	-	-
PNEC	Soil (agricultural)	0.0189	-	-

### 8.2. Exposure controls

**Respiratory protection:** Respiratory protection not required.

**Hand protection:** Protective gloves.

**Eye protection:** Safety glasses. Ensure eye bath is to hand.

**Skin protection:** Protective clothing.

## Section 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

**State:** Liquid

**Colour:** Green

**Odour:** Odourless

**Viscosity:** Non-viscous

**Boiling point/range°C:** >35

**Flash point°C:** >93

**pH:** Approx. 7

### 9.2. Other information

**Other information:** No data available.

## Section 10: Stability and reactivity

### 10.1. Reactivity

**Reactivity:** Stable under recommended transport or storage conditions.

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### 10.2. Chemical stability

**Chemical stability:** Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

**Hazardous reactions:** Hazardous reactions will not occur under normal transport or storage conditions.  
Decomposition may occur on exposure to conditions or materials listed below.

### 10.4. Conditions to avoid

**Conditions to avoid:** Heat.

### 10.5. Incompatible materials

**Materials to avoid:** Strong oxidising agents. Strong acids.

### 10.6. Hazardous decomposition products

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

## Section 11: Toxicological information

### 11.1. Information on toxicological effects

**Hazardous ingredients:**

**AMIDES, C8-C18(EVEN NUMBERED) AND C18(UNSATD.), N,N-BIS(HYDROXYETHYL)**

DERMAL	RBT	LD50	>2000	mg/kg
ORAL	RAT	LD50	>5000	mg/kg

**Toxicity values:** No data available.

### Symptoms / routes of exposure

**Skin contact:** There may be mild irritation at the site of contact.

**Eye contact:** There may be irritation and redness.

**Ingestion:** There may be irritation of the throat.

**Inhalation:** No symptoms.

## Section 12: Ecological information

### 12.1. Toxicity

**Hazardous ingredients:**

**AMIDES, C8-C18(EVEN NUMBERED) AND C18(UNSATD.), N,N-BIS(HYDROXYETHYL)**

Daphnia magna	48H EC50	3.2	mg/l
FISH	96H LC50	2.4	mg/l

### 12.2. Persistence and degradability

**Persistence and degradability:** Biodegradable.

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### 12.3. Bioaccumulative potential

**Bioaccumulative potential:** No bioaccumulation potential.

### 12.4. Mobility in soil

**Mobility:** Readily absorbed into soil.

### 12.5. Results of PBT and vPvB assessment

**PBT identification:** This product is not identified as a PBT/vPvB substance.

### 12.6. Other adverse effects

**Other adverse effects:** Negligible ecotoxicity.

## Section 13: Disposal considerations

### 13.1. Waste treatment methods

**Disposal operations:** Dispose of waste and residues in accordance with local authority requirements.

**Disposal of packaging:** Dispose of as normal industrial waste.

**NB:** The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

## Section 14: Transport information

**Transport class:** This product does not require a classification for transport.

## Section 15: Regulatory information

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

### 15.2. Chemical Safety Assessment

## Section 16: Other information

### Other information

**Other information:** This safety data sheet is prepared in accordance with Commission Regulation (EU) No 453/2010.

\* indicates text in the SDS which has changed since the last revision.

**Phrases used in s.2 and s.3:** H315: Causes skin irritation.

H318: Causes serious eye damage.

H319: Causes serious eye irritation.

H410: Very toxic to aquatic life with long lasting effects.

H412: Harmful to aquatic life with long lasting effects.

R36/38: Irritating to eyes and skin.

R38: Irritating to skin.

R41: Risk of serious damage to eyes.

R50/53: Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

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R52/53: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

**Legend to abbreviations:** PNEC = predicted no effect level  
DNEL = derived no effect level  
LD50 = median lethal dose  
LC50 = median lethal concentration  
EC50 = median effective concentration  
IC50 = median inhibitory concentration  
dw = dry weight  
bw = body weight  
cc = closed cup  
oc = open cup  
MUS = mouse  
GPG = guinea pig  
RBT = rabbit  
HAM = hamster  
HMN = human  
MAM = mammal  
PGN = pigeon  
IVN = intravenous  
SCU = subcutaneous  
SKN = skin  
DRM = dermal  
OCC = ocular  
PCP = physico-chemical properties

**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.