

## SAFETY DATA SHEET

### ARCO ESSENTIALS THICKENED BLEACH

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Compilation date: 01/03/2017

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Revision No: 3

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

##### 1.1. Product identifier

**Product name:** ARCO ESSENTIALS THICKENED BLEACH

**Product code:** 5540013/5540014

##### 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). A disinfectant to kill germs of all types, also destroying stains and odours. NOT to be used with acids.

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

**Company name:** ARCO LTD

P.O. Box 21

1 Blackfriargate

HULL

East Yorkshire

HU1 2BH

**Tel:** 01482 222522

**Fax:** 01482 218536

**Email:** [sales@arco.co.uk](mailto:sales@arco.co.uk)

##### 1.4. Emergency telephone number

**Emergency tel:** 01482 320432

(office hours only)

**Manufacturer:** Multex Chemicals Ltd.

Multex House

Cannon Street

HULL

East Yorkshire

HU2 OAB

**Tel:** 01482 320432

**Fax:** 01482 321777

**Email:** [sales@multexchemicals.co.uk](mailto:sales@multexchemicals.co.uk)

#### Section 2: Hazards identification

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

**Classification under CLP:** Aquatic Acute 1: H400; Eye Dam. 1: H318; Skin Irrit. 2: H315; -: EUH031

**Most important adverse effects:** Contact with acids liberates toxic gas. Causes skin irritation. Causes serious eye damage. Very toxic to aquatic life.

[cont...]

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### 2.2. Label elements

#### Label elements:

**Hazard statements:** EUH031: Contact with acids liberates toxic gas.

H315: Causes skin irritation.

H318: Causes serious eye damage.

H400: Very toxic to aquatic life.

**Hazard pictograms:** GHS05: Corrosion

GHS09: Environmental



**Signal words:** Danger

**Precautionary statements:** P280: Wear protective gloves/protective clothing/eye protection.

P302+P352: IF ON SKIN: Wash with plenty of water.

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P310: Immediately call POISON CENTER/doctor.

P321: Specific treatment (see instructions on this label)

P362+P364: Take off contaminated clothing and wash it before reuse.

### 2.3. Other hazards

**Other hazards:** Handle with care. Avoid spillages. May damage many common materials-  
Fabrics/textiles/plastics/lino.

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

## Section 3: Composition/information on ingredients

### 3.2. Mixtures

#### Hazardous ingredients:

SODIUM HYPOCHLORITE SOLUTION...CL ACTIVE - REACH registered number(s): 01-2119488154-34-XXXX

EINECS	CAS	PBT / WEL	CLP Classification	Percent
231-668-3	7681-52-9	-	Skin Corr. 1B: H314; Aquatic Acute 1: H400; -: EUH031	4.500%

ALKYLDIMETHYL (C12-C14) AMINE OXIDE - REACH registered number(s): 01-21199490061-47-XXXX

EINECS	CAS	PBT / WEL	CLP Classification	Percent
931-292-6	308062-28-4	-	Skin Irrit. 2: H315; Eye Dam. 1: H318; Aquatic Chronic 2: H411; Acute Tox. 4: H302; Aquatic Acute 1: H400	1.200%

[cont...]

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SODIUM HYDROXIDE - REACH registered number(s): 01-2119457892-27

215-185-5	1310-73-2	-	Skin Corr. 1A: H314	0.960%
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### Section 4: First aid measures

#### 4.1. Description of first aid measures

**Skin contact:** Remove all contaminated clothes and footwear immediately unless stuck to skin. Wash immediately with plenty of soap and water.

**Eye contact:** Bathe the eye with running water for 15 minutes. Transfer to hospital for specialist examination.

**Ingestion:** Wash out mouth with water. Do not induce vomiting. If conscious, give half a litre of water to drink immediately. Consult a doctor.

**Inhalation:** Remove casualty from exposure ensuring one's own safety whilst doing so.

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

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

**Eye contact:** There may be pain and redness. The eyes may water profusely. There may be severe pain. The vision may become blurred. May cause permanent damage.

**Ingestion:** There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur.

**Inhalation:** There may be irritation of the throat with a feeling of tightness in the chest.

**Delayed / immediate effects:** Immediate effects can be expected after short-term exposure.

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

**Immediate / special treatment:** Eye bathing equipment should be available on the premises.

### 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:** Mark out the contaminated area with signs and prevent access to unauthorised personnel. Do not attempt to take action without suitable protective clothing - see section 8 of SDS. Turn leaking containers leak-side up to prevent the escape of liquid.

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### 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:** Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area.  
Avoid the formation or spread of mists in the air.

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

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

**Suitable packaging:** Must only be kept in original packaging.

### 7.3. Specific end use(s)

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

## Section 8: Exposure controls/personal protection

### 8.1. Control parameters

**Hazardous ingredients:**

**SODIUM HYDROXIDE**

**Workplace exposure limits:**

**Respirable dust**

State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
UK	-	2 mg/m3	-	-

### DNEL/PNEC Values

**Hazardous ingredients:**

**ALKYLDIMETHYL (C12-C14) AMINE OXIDE**

Type	Exposure	Value	Population	Effect
DNEL	Dermal	11mg/kg/day	Workers	Systemic
PNEC	Fresh water	0.0335 mg/l	-	-
PNEC	Fresh water sediments	5.24 mg/kg	-	-

### 8.2. Exposure controls

**Engineering measures:** Ensure there is sufficient ventilation of the area.

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- Respiratory protection:** Self-contained breathing apparatus must be available in case of emergency.
- Hand protection:** Protective gloves.
- Eye protection:** Tightly fitting safety goggles. Ensure eye bath is to hand.
- Skin protection:** Protective clothing.
- Environmental:** Ensure all engineering measures mentioned in section 7 of SDS are in place.

### Section 9: Physical and chemical properties

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

- State:** Liquid
- Colour:** Pale yellow-green
- Odour:** Characteristic odour
- Oxidising:** Oxidising (by EC criteria)
- Solubility in water:** Soluble
- Viscosity:** Viscous
- Boiling point/range°C:** >100
- Flash point°C:** Not applicable
- Relative density:** about 1.1
- pH:** >11

#### 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.

#### 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

[cont...]

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**Hazardous ingredients:**

**SODIUM HYPOCHLORITE SOLUTION...CL ACTIVE**

ORL	MUS	LD50	5800	mg/kg
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**ALKYLDIMETHYL (C12-C14) AMINE OXIDE**

ORAL	RAT	LD50	1064	mg/kg
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**SODIUM HYDROXIDE**

IPR	MUS	LD50	40	mg/kg
ORL	RBT	LD50	325	mg/kg

**Relevant hazards for product:**

Hazard	Route	Basis
Skin corrosion/irritation	DRM	Hazardous: calculated
Serious eye damage/irritation	OPT	Hazardous: calculated

**Symptoms / routes of exposure**

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

**Eye contact:** There may be pain and redness. The eyes may water profusely. There may be severe pain. The vision may become blurred. May cause permanent damage.

**Ingestion:** There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur.

**Inhalation:** There may be irritation of the throat with a feeling of tightness in the chest.

**Delayed / immediate effects:** Immediate effects can be expected after short-term exposure.

**Section 12: Ecological information**

**12.1. Toxicity**

**Hazardous ingredients:**

**SODIUM HYPOCHLORITE SOLUTION...CL ACTIVE**

FISH	96H LC50	0.06	ml/l
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**ALKYLDIMETHYL (C12-C14) AMINE OXIDE**

Daphnia magna	48H EC50	3.1	mg/l
FISH	96H LC50	2.68	mg/l

[cont...]

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**SODIUM HYDROXIDE**

Daphnia magna	48H EC50	40-240	mg/l
FISH	96H LC50	33-189	mg/l

**12.2. Persistence and degradability**

**Persistence and degradability:** Biodegradable.

**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:** Transfer to a suitable container and arrange for collection by specialised disposal company.

**Disposal of packaging:** Clean with water. Dispose of as normal industrial waste. Packaging is recyclable.

**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**

**Specific regulations:** Not applicable.

**15.2. Chemical Safety Assessment**

**Chemical safety assessment:** A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

**Section 16: Other information**

**Other information**

**Other information:** This safety data sheet is prepared in accordance with Commission Regulation (EU) No 2015/830.

\*\*Section 8.1 and 11.1 values relate to 15% available Chlorine.

[cont...]

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**Phrases used in s.2 and s.3:** EUH031: Contact with acids liberates toxic gas.  
H302: Harmful if swallowed.  
H314: Causes severe skin burns and eye damage.  
H315: Causes skin irritation.  
H318: Causes serious eye damage.  
H400: Very toxic to aquatic life.  
H411: Toxic to aquatic life with long lasting effects.

**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.



