

## SAFETY DATA SHEET

### ARCO ESSENTIALS LIQUID DETERGENT

Page: 1

Compilation date: 22/03/2012

Revision date: 03/07/2025

Revision No: 4

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

##### 1.1. Product identifier

**Product name:** ARCO ESSENTIALS LIQUID DETERGENT

**CAS number:** BLEND

**Product code:** 5540005

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

**Use of substance / mixture:** Detergent for dish washing and general cleaning uses. No significant hazard once diluted in accordance with label instructions.

##### 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

# SAFETY DATA SHEET

## ARCO ESSENTIALS LIQUID DETERGENT

Page: 2

### 2.1. Classification of the substance or mixture

**Classification under CLP:** Eye Irrit. 2: H319

**Most important adverse effects:** Causes serious eye irritation.

### 2.2. Label elements

**Label elements:**

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

**Hazard pictograms:** GHS07: Exclamation mark



**Signal words:** Warning

**Precautionary statements:** P280: Wear protective gloves/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

**Other hazards:** No significant hazards apply once diluted in accordance with label instructions.

Repeated exposure may cause skin dryness or cracking.

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

## Section 3: Composition/information on ingredients

### 3.2. Mixtures

**Hazardous ingredients:**

SODIUM ALKYL BENZENE SULPHONATE

EINECS	CAS	PBT / WEL	CLP Classification	Percent
285-600-2	85117-50-6	-	Acute Tox. 4: H302; Skin Irrit. 2: H315; Eye Dam. 1: H318	5.880%

SODIUM C10-C16 ALKYL ETHOXY SULPHATE - REACH registered number(s): 01-2119488639-16-XXXX

-	68585-34-2	-	Skin Irrit. 2: H315; Eye Dam. 1: H318; Aquatic Chronic 3: H412	1.971%
---	------------	---	--	--------

**Contains:** Anionic surfactants 5 to 10%

Nonionic surfactant

Fragrance.

## 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.

[cont...]

# SAFETY DATA SHEET

## ARCO ESSENTIALS LIQUID DETERGENT

Page: 3

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

**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:** Not applicable.

### 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:** No symptoms.

**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:** 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:** Mop up spillage. Wash down the drain with large amounts of water. Rinse residues away to foul water drain only.

### 6.4. Reference to other sections

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

[cont...]

**SAFETY DATA SHEET**  
ARCO ESSENTIALS LIQUID DETERGENT

Page: 4

## Section 7: Handling and storage

### 7.1. Precautions for safe handling

**Handling requirements:** Avoid direct contact with the substance.

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

**Storage conditions:** Store in a cool, dark place. Keep container tightly closed.

**Suitable packaging:** Polyethylene.

### 7.3. Specific end use(s)

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

## Section 8: Exposure controls/personal protection

### 8.1. Control parameters

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

### DNEL/PNEC Values

**DNEL / PNEC** No data available.

### 8.2. Exposure controls

**Engineering measures:** Not applicable.

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

**Hand protection:** Protective gloves. Gloves are recommended to prevent dry skin, as the detergents remove the natural oils.

**Eye protection:** Safety glasses with side-shields. If there is a danger of splashes, wear goggles. 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:** Sweet lemon.

**Oxidising:** Non-oxidising (by EC criteria)

**Solubility in water:** Miscible in all proportions

**Viscosity:** Viscous

**Boiling point/range°C:** 100

**Flash point°C:** Not applicable.

**Relative density:** 1.02

**pH:** Neutral

### 9.2. Other information

**Other information:** No data available.

[cont...]

**SAFETY DATA SHEET**  
ARCO ESSENTIALS LIQUID DETERGENT

Page: 5

**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. Direct sunlight.

**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:**

**SODIUM C10-C16 ALKYL ETHOXY SULPHATE**

ORAL	RBT	LD50	>2000	mg/kg
------	-----	------	-------	-------

**Relevant hazards for product:**

Hazard	Route	Basis
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:** No symptoms.

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

**Section 12: Ecological information**

[cont...]

**SAFETY DATA SHEET**  
ARCO ESSENTIALS LIQUID DETERGENT

Page: 6

**12.1. Toxicity**

**Hazardous ingredients:**

**SODIUM C10-C16 ALKYL ETHOXY SULPHATE**

Daphnia magna	48H EC50	1-10	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:** Used or surplus material may be discharged to a sewage drain with large volumes of water.

**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**

**Section 16: Other information**

**Other information**

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

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

[cont...]

**SAFETY DATA SHEET**  
ARCO ESSENTIALS LIQUID DETERGENT

**Page:** 7

**Phrases used in s.2 and s.3:** H302: Harmful if swallowed.  
H315: Causes skin irritation.  
H318: Causes serious eye damage.  
H319: Causes serious eye irritation.  
H412: Harmful 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.

