

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

Waverley Street

HULL

East Yorkshire

HU1 2SJ

Tel: 01482 222522

Fax: 01482 218536

Email: sales@arco.co.uk

1.4. Emergency telephone number

Emergency tel: 01482 320432

(office hours only)

Section 2: Hazards identification

2.1. Classification of the substance or mixture

Classification under CLP: Eye Dam. 1: H318; Skin Irrit. 2: H315; Aquatic Acute 1: H400; -: EUH206

Most important adverse effects: Causes skin irritation. Causes serious eye damage. Warning! Do not use together with other products. May release dangerous gases (chlorine).

2.2. Label elements

Label elements:

Hazard statements: H315: Causes skin irritation.

H318: Causes serious eye damage.

EUH206: Warning! Do not use together with other products. May release dangerous gases (chlorine).

Hazard pictograms: GHS05: Corrosion



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Signal words: Danger

Precautionary statements: P280: Wear protective gloves/protective clothing/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.
P315: Get immediate medical attention.
P302+352: IF ON SKIN: Wash with plenty of water/soap.
P332+313: If skin irritation occurs: Get medical advice/attention.
P301+330+331: IF SWALLOWED: rinse mouth. Do NOT induce vomiting.
P310: Immediately call a POISON CENTER/doctor.
P401: Store upright, in a cool, dark place.
P264: Wash contaminated skin thoroughly after handling.

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	1-10%

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

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	1-10%
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SODIUM HYDROXIDE - REACH registered number(s): 01-2119457892-27

215-185-5	1310-73-2	-	Skin Corr. 1A: H314	<1%
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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. If irritation persists seek medical advice.

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.

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Inhalation: Remove casualty from exposure ensuring one's own safety whilst doing so. If recovery is not rapid and complete, seek medical advice.

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.

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: Turn leaking containers leak-side up to prevent the escape of liquid. Refer to section 8 of SDS for personal protection details. Remove all incompatible materials as outlined in section 10 of SDS.

6.2. Environmental precautions

Environmental precautions: Do not discharge into drains or rivers. Contain the spillage using bunding. Discharge to a foul water drain only.

6.3. Methods and material for containment and cleaning up

Clean-up procedures: Avoid all incompatible materials in clean-up procedure - see section 10 of SDS. Wash the spillage site with large amounts of water. Rinse residues away to foul water drain only. For large spillages Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method.

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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: Always handle with care. Avoid the formation or spread of mists in the air. Ensure there is sufficient ventilation of the area. Avoid direct contact with the substance. Avoid contact with clothing- may cause permanent damage. AVOID contact AT ALL TIMES with acids or other cleaning products.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in a cool, well ventilated area. Store container upright. Keep container tightly closed. Keep away from direct sunlight. Avoid incompatible materials and conditions - see section 10 of SDS.

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

DNEL / PNEC No data available.

8.2. Exposure controls

Engineering measures: Ensure all engineering measures mentioned in section 7 of SDS are in place.

Respiratory protection: Self-contained breathing apparatus must be available in case of emergency.

Hand protection: Protective gloves. Rubber gloves. PVC gloves.

Eye protection: Tightly fitting safety goggles. Safety glasses with side-shields. Ensure eye bath is to hand.

Skin protection: Impermeable protective clothing.

Environmental: Ensure all engineering measures mentioned in section 7 of SDS are in place.

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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
pH: >11
Relative density: about 1.1

9.2. Other information

Other information: No data available.

Section 10: Stability and reactivity

10.1. Reactivity

Reactivity: Reactive substance that can react with many inorganic and organic compounds.

10.2. Chemical stability

Chemical stability: Decomposes slowly over time. Stability is maximised when stored as recommended.

10.3. Possibility of hazardous reactions

Hazardous reactions: Contact with acids liberates toxic chlorine gas. 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. Leather Textiles Copper. Nickel. Iron. Do not mix with other products

10.6. Hazardous decomposition products

Haz. decomp. products: In combustion emits toxic fumes. Contact with acids liberates toxic gas.

Section 11: Toxicological information

11.1. Information on toxicological effects

Hazardous ingredients:

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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.

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

SODIUM HYDROXIDE

Daphnia magna	48H EC50	40-240	mg/l
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FISH	96H LC50	33-189	mg/l
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12.2. Persistence and degradability

Persistence and degradability: Rapidly degrades to Sodium Chloride by chemical reaction with organic matter in effluent.

12.3. Bioaccumulative potential

Bioaccumulative potential: No bioaccumulation potential.

12.4. Mobility in soil

Mobility: Soluble in water. 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: Expected to be removed by normal sewage treatment processes. Aquatic Toxicity Data, where provided, relates to ingredients only and can be made available on request from the supplier.

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. To dispose of large quantities, 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

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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.

Phrases used in s.2 and s.3: EUH031: Contact with acids liberates toxic gas.
EUH206: Warning! Do not use together with other products. May release dangerous gases (chlorine).
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.