

ALBEX BLEACH FOAMER**SAFETY DATA SHEET****1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

PRODUCT NAME	ALBEX BLEACH FOAMER
SUPPLIER	ALBION CHEMICAL (PTY) LTD 8 Carlisle Street Paarden Eiland Cape Town 7405 Tel: +27 (0) 21 508 1460 Fax: +27 (0) 21 508 1470 Jaco@albex.co.za
RECOMMENDED USES	Household bleaching, disinfecting and sanitizing.
RESTRICTIONS ON USE	No specific uses advised against are identified.
CONTAINER SIZE	750 ml
EMERGENCY NUMBER	+27 (0) 21 508 1469

2. HAZARD IDENTIFICATION**Classification of substance or mixture****Classification****Physical hazard**

Not classified

Health hazards

Skin irrit. 2 – H315 Eye Irrit. 2 – H319

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Environmental hazards

Aquatic acute 1 – H400

Classification (67/548/EEC or 1999/45/EC)

Xi; R36/38. N; R50

PICTOGRAM



Signal Word Warning

Hazard statements

H400 Very toxic to aquatic life
H319 Causes serious eye irritation
H315 Causes skin irritation

Precautionary statements

P102 Keep out of reach of children
P273 Avoid release to environment
P280 Wear protective gloves/protective clothing/eye protection/face 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
P501 Dispose of contents/containers in accordance with national regulations.

Supplemental label information

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

Contains

Sodium hypochlorite, solution 3.5 % Cl active

Supplemental precautionary statements

P264 Wash contaminated skin thoroughly after handling
P362+P364 Take off contaminated clothing and wash it before reuse
P332+P313 If skin irritation occurs: Get medical advice/attention.
P337+P313 if eye irritation persists: Get medical advice/attention

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P391 Collect spillage

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS-No	EC-No	Content	Classification(67/548/EEC or 1999/45EC)	Classification
Sodium hypochlorite	7681-52-9	231-668-3	< 3.8 %	C;R34 R31 N;R50	Skin Corr. 1B - H314. Eye Dam. 1 - H318. Aquatic Acute 1 - H400.
Sodium hydroxide	1310-73-2	215-185-5	< 1.2 %	C;R35	Skin Corr. 1A - H314. Eye Dam. 1 - H318.
Sodium alkyl ether sulphate	68585-34-2	221-416-0	< 3 %	Xi;R36/38	Skin Corr./Irrit. 2. Eye Dam./Irrit. 2A. Aquatic Acute. 3. Aquatic Chronic. 3
Dimethyl Lauryl amine oxide	705892-80-2	N/A	< 3 %	Xi;R36/38,R41	Skin Corr./Irrit. 2. Eye Dam./Irrit. 2A.
Ammonyx LO(Amine oxide)	1643-20-5	N/A	< 3 %	Xi;R36/38,R41	Skin Corr./Irrit. 2. Eye Dam./Irrit. 2A.

Please Note: This product is a Mixture**4. FIRST-AID MEASURES****Description of First-aid measures****Inhalation**

Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing.

Ingestion

Rinse mouth thoroughly with water. Give plenty of water to drink. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing.

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Skin contact

Wash skin thoroughly with soap and water.

Eye contact

Remove any contact lenses and open eyelids wide apart. Continue to rinse.

Most important symptoms and effects, both acute and delayed

Inhalation

Irritation of nose, throat and airway.

Ingestion

May cause discomfort if swallowed.

Skin contact

Skin irritation.

Eye Contact

Irritation of eyes and mucous membranes. Prolonged contact may cause redness and/or tearing.

Note for the doctor

The severity of the symptoms described will vary dependent on the concentration and the length of exposure.

5. FIRE-FIGHTING MEASURES

Extinguishing media

Suitable extinguishing media

This product is not flammable. Extinguish with alcohol-resistant foam, carbon dioxide, dry powder or water fog. Use fire-extinguishing media suitable for the surrounding fire.

Unsuitable extinguishing media

Do not use water jet as an extinguisher, as this will spread the fire.

Special hazards arising from the substance or mixture

Hazard combustion products

Thermal decomposition or combustion products may include the following substances: Oxides of carbon. Toxic gases or vapours.

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Special protective equipment for firefighters

Use protective equipment appropriate for surrounding materials.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment, and emergency procedures

Personal precautions

Wear protective clothing as described in Section 8 of this safety data sheet.

Environmental precautions

Contain spillage with sand, earth or other suitable non-combustible material. Avoid discharge into drains or watercourses or onto the ground.

Methods and materials for containment and cleaning up

Methods for cleaning up

Neutralise spilled material with diluted hydrochloric acid. Absorb in vermiculite, dry sand or earth and place into containers. Containers with collected spillage must be properly labelled with correct contents and hazard symbol.

7. HANDLING AND STORAGE

Precautions for safe handling

Usage precautions

Avoid contact with eyes or skin and do not breathe in mist.
Avoid generation of mist.
Keep away from cleaning agents.
Do not mix with other Acids.

Advice on general occupational hygiene

Avoid contact with eyes and prolonged skin contact

Conditions for safe storage, including any incompatibilities

Storage precautions

Store in a cool, dry and well-ventilated place, away from direct sunlight.
Keep away from acids, ammonia salts, amines, methanol.

Specific end use(s)

The identified uses for this product are detailed in Section 1

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Wear chemical splash goggles.

The best protection is to enclose operations and/or provide local exhaust ventilation at the site of chemical release. Use a non-sparking, grounded ventilation system separate from other exhaust ventilation systems. Exhaust directly to the outside. Supply sufficient replacement air to make up for air removed. Have a safety shower/eye wash fountain readily available in the immediate work area

If engineering controls and work practices are not effective in controlling this material, then wear suitable personal protection equipment, including chemical safety goggles & face shield, boots, impervious gloves, coveralls, & respiratory protection. Have appropriate equipment available for use in emergencies.

Hygiene measures

No specific hygiene procedures recommended but good personal hygiene practices should always be observed when working with chemical products.

Occupational Exposure limits

TWA - OEL - RL not listed.

In case of chlorine emission, observe OEL for chlorine

TWA - OEL - RL = 1.5 mg/m³ Cl₂

Short term OEL - RL = 3 mg/m³ Cl₂

Chemical Name	Std	STEL-15min
Sodium hydroxide	WEL	2 mg/m ³

WEL = Workplace exposure limit

9. PHYSICAL AND CHEMICAL PROPERTIES**Information on physical and chemical properties****Appearance**

Liquid.

Colour

Pale yellow-Slightly greenish solution

Odour

Chlorine.

Odour threshold

Not determined.

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pH

pH (concentrated solution): 12.2-13

Melting point

Not relevant.

Initial boiling point and range

Not determined.

Flash point

Not determined.

Evaporation rate

Not determined.

Evaporation factor

Not determined.

Flammability (solid, gas)

Not relevant.

Upper/lower flammability or explosive limits

Not relevant.

Vapour pressure

Not determined.

Vapour density

Not relevant.

Relative density

Not determined.

Bulk density

Not determined.

Solubility(ies)

Soluble in water.

Partition coefficient

Not determined.

Auto-ignition temperature

Not relevant.

Decomposition Temperature

Not relevant.

Viscosity

Not Determined

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Explosive properties

Not considered to be explosive.

Oxidising properties

The mixture itself has not been tested but none of the ingredient substances meet the criteria for classification as oxidising

10. STABILITY AND REACTIVITY

Reactivity

Acids. Alkalis. Oxidising materials.

Chemical stability

Stable at normal ambient temperatures and when used as recommended.

Possibility of hazardous reactions

Will not polymerise.

Conditions to avoid

Avoid excessive heat for prolonged periods of time. This will cause the product to deteriorate. Gas will form which may lead to containers bursting.

Incompatible materials

Avoid contact with strong oxidising agents. Acids.

Hazardous decomposition products

Thermal decomposition product will evolve toxic chlorine and sodium dioxide fumes.

11. TOXICOLOGICAL INFORMATION

Acute toxicity

Released Chlorine is toxic by inhalation.

Skin and eye contact

Irritating to skin causing burns.

Chronic toxicity

Prolonged exposure to skin will result in dermatitis, to eyes - conjunctivitis, inhalation - adversely affect respiratory tract.

Respiratory sensitisation

Based on available data the classification criteria are not met.

Skin sensitisation

Based on available data the classification criteria are not met.

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Germ cell mutagenicity

Genotoxicity - in vitro

Based on available data the classification criteria are not met.

Genotoxicity - in vivo

Based on available data the classification criteria are not met.

Carcinogenicity

Based on available data the classification criteria are not met.

Reproductive toxicity

Reproductive toxicity - fertility

Based on available data the classification criteria are not met.

Reproductive toxicity - development

Based on available data the classification criteria are not met.

Specific target organ toxicity - single exposure

STOT - single exposure

Based on available data the classification criteria are not met.

Specific target organ toxicity - repeated exposure

STOT - repeated exposure

Based on available data the classification criteria are not met.

Aspiration hazard

Not anticipated to present an aspiration hazard, based on chemical structure.

12. ECOLOGICAL INFORMATION

Toxicity

Aquatic Acute 1 - H400 Very toxic to aquatic life.

Bioaccumulative potential

No data available on bioaccumulation.

Partition coefficient

Not determined.

Mobility in soil

The product is soluble in water.

ALBEX BLEACH FOAMER**13. DISPOSAL CONSIDERATIONS****Waste treatment methods****General information**

When handling waste, consideration should be made to the safety precautions applying to handling of the product

Disposal methods

Disposal of waste and residues in accordance with local requirements. Avoid the spillage or runoff entering drains, sewers or watercourses. Neutralise waste with diluted hydrochloric acid.

14. TRANSPORT INFORMATION**General**

Limited quantities Authorisation No. 53 of the carriage of dangerous good and use of transportable pressure equipment regulations 2004 allows 5 Litre per inner package as limited quantities

UN No	1791
Hazchem Code	2r
ERG No	154
EAC	59
UN Proper Shipping Name	HYPOCHLORITE SOLUTION
IMDG-Packaging Group	III
UN No. Sea	1791
Marine Pollutant	Yes



UN Classification	8 Corrosive Group: III
Subsidiary Risks	None

15. REGULATORY INFORMATION**SYMBOLS**

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EEC Hazard Classification

8

Risk Phrases

R31 - Contact with acids liberates toxic gas

R36/38 - Irritating to eyes, and skin

R5r - Harmful to aquatic organisms

Safety Phrases

S1/2/13 - Keep out of reach of children, away from food, drink and animal feed stuffs.

S7/9 - Keep containers closed in a well ventilated area.

S23/24/25 - Do not breath in fumes emitted and avoid contact to eyes.

S28 - wash skin immediately with plenty of water.

S36/37/38 - Wear suitable chemical protective clothing, gloves and eye/face protection.

S45 - In case of not feeling well seek medical attention.

S50 - Do not mix with formic acid, phynylactonitrile, amines, ammonium salts, methanol and aziridine.

National Legislation

None

16. OTHER INFORMATION

RISK PHRASES IN FULL

R34 Causes burns.

R35 Causes severe burns.

R31 Contact with acids liberates toxic gas.

R38 Irritating to skin.

R41 Risk of serious damage to eyes.

R50 Very toxic to aquatic organisms.

DISCLAIMER

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or

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completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.