

# Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 03.02.2012

Revision: 03.02.2012

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

- **Product identifier**
- **Trade name:** FOAM ALCALIN XTRA
- **Relevant identified uses of the substance or mixture and uses advised against**
- **Sector of Use** SU1 Agriculture, forestry, fishery
- **Product category** PC35 Washing and cleaning products (including solvent based products)
- **Application of the substance / the preparation** Surface cleanser
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**  
 BouMatic Gascoigne Melotte  
 31 Rue Jules Mélotte  
 B-4350 Remicourt  
 BELGIUM
- **Further information obtainable from:**  
 Legal Department  
 e-mail: [cmalbrouck@boumatic.com](mailto:cmalbrouck@boumatic.com)
- **Emergency telephone number:** Tel.-Nr.: +1813-248-0585

## 2 Hazards identification

- **Classification of the substance or mixture**
- **Classification according to Regulation (EC) No 1272/2008**



GHS05 corrosion

Skin Corr. 1A H314 Causes severe skin burns and eye damage.

- **Classification according to Directive 67/548/EEC or Directive 1999/45/EC**



C; Corrosive

R35: Causes severe burns.

- **Information concerning particular hazards for human and environment:**

The product has to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.

- **Classification system:**

The classification is according to the latest editions of the EU-lists, and extended by company and literature data.

- **Label elements**

- **Labelling according to EU guidelines:**

The product has been classified and marked in accordance with EU Directives / Ordinance on Hazardous Materials.

- **Code letter and hazard designation of product:**



C Corrosive

- **Hazard-determining components of labelling:**

sodium hydroxide

- **Risk phrases:**

35 Causes severe burns.

- **Safety phrases:**

2 Keep out of the reach of children.

26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

36/37/39 Wear suitable protective clothing, gloves and eye/face protection.

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45 In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).









60 This material and its container must be disposed of as hazardous waste.

- **Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

### 3 Composition/information on ingredients

- **Chemical characterization: Mixtures**
- **Description:** Mixture of substances listed below with nonhazardous additions.

- **Dangerous components:**

CAS: 1310-73-2 EINECS: 215-185-5	sodium hydroxide  C R35  Skin Corr. 1A, H314	10-25%
CAS: 68515-73-1	ETHERS OCTYLO-DECYLES(C8-C10) D-GLUCOSE  Xi R41  Eye Dam. 1, H318	10-25%
CAS: 64-02-8 EINECS: 200-573-9	tetrasodium ethylenediaminetetraacetate  Xn R22;  Xi R41  Eye Dam. 1, H318;  Acute Tox. 4, H302	2.5-10%

- **Additional information:** For the wording of the listed risk phrases refer to section 16.

### 4 First aid measures

- **Description of first aid measures**
- **General information:** Immediately remove any clothing soiled by the product.
- **After inhalation:** Take affected persons into fresh air and keep quiet.
- **After skin contact:**  
If skin irritation continues, consult a doctor.  
Immediately wash with water and soap and rinse thoroughly.
- **After eye contact:** Rinse opened eye for several minutes under running water. Then consult a doctor.
- **After swallowing:**  
Call for a doctor immediately.  
Never give anything by mouth.
- **Information for doctor:**
- **Most important symptoms and effects, both acute and delayed** No further relevant information available.
- **Indication of any immediate medical attention and special treatment needed**  
No further relevant information available.

### 5 Firefighting measures

- **Extinguishing media**
- **Suitable extinguishing agents:** Use fire extinguishing methods suitable to surrounding conditions.
- **Special hazards arising from the substance or mixture**  
A fire will often produce a thick black smoke. Exposure to decomposition products may be hazardous to health. Do not breathe fumes.
- **Advice for firefighters**
- **Protective equipment:** No special measures required.

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### 6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures**

Wear protective equipment. Keep unprotected persons away.

Avoid contact with skin and eyes.

- **Environmental precautions:**

Do not allow to enter sewers/ surface or ground water.

Contain and collect spillage with non-combustible absorbent material (eg sand, earth, vermicullite, diatomaceous earth) in drums for waste disposal.

- **Methods and material for containment and cleaning up:**

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Dispose contaminated material as waste according to item 13.

Ensure adequate ventilation.

Use an acid neutralizer.

Clean preferably with a detergent, avoid use of solvents.

If the ground is contaminated, and after recovery of the product by sponging with an inert absorbent and non-combustible material, flush the surface that was contaminated with water.

- **Reference to other sections**

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

### 7 Handling and storage

- **Handling:**

- **Precautions for safe handling** No special precautions are necessary if used correctly.

- **Information about fire - and explosion protection:** No special measures required.

- **Conditions for safe storage, including any incompatibilities**

- **Storage:**

- **Requirements to be met by storerooms and receptacles:**

Always keep in containers of same material as the original.

- **Information about storage in one common storage facility:** Not required.

- **Further information about storage conditions:** Keep container tightly sealed.

- **Specific end use(s)** No further relevant information available.

### 8 Exposure controls/personal protection

- **Additional information about design of technical facilities:** No further data; see item 7.

- **Control parameters**

- **Ingredients with limit values that require monitoring at the workplace:**

1310-73-2 sodium hydroxide

WEL Short-term value: 2 mg/m<sup>3</sup>

- **Additional information:** The lists valid during the making were used as basis.

- **Exposure controls**

- **Personal protective equipment:**

- **General protective and hygienic measures:**

Do not eat, drink, smoke or sniff while working.

Keep away from foodstuffs, beverages and feed.

Immediately remove all soiled and contaminated clothing

Wash hands before breaks and at the end of work.

Avoid contact with the eyes and skin.

Provide adequate ventilation, especially in confined areas.

Provide eye washes in work places where the product is constantly handled.

- **Respiratory protection:** Not required.

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**· Protection of hands:**

Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.  
Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

**· Material of gloves**

Natural rubber, NR

Nitrile rubber, NBR

PVC gloves

PVA gloves

Butyl rubber, BR

Waterproof gloves compliant with norm NF EN374.

**· Penetration time of glove material**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

**· Eye protection:**

Tightly sealed goggles

Before handling, it is necessary to wear goggles with side protection according to the NF EN166.

In case of increased danger, use a face shield to protect the face.

**· Body protection:**

Protective work clothing

Type of suitable protective clothing:

In case of heavy projections, wear chemical protective clothing impervious to liquids (type 3) compliant with standard NF EN14605 to avoid contact with skin.

If risk of splashing, wear chemical protective clothing (type 6) compliant with standard NF EN13034 to avoid contact with skin.

Wear appropriate protective clothing and especially coveralls and boots. These clothes will be maintained in good condition and cleaned after use.

After contact with the product, all parts of the body should be washed.

## 9 Physical and chemical properties

**· Information on basic physical and chemical properties****· General Information****· Appearance:****Form:** Fluid**Colour:** Light yellow**· Odour:** Uncharacteristic.**· Odour threshold:** Not determined.**· pH-value:** 14**· Change in condition****Melting point/Melting range:** Undetermined.**Boiling point/Boiling range:** Undetermined.**· Flash point:** Not applicable.**· Self-igniting:** Product is not selfigniting.

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· <b>Danger of explosion:</b>	Product does not present an explosion hazard.
· <b>Vapour pressure:</b>	< 110 kPa (1.10 bar)
· <b>Density:</b>	> 1 g/cm <sup>3</sup>
· <b>Solubility in / Miscibility with water:</b>	Fully miscible.
· <b>Other information</b>	No further relevant information available.

## 10 Stability and reactivity

- **Reactivity**
- **Chemical stability**
- **Thermal decomposition / conditions to be avoided:**  
No decomposition if used and stored according to specifications.
- **Possibility of hazardous reactions** No dangerous reactions known.
- **Conditions to avoid** Protect from frost.
- **Incompatible materials:** No further relevant information available.
- **Hazardous decomposition products:**  
Thermal decomposition may produce:
  - Carbon monoxide (CO)
  - Carbon dioxide (CO<sub>2</sub>)

## 11 Toxicological information

- **Information on toxicological effects**
- **Acute toxicity:**

· <b>LD/LC50 values relevant for classification:</b>
--

1310-73-2 sodium hydroxide
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Oral	LD50	2000 mg/kg (rat)
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- **Primary irritant effect:**
- **on the skin:**  
Strong caustic effect on skin and mucous membranes.  
The corrosive classification is based on an extreme pH.
- **on the eye:**  
Strong caustic effect.  
The corrosive classification is based on an extreme pH.
- **Sensitization:** No sensitizing effects known.
- **Other information (about experimental toxicology):**  
May cause irreversible damage to the skin, as a necrosis visible through the epidermis and in the dermis, following exposure from three minutes to one hour.  
Corrosive reactions are characterized by ulcers, bleeding, bloody scabs and, at the end of an observation period of 14 days, by discoloration due to blanching of the skin, complete areas of alopecia and scars.  
Repeated or prolonged contact with the mixture can remove the natural fat from the skin resulting in non-allergic contact dermatitis and absorption through the skin.  
Splashes in the eyes may cause irritation and reversible damage.
- **Additional toxicological information:**  
The product shows the following dangers according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version:  
Corrosive  
Swallowing will lead to a strong caustic effect on mouth and throat and to the danger of perforation of esophagus and stomach.

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### 12 Ecological information

- **Toxicity**
- **Acquatic toxicity:** No further relevant information available.
- **Persistence and degradability** No further relevant information available.
- **Behaviour in environmental systems:**
- **Bioaccumulative potential** No further relevant information available.
- **Mobility in soil** No further relevant information available.
- **Additional ecological information:**
- **General notes:**  
Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water  
Do not allow product to reach ground water, water course or sewage system.  
Must not reach sewage water or drainage ditch undiluted or unneutralized.  
Danger to drinking water if even small quantities leak into the ground.  
Rinse off of bigger amounts into drains or the aquatic environment may lead to increased pH-values. A high pH-value harms aquatic organisms. In the dilution of the use-level the pH-value is considerably reduced, so that after the use of the product the aqueous waste, emptied into drains, is only low water-dangerous.
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **Other adverse effects** No further relevant information available.

### 13 Disposal considerations

- **Waste treatment methods**
- **Recommendation**  
Must not be disposed together with household garbage. Do not allow product to reach sewage system.  
Appropriate management of mixed waste and/or its container must be determined in accordance with Directive 2008/98/EC.  
Recycle or dispose in accordance with current legislation, preferably via a certified collector or company.  
Do not contaminate soil or water with waste, do not dispose of them in the environment.
- **Uncleaned packaging:**
- **Recommendation:**  
Disposal must be made according to official regulations.  
Completely empty the container. Keep the label (s) on the container. Give to a certified disposal contractor.
- **Recommended cleansing agents:** Water, if necessary together with cleansing agents.

### 14 Transport information

- |   |   |
|---|---|
| · <b>UN-Number</b>  |   |
| · <b>ADR, IMDG, IATA</b>  | UN1824                                  |
| · <b>UN proper shipping name</b>  |   |
| · <b>ADR</b>  | 1824 SODIUM HYDROXIDE SOLUTION, mixture |
| · <b>IMDG, IATA</b>   | SODIUM HYDROXIDE SOLUTION, mixture      |
| · <b>Transport hazard class(es)</b>   |   |
| · <b>ADR</b>  |   |
|  |   |
| · <b>Class</b>  | 8 Corrosive substances.                 |

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· <b>Label</b>	8
· <b>IMDG, IATA</b>	
	
· <b>Class</b>	8 Corrosive substances.
· <b>Label</b>	8
· <b>Packing group</b>	
· <b>ADR, IMDG, IATA</b>	II
· <b>Environmental hazards:</b>	
· <b>Marine pollutant:</b>	No
· <b>Special precautions for user</b>	Warning: Corrosive substances.
· <b>Danger code (Kemler):</b>	80
· <b>EMS Number:</b>	F-A,S-B
· <b>Segregation groups</b>	Alkalis
· <b>Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code</b>	
	Not applicable.
· <b>Transport/Additional information:</b>	
· <b>ADR</b>	
· <b>Limited quantities (LQ)</b>	1L
· <b>Transport category</b>	2
· <b>Tunnel restriction code</b>	E
· <b>UN "Model Regulation":</b>	UN1824, SODIUM HYDROXIDE SOLUTION, mixture, 8, II

### 15 Regulatory information

- **Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **Labelling according to EU guidelines:**  
Labelling of detergents (EC Regulation 648/20 04 and 907/2006):
  - 15% or more but less than 30%: Nonionic surfactants
  - 5% or more, but less than 15%: EDTA and salts
- **National regulations:**
- **Waterhazard class:** Water hazard class 2 (Self-assessment): hazardous for water.
- **Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

### 16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- **Relevant phrases**  
H302 Harmful if swallowed.  
H314 Causes severe skin burns and eye damage.  
H318 Causes serious eye damage.
- **R22 Harmful if swallowed.**
- **R35 Causes severe burns.**
- **R41 Risk of serious damage to eyes.**
- **Department issuing MSDS:** Legal Department
- **Contact:** Mrs. Malbrouck

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**· Abbreviations and acronyms:**

*ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)*

*RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)*

*IMDG: International Maritime Code for Dangerous Goods*

*IATA: International Air Transport Association*

*ICAO: International Civil Aviation Organization*

*GHS: Globally Harmonized System of Classification and Labelling of Chemicals*

*LC50: Lethal concentration, 50 percent*

*LD50: Lethal dose, 50 percent*

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