

JABÓN DE BALDEO CON CERAS  
Code: 16/634




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**SECTION 1 : IDENTIFICATION OF THE MIXTURE AND OF THE COMPANY/UNDERTAKING**

- 1.1 **PRODUCT IDENTIFIER:** JABÓN DE BALDEO CON CERAS  
Code: 16/634
- 1.2 **RELEVANT IDENTIFIED USES AND USES ADVISED AGAINST:**  Industrial  Professional  Consumers  
Intended uses (main technical functions):  
Cleaner.  
Uses advised against:  
This product is not recommended for any use or sector of use industrial, professional or consume other than those previously listed as 'Intended or identified uses'.
- 1.3 **DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET:**  
NAUTIEL SERVICE, S.L.  
Pg. Joan de Borbó, 92 - 08003 Barcelona  
Teléfono: 93 2210869  
E-mail address of the person responsible for the safety data sheet:  
nautiel-service@nautiel.com
- 1.4 **EMERGENCY TELEPHONE NUMBER:** +34 93 2210869 (8:00-16:30) (working hours)

**SECTION 2 : HAZARDS IDENTIFICATION**

- 2.1 **CLASSIFICATION OF THE MIXTURE:**  
Classification in accordance with Directive 1999/45/EC~2006/8/EC (DPD):  
Xi:R36
- 2.2 **LABEL ELEMENTS:** Xi  

This product is labelled as IRRITANT in accordance with Directive 67/548/EEC~2009/2/EC and 1999/45/EC~2006/8/EC  
R-phrases:  
R36 Irritating to eyes.  
S-phrases:  
S2 Keep out of reach of children.  
S24/25 Avoid contact with skin and eyes.  
S46 If swallowed, seek medical advice immediately and show this container or label.  
Supplementary statements:  
P153 Contains anionic surfactants 15-30 %, amphoteric surfactants < 5 %, nTA (nitrilotriacetic acid) and salts thereof < 5 %, perfumes < 5 %, CITRAL, BENZISOTHIAZOLINONE, METHYLISOTHIAZOLINONE. Do not swallow.  
Dangerous ingredients:  
None in a percentage equal to or higher than the limit for the name.
- 2.3 **OTHER HAZARDS:**  
Not applicable.

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## SECTION 3 : COMPOSITION/INFORMATION ON INGREDIENTS

3.1 SUBSTANCES:

Not applicable.

3.2 MIXTURES:

This product is a mixture.

Chemical description:

Mixture of chemical substances in aqueous media.

Dangerous ingredients:

Substances taking part in a percentage higher than the exemption limit and presenting a health and/or environment hazard, and/or with a Communitarian workplace exposure limit:

|   |   |   |
|---|---|---|
| <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>                       | <p>5 &lt; 10 %<br/><b>Dodecylbencenosulfonato de sodio</b><br/>CAS: 25155-30-0 , EC: 246-680-4<br/>DSD: Xn:R22   Xi:R38-R41<br/>CLP: Not available.</p>   | <p>Autoclassified</p>                                       |
| <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>                       | <p>5 &lt; 10 %<br/><b>Lauriletersulfato sódico etoxilado(2)</b><br/>CAS: 68891-38-3 , EC: 500-234-8<br/>DSD: Xi:R36/38<br/>CLP: Skin Irrit. 2:H315   Eye Irrit. 2:H319</p>  | <p>Autoclassified</p>                                       |
| <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>                       | <p>1 &lt; 2,5 %<br/><b>Dietanolamida de coco</b><br/>CAS: 8051-30-7 , EC: 232-483-0<br/>DSD: Xi:R36/38<br/>CLP: Not available.</p>  | <p>Autoclassified</p>                                       |
| <input type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>            | <p>&lt; 0,25 %<br/><b>Terpenos/terpenoides (aceite naranja dulce)</b><br/>CAS: 68647-72-3 , List No. 614-678-6<br/>DSD: R10   Xn:R65   Xi:R38   N:R50-53<br/>CLP: Not available.</p>  | <p>Autoclassified</p>                                       |
| <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>                       | <p>&lt; 0,05 %<br/><b>Citral</b><br/>CAS: 5392-40-5 , EC: 226-394-6<br/>DSD: Xi:R38   R43*<br/>CLP: Skin Irrit. 2:H315   Eye Irrit. 2:H319   Skin Sens. 1:H317</p>  | <p>Index No. 605-019-00-3<br/>&lt; ATP19<br/>&lt; CLP00</p> |
| <input type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>            | <p>&lt; 0,01 %<br/><b>1,2-benzisotiazol-3(2H)-ona</b><br/>CAS: 2634-33-5 , EC: 220-120-9<br/>DSD: Xn:R22   Xi:R38-R41   R43   N:R50<br/>CLP: Acute Tox. (oral) 4:H302   Skin Irrit. 2:H315   Eye Dam. 1:H318   Skin Sens. 1:H317   Aquatic Acute 1:H400</p> | <p>Index No. 613-088-00-6<br/>&lt; ATP29<br/>&lt; CLP00</p> |
| <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> | <p>&lt; 0,01 %<br/><b>2-metil-4-isotiazolin-3-ona</b><br/>CAS: 2682-20-4 , EC: 220-239-6<br/>DSD: T:R23/24/25   C:R34   R43   N:R50<br/>CLP: Not available.</p>   | <p>Autoclassified</p>                                       |

\*Allergenic fragrance, in accordance with Directive 2003/15/EC.

For more information on dangerous ingredients, see sections 8, 11, 12 and 16.

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#### SECTION 4 : FIRST AID MEASURES

##### 4.1 DESCRIPTION OF FIRST-AID MEASURES AND MAIN SYMPTOMS AND EFFECTS, ACUTE AND DELAYED:

4.2



When in doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person.

| Route of exposure  | Symptoms and effects, acute and delayed                                | Description of first-aid measures   |
|--------------------|--|---|
| <u>INHALATION:</u> | Normally does not produce symptoms.                                    | Remove the patient out of the contaminated area into the fresh air. If breathing is irregular or stops, administer artificial respiration. If the person is unconscious, place in appropriate recovery position. Keep the patient warm and at rest until medical attention arrives. |
| <u>SKIN:</u>       | Skin contact may cause slight redness.                                 | Remove immediately contaminated clothing. Wash thoroughly the affected area with plenty of cold or lukewarm water and neutral soap, or use a suitable skin cleanser.  |
| <u>EYE:</u>        | Contact with the eyes produces redness and pain.                       | Remove contact lenses. Rinse eyes copiously by irrigation with plenty of clean, fresh water for at least 15 minutes, holding the eyelids apart, until the irritation is reduced. Call a physician immediately.  |
| <u>INGESTION:</u>  | If swallowed, may cause irritation of the mouth, throat and esophagus. | If swallowed, seek medical advice immediately and show container or label. Do not induce vomiting, due to the risk of aspiration. Keep the patient at rest.   |

##### 4.3 INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED:

Damage caused by detergents and tensioactives to intestinal mucus is irreversible. Do not induce vomiting. Pump out stomach prior to the addition of dimeticone (antifrothing agent).

#### SECTION 5 : FIRE-FIGHTING MEASURES

##### 5.1 EXTINGUISHING MEDIA:

Extinguishing powder or CO<sub>2</sub>. In the case of more important fires, also alcohol resistant foam and water spray/mist. Do not use for extinguishing: direct water jet.

##### 5.2 SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE:

As consequence of combustion or thermal decomposition, hazardous products may be produced: carbon monoxide, carbon dioxide, nitrogen oxides, sulfur oxides. Exposure to combustion or decomposition products may be a hazard to health.

##### 5.3 ADVICE FOR FIREFIGHTERS:

- Special protective equipment: Depending on magnitude of fire, heat-proof protective clothing may be required, appropriate independent breathing apparatus, gloves, protective glasses or face masks and boots.
- Other recommendations: Cool with water the tanks, cisterns or containers close to sources of heat or fire. Bear in mind the direction of the wind. Do not allow fire-fighting residue to enter drains, sewers or water courses.

#### SECTION 6 : ACCIDENTAL RELEASE MEASURES

##### 6.1 PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES:

Avoid direct contact with this product. Avoid breathing vapours.

##### 6.2 ENVIRONMENTAL PRECAUTIONS:

Avoid contamination of drains, surface or subterranean water and soil. In the case of large scale spills or when the product contaminates lakes, rivers or sewages, inform the appropriate authorities in accordance with local regulations.

##### 6.3 METHODS AND MATERIAL FOR CONTAINMENT AND CLEANING UP:

Contain and mop up spills with absorbent materials (sawdust, earth, sand, vermiculite, diatomaceous earth, etc..). Keep the remains in a closed container.

##### 6.4 REFERENCE TO OTHER SECTIONS:

For exposure controls and personal protection measures, see section 8.  
For subsequent waste disposal, follow the recommendations in section 13.

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**SECTION 7 : HANDLING AND STORAGE**

- 7.1 **PRECAUTIONS FOR SAFE HANDLING:**  
Comply with the existing legislation on health and safety at work.  
**General recommendations:**  
Avoid any type of leakage or escape. Keep the container tightly closed.  
**Recommendations for the prevention of fire and explosion risks:**  
Not applicable.  
**Recommendations for the prevention of toxicological risks:**  
Do not eat, drink or smoke while handling. After handling, wash hands with soap and water. For exposure controls and personal protection measures, see section 8.  
**Recommendations for the prevention of environmental contamination:**  
It is not considered a danger to the environment. In the case of accidental spillage, follow the instructions indicated in section 6.
- 7.2 **CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES:**  
Prevent unauthorized access. Keep out of reach of children. Keep away from sources of heat. If possible, avoid direct contact with sunlight. In order to avoid leakages, the containers, after use, should be closed carefully and placed in a vertical position. For more information, see section 10.  
**Class of store** : According to current legislation.  
**Maximum storage period** : 24. months  
**Temperature interval** : min: 4. °C, max: 40. °C  
**Incompatible materials:**  
Keep away from oxidizing agents, acids.  
**Type of packaging:**  
According to current legislation.  
**Limit quantity, in accordance with Directive 96/82/EC~2003/105/EC (Seveso III):**  
Not applicable.
- 7.3 **SPECIFIC END USES:**  
For the use of this product do not exist particular recommendations apart from that already indicated.

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**SECTION 8 : EXPOSURE CONTROLS/PERSONAL PROTECTION 98/24/EC**

|     |   |     |                |     |       |
|-----|---|-----|----------------|-----|-------|
| 8.1 | <b>CONTROL PARAMETERS:</b>  |     |                |     | Year  |
|     | <u>Occupational Exposure Limit Values (TLV)</u>   |     | <u>TLV-TWA</u> |     |       |
|     | AGCIH 2009  | ppm | mg/m3          | ppm | mg/m3 |
|     | 2-methyl-4-isothiazolin-3-one   |     | 1.5            |     | 4.5   |
|     | TLV - Threshold Limit Value, TWA - Time Weighted Average, STEL - Short Term Exposure Limit. |     |                |     |       |
|     | <u>Biological Limit Values:</u>   |     |                |     |       |
|     | Not available   |     |                |     |       |
|     | <u>Derived no-effect level (DNEL) for general population:</u>                               |     |                |     |       |
|     | Not available   |     |                |     |       |
|     | <u>Predicted no-effect concentration (PNEC):</u>  |     |                |     |       |
|     | Not available   |     |                |     |       |

8.2 **CONTROLES DE EXPOSICIÓN:**

OCUPATIONAL EXPOSURE CONTROLS, DIRECTIVE 89/686/EEC:  
Not applicable.

Protection of respiratory system:  
Avoid the inhalation of vapours.

- Mask:  
No, unless ventilation is insufficient.

Protection of eyes and face:  
Dispose eyewash bottles with clean water close to the working area.

- Goggles: Advisable.  
- Face shield: No.

Protection of hands and skin:

- Gloves: Yes.  
- Boots: No.  
- Apron: No.  
- Clothing: No.

ENVIRONMENTAL EXPOSURE CONTROLS:  
Avoid any spillage in the environment. Avoid any release into the atmosphere.

Spills on the soil: Prevent contamination of soil.

Spills in water: Do not allow to escape into drains, sewers or water courses.

Emissions to the atmosphere: Because of volatility, emissions to the atmosphere while handling and use may result. Avoid any release into the atmosphere.



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### SECTION 9 : PHYSICAL AND CHEMICAL PROPERTIES

#### 9.1 INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES:

|                             |   |  |
|-----------------------------|---|--|
| - Physical state            | : | Opaque liquid.                         |
| - Colour                    | : | Deep pink.                             |
| - Odour                     | : | Citric.                                |
| - pH                        | : | 8.5 ± 1. 50 g/l at 20°C                |
| - Melting point             | : | Not applicable                         |
| - Boiling point             | : | Not available                          |
| - Flash point               | : | Not flammable                          |
| - Vapour pressure           | : | 17.5 mmHg at 20°C                      |
| - Vapour pressure           | : | 12.3 kPa at 50°C                       |
| - Specific gravity          | : | 1.013 ± 0.02 g/cm <sup>3</sup> at 20°C |
| - Solubility in water       | : | Not applicable                         |
| - Autoignition temperature  | : | Not applicable                         |
| - Decomposition temperature | : | Not available                          |
| - Viscosity                 | : | Not available                          |

Explosive properties: Not applicable.

Oxidizing properties: Not applicable.

#### 9.2 OTHER INFORMATION:

|                         |   |              |
|-------------------------|---|--------------|
| - Terpenic hydrocarbons | : | 0.1 % Weight |
| - VOC (supply)          | : | 0.2 % Weight |
| - VOC (supply)          | : | 1.6 g/l      |

The values indicated do not always coincide with the product specifications. The data for the product specifications can be found in the technical data sheet of the same. For additional information concerning physical and chemical properties related to safety and environment, see sections 7 and 12.

### SECTION 10 : STABILITY AND REACTIVITY

#### 10.1 REACTIVITY:

Not available.

#### 10.2 CHEMICAL STABILITY:

Stable under recommended storage and handling conditions.

#### 10.3 POSSIBILITY OF HAZARDOUS REACTIONS:

Possible dangerous reaction with oxidizing agents, acids.

#### 10.4 CONDITIONS TO AVOID:

- Heat: Keep away from sources of heat.
- Light: If possible, avoid direct contact with sunlight.
- Air: Not applicable.
- Pressure: Not applicable.
- Shock: Not applicable.

#### 10.5 INCOMPATIBLE MATERIALS:

Keep away from oxidizing agents, acids.

#### 10.6 HAZARDOUS DECOMPOSITION PRODUCTS:

As consequence of thermal decomposition, hazardous products may be produced: nitrogen oxides, sulfur oxides.

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**SECTION 11 : TOXICOLOGICAL INFORMATION**

No experimental toxicological data on the preparation is available. The toxicological classification for these preparation has been carried out by using the conventional calculation method of the Directive 1999/45/EC.

11.1 TOXICOLOGICAL EFFECTS:

Routes of exposure:

Short-term exposure: Irritating to eyes.

Long-term or repeated exposure:

DOSE AND LETHAL CONCENTRATIONS

for individual ingredients :

Sodium dodecylbenzenesulphonate  
Sodium laurylethersulphate ethoxylate(2)  
Cocodiethanolamide  
Citral  
1,2-benzisothiazol-3(2H)-one

DL50 Oral  
mg/kg

438. Rat  
> 2000. Rat  
> 2000. Rat  
4960. Rat  
1020. Rat

DL50 Cutaneous  
mg/kg

> 2000. Rat  
> 2000. Rat

CL50 Inhalation  
mg/m3.4hours

2050. Rat

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### SECTION 12 : ECOLOGICAL INFORMATION

No experimental ecotoxicological data on the preparation as such is available. The ecotoxicological classification for these preparation has been carried out by using the conventional calculation method of the Directive 1999/45/EC.

| 12.1 | <u>TOXICITY:</u><br>for individual ingredients : | <u>CL50 (OECD 203)</u><br>mg/l.96hours | <u>CE50 (OECD 202)</u><br>mg/l.48hours | <u>CE50 (OECD 201)</u><br>mg/l.72hours |
|------|--|--|--|--|
|      | Sodium laurylethersulphate ethoxylate(2)         | > 100. Fishes                          | > 100. Daphnia                         | > 100. Algae                           |
|      | Cocodiethanolamide                               | 5.4 Fishes                             | 2.4 Daphnia                            |  |
|      | 1,2-benzisothiazol-3(2H)-one                     | 1.2 Fishes                             | 0.85 Daphnia                           | 0.37 Algae                             |
|      | 2-methyl-4-isothiazolin-3-one                    | 0.32 Fishes                            | 0.12 Daphnia                           |  |

12.2 PERSISTENCE AND DEGRADABILITY:  
Biodegradability: The surfactants contained in this preparation comply with the biodegradability criteria as laid down in Regulation 648/2004/EC on detergents: Ultimate aerobic biodegradation > 60% within 28 days. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them at their direct request or at the request of a detergent manufacturer.

12.3 BIOACCUMULATIVE POTENTIAL:  
Not available.

12.4 MOBILITY IN SOIL:  
Not available.  
Movilidad en el agua:  
Not available.  
Movilidad en el aire:  
Not available.

12.5 RESULTS OF PBT AND MPMB ASSESMENT, IN ACCORDANCE WITH ANNEX XIII OF REGULATION (EC) NO. 1907/2006:  
Not available.

12.6 OTHER ADVERSE EFFECTS:  
Ozone depletion potential: Not available.  
Photochemical ozone creation potential: Not available.  
Earth global warming potential: In case of fire or incineration liberates CO2.  
Endocrine disrupting potential: Not available.

### SECTION 13 : DISPOSAL CONSIDERATIONS

13.1 WASTE TREATMENT METHODS, DIRECTIVE 75/442/EEC~91/156/EC:  
Take all necessary measures to prevent the production of waste whenever possible. Analyse possible methods for revaluation or recycling. Do not discharge into drains or the environment, dispose of at an authorised waste collection point. Waste should be handled and disposed of in accordance with current local and national regulations. For exposure controls and personal protection measures, see section 8.

DISPOSAL OF EMPTY CONTAINERS, DIRECTIVE 94/62/EC~2004/12/EC:  
Emptied containers and packaging should be disposed of in accordance with currently local and national regulations.

PROCEDURES FOR NEUTRALISING OR DESTROYING THE PRODUCT:  
Controlled incineration in special facilities for chemical waste, but in accordance with local regulations.



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**SECTION 14 : TRANSPORT INFORMATION**

14.1 UN NUMBER: -

14.2 UN PROPER SHIPPING NAME: -

14.3 TRANSPORT HAZARD CLASS(ES) AND PACKING GROUP:

14.4

TRANSPORT BY ROAD (ADR 2011):

TRANSPORT BY RAIL (RID 2011):

Free

TRANSPORT BY SEA (IMDG 34-08):

Free

TRANSPORT BY AIR (ICAO/IATA 2010):

Free

TRANSPORT BY INLAND WATERWAYS (ADN):

Free.

14.5 ENVIRONMENTAL HAZARDS:

Not applicable.

14.6 SPECIAL PRECAUTIONS FOR USER:

Not applicable.

14.7 TRANSPORT IN BULK ACCORDING TO ANNEX II OF MARPOL 73/78 AND THE IBC CODE:

Not applicable.

**SECTION 15 : REGULATORY INFORMATION**

15.1 EU SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS/LEGISLATION SPECIFIC:

It is applicable the Regulation (EC) No. 648/2004-907/2006 on detergents. Contains anionic surfactants 15-30 %, amphoteric surfactants < 5 %, nTA (nitrilotriacetic acid) and salts thereof < 5 %, perfumes < 5 %, CITRAL, BENZISOTHIAZOLINONE, METHYLISOTHIAZOLINONE. Do not swallow.

Substances SVHC subject to authorisation, included in Annex XIV of Regulation (EC) no. 1907/2006: None

Substances SVHC candidate to be included in Annex XIV of Regulation (EC) no. 1907/2006: None

RESTRICTIONS:

Restrictions on manufacture, placing on market and use, according to Annex XVII of Regulation (EC) No. 1907/2006:

Not applicable.

Recommended restrictions on use:

Not applicable.

OTHER REGULATIONS:

Not available

15.2 CHEMICAL SAFETY ASSESSMENT:

Not available.

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**SECTION 16 : OTHER INFORMATION**

- 16.1 TEXT OF THE PHRASES AND NOTES REFERENCED IN SECTIONS 2 and/or 3:  
R-phrases according the Directive 67/548/EEC~2001/59/EC (DSD), Annex III:  
R10 Flammable. R22 Harmful if swallowed. R34 Causes burns. R38 Irritating to skin. R41 Risk of serious damage to eyes. R43 May cause sensitization by skin contact. R50 Very toxic to aquatic organisms. R65 Harmful: may cause lung damage if swallowed. R23/24/25 Toxic by inhalation, in contact with skin and if swallowed. R36/38 Irritating to eyes and skin. R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.  
Hazard statements according the Regulation (EC) No. 1272/2008~790/2009 (CLP), Annex III:  
H302 Harmful if swallowed. H315 Causes skin irritation. H317 May cause an allergic skin reaction. H318 Causes serious eye damage. H319 Causes serious eye irritation. H400 Very toxic to aquatic life.
- MAIN LITERATURE REFERENCES AND SOURCES FOR DATA:  
· European Chemicals Bureau: Existing Chemicals, <http://ecb.jrc.ec.europa.eu/esis/>  
· Threshold Limit Values, (AGCIH, 2009).
- MATERIAL SAFETY DATA SHEET REGULATIONS:  
Material Safety Data Sheet in accordance with Article 31 of Regulation (EC) No. 1907/2006 (REACH) and Annex I of Regulation (EU) No. 453/2010.
- HISTORY:                      Revision date:  
Version: 1                      22/02/2012

The information of this Material Safety Data Sheet, is based on the present state of knowledge and on current UE and national laws, as the users' working conditions are beyond our knowledge and control. The product is not to be used for other purposes than those specified, without first obtaining written handling instruction. It is always the responsibility of the user to take all necessary steps in order to fulfil the demand laid down in the local rules and legislation. The information in this Material Safety Data Sheet is meant as a description of the safety requirements of the product and it is not to be considered as a guarantee of the product's properties.