

**Safety data sheet**  
According to 1907/2006/EC, Article 31 REACH

Printing date 11.05.2016

Version: 8

Revision: 11.05.2016

**SECTION 1: Identification of the substance/mixture and of the company/undertaking**

**1.1 Product identifier**

· Trade name: AQUA SOJA

· Article number: 94120001

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

· Sector of Use

SU3 Industrial uses: Uses of substances as such or in preparations at industrial sites

SU22 Professional uses: Public domain (administration, education, entertainment, services, craftsmen)

· Product category PC35 Washing and cleaning products (including solvent based products)

· Application of the substance / the mixture Degreaser

**1.3 Details of the supplier of the safety data sheet**

· Manufacturer/Supplier:

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· 1.4 Emergency telephone number:

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**SECTION 2: Hazards identification**

· 2.1 Classification of the substance or mixture

· Classification according to Regulation (EC) No 1272/2008

Skin Irrit. 2 H315 Causes skin irritation.

Eye Dam. 1 H318 Causes serious eye damage.

· 2.2 Label elements

· Labelling according to Regulation (EC) No 1272/2008

The substance is classified and labelled according to the CLP regulation.

(Contd. on page 2)

GB

# Safety data sheet

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Printing date 11.05.2016

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Trade name: AQUA SOJA

(Contd. of page 1)

### · Hazard pictograms



GHS05

### · Signal word Danger

### · Hazard-determining components of labelling:

tetrasodium ethylenediaminetetraacetate

Isotidecanol, ethoxylated

dodecylbenzenesulfonic acid

### · Hazard statements

H315 Causes skin irritation.

H318 Causes serious eye damage.

### · Precautionary statements

P280 Wear protective gloves / eye protection.

P264 Wash thoroughly after handling.

P305+P351+P338 **IF IN EYES:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P310 Immediately call a POISON CENTER/doctor.

P332+P313 If skin irritation occurs: Get medical advice/attention.

P302+P352 **IF ON SKIN:** Wash with plenty of water.

### · 2.3 Other hazards

### · Results of PBT and vPvB assessment

· **PBT:** Not applicable.· **vPvB:** Not applicable.

## SECTION 3: Composition/information on ingredients

### · 3.2 Chemical characterisation: Mixtures

· **Description:** Mixture of substances listed below with nonhazardous additions.

#### · Dangerous components:

CAS: 69011-36-5 Reg.nr.: 01-2119976362-32-xxxx	Isotidecanol, ethoxylated ☞ Eye Dam. 1, H318 ☞ Skin Irrit. 2, H315 Aquatic Chronic 3, H412	2.5-5%
CAS: 64-02-8 EINECS: 200-573-9 Reg.nr.: 01-2119486762-27-xxxx	tetrasodium ethylenediaminetetraacetate ☞ Eye Dam. 1, H318 ☞ Acute Tox. 4, H302; Acute Tox. 4, H332	2.5-5%
CAS: 5131-66-8 EINECS: 225-878-4 Reg.nr.: 01-2119475527-28	3-butoxypropan-2-ol ☞ Skin Irrit. 2, H315; Eye Irrit. 2, H319	2.5-5%
CAS: 85536-14-7 EINECS: 287-494-3 Reg.nr.: 01-2119490234-40-xxxx	dodecylbenzenesulfonic acid ☞ Skin Corr. 1B, H314 ☞ Acute Tox. 4, H302 Aquatic Chronic 3, H412	1-2.5%

#### · Ingredients according to Detergents Regulation 648/2004/EC

For the wording of the listed hazard phrases refer to section 16.

Nonionic surfactants, EDTA and salts thereof, Anionic surfactants

&lt; 5%

## SECTION 4: First aid measures

### · 4.1 Description of first aid measures

· **General information:** Immediately remove any clothing soiled by the product.· **After inhalation:** In case of unconsciousness place patient stably in side position for transportation.

#### · After skin contact:

If skin irritation continues, consult a doctor.

Immediately wash with water and soap and rinse thoroughly.

Immediately rinse with water.

· **After eye contact:** Rinse opened eye for several minutes under running water. Then consult a doctor.

(Contd. on page 3)

# Safety data sheet

## According to 1907/2006/EC, Article 31 REACH

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**Trade name:** AQUA SOJA

(Contd. of page 2)

- **After swallowing:** If symptoms persist consult doctor.
- **4.2 Most important symptoms and effects, both acute and delayed** No further relevant information available.
- **4.3 Indication of any immediate medical attention and special treatment needed** No further relevant information available.

### SECTION 5: Firefighting measures

- **5.1 Extinguishing media**
- **Suitable extinguishing agents:** CO<sub>2</sub>, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **5.2 Special hazards arising from the substance or mixture** No further relevant information available.
- **5.3 Advice for firefighters**
- **Protective equipment:** No special measures required.

### SECTION 6: Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures**  
Wear protective equipment. Keep unprotected persons away.
- **6.2 Environmental precautions:** No special measures required.
- **6.3 Methods and material for containment and cleaning up:**  
Absorb with liquid-binding material (sand, diatomite, universal binders).  
Use neutralising agent.  
Dispose contaminated material as waste according to item 13.
- **6.4 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.

### SECTION 7: Handling and storage

- **7.1 Precautions for safe handling** No special measures required.
- **Information about fire - and explosion protection:** No special measures required.
- **7.2 Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** No special requirements.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:** Keep receptacle tightly sealed.
- **7.3 Specific end use(s)** No further relevant information available.

### SECTION 8: Exposure controls/personal protection

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

#### 8.1 Control parameters

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

#### 141-43-5 2-aminoethanol (0.1-1%)

WEL (Great Britain)	Short-term value: 7.6 mg/m <sup>3</sup> , 3 ppm
	Long-term value: 2.5 mg/m <sup>3</sup> , 1 ppm
	Sk

IOELV (European Union)	Short-term value: 7.6 mg/m <sup>3</sup> , 3 ppm
	Long-term value: 2.5 mg/m <sup>3</sup> , 1 ppm
	Skin

- **DNELs**

#### 64-02-8 tetrasodium ethylenediaminetetraacetate

Oral	DNEL Long term-systemic	28 mg/kg human/day (consumer)
Inhalative	DNEL Acute-systemic mg/m <sup>3</sup>	1.7 mg/m <sup>3</sup> (consumer)
		2.8 mg/m <sup>3</sup> (worker)

#### 5131-66-8 3-butoxypropan-2-ol

Oral	DNEL Long term-systemic	8.75 mg/kg human/day (consumer)
Dermal	DNEL Acute-systemic	44 mg/kg human/day (consumer)

(Contd. on page 4)

## Safety data sheet

### According to 1907/2006/EC, Article 31 REACH

Printing date 11.05.2016

Version: 8

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**Trade name:** AQUA SOJA

(Contd. of page 3)

Inhalative	DNEL Long term-systemic	16 mg/kg human/day (worker) 16 mg/kg human/day (consumer)
	DNEL Long term-systemic mg/m <sup>3</sup>	44 mg/kg human/day (worker) 33.8 mg/m <sup>3</sup> (consumer)
	DNEL Acute-systemic mg/m <sup>3</sup>	270.5 mg/m <sup>3</sup> (worker)

**85536-14-7 dodecylbenzenesulfonic acid**

Oral	DNEL Long term-systemic	0.85 mg/kg human/day (consumer)
Dermal	DNEL Long term-systemic	85 mg/kg human/day (consumer) 170 mg/kg human/day (worker)
Inhalative	DNEL Long term-systemic mg/m <sup>3</sup>	3 mg/m <sup>3</sup> (consumer) 12 mg/m <sup>3</sup> (worker)
	DNEL Long term local mg/m <sup>3</sup>	3 mg/m <sup>3</sup> (consumer) 12 mg/m <sup>3</sup> (worker)

· **PNECs****64-02-8 tetrasodium ethylenediaminetetraacetate**

PNEC Freshwater mg/L	2.8 mg/L (-)
PNEC Marinewater mg/L	0.28 mg/L (-)
PNEC Intermittent release	1.6 (-) (mg/L)
PNEC Soil	0.95 mg/Kg (-)
PNEC Sewage treatment Plant mg/L	57 mg/L (-)

**5131-66-8 3-butoxypropan-2-ol**

PNEC Freshwater mg/L	0.525 mg/L (-)
PNEC Marinewater mg/L	0.0525 mg/L (-)
PNEC Freshwater sediment	2.36 mg/Kg (-)
PNEC Marine water sediment	0.236 mg/Kg (-)
PNEC Intermittent release	5.25 (-) (mg/l)
PNEC Soil	0.16 mg/Kg (-)
PNEC Sewage treatment Plant mg/L	10 mg/L (-)

**85536-14-7 dodecylbenzenesulfonic acid**

PNEC Freshwater mg/L	0.287 mg/L (-)
PNEC Marinewater mg/L	0.0287 mg/L (-)
PNEC Freshwater sediment	0.287 mg/Kg (-)
PNEC Marine water sediment	0.287 mg/Kg (-)
PNEC Intermittent release	0.0167 (-) (mg/L)
PNEC Soil	35 mg/Kg (-)
PNEC Sewage treatment Plant mg/L	3.43 mg/L (-)

· **Additional information:** The lists valid during the making were used as basis.· **8.2 Exposure controls**· **Personal protective equipment:**· **General protective and hygienic measures:**

Immediately remove all soiled and contaminated clothing

Avoid contact with the skin.

Avoid contact with the eyes and skin.

· **Respiratory protection:** Not required.· **Protection of hands:**

Protective gloves

· **Material of gloves**

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

· **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.

(Contd. on page 5)

## Safety data sheet

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(Contd. of page 4)

The determined penetration times according to EN 374 part III are not performed under practical conditions. Therefore a maximum wearing time, which corresponds to 50% of the penetration time, is recommended.

- **Not suitable are gloves made of the following materials:** Strong material gloves
- **Eye protection:**



Tightly sealed goggles

### SECTION 9: Physical and chemical properties

#### · 9.1 Information on basic physical and chemical properties

##### · General Information

##### · Appearance:

Form: Liquid

Colour: White

· Odour: Characteristic

· Odour threshold: Not determined.

· pH-value at 20 °C: 10.1

##### · Change in condition

Melting point/Melting range: Undetermined.

Boiling point/Boiling range: 100 °C

· Flash point: Not applicable.

· Flammability (solid, gaseous): Not applicable.

##### · Ignition temperature:

Decomposition temperature: Not determined.

· Self-igniting: Product is not selfigniting.

· Danger of explosion: Product does not present an explosion hazard.

##### · Explosion limits:

Lower: Not determined.

Upper: Not determined.

· Vapour pressure at 20 °C: 23 hPa

· Density at 20 °C: 1.0041 g/cm<sup>3</sup>

· Relative density: Not determined.

· Vapour density: Not determined.

· Evaporation rate: Not determined.

· Solubility in / Miscibility with water:

Fully miscible.

· Partition coefficient (n-octanol/water): Not determined.

##### · Viscosity:

Dynamic: Not determined.

Kinematic: Not determined.

##### · Solvent content:

Organic solvents: 4.5 %

Solids content: 0.6 %

· 9.2 Other information: No further relevant information available.

### SECTION 10: Stability and reactivity

· 10.1 Reactivity: No further relevant information available.

· 10.2 Chemical stability

· Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.

· 10.3 Possibility of hazardous reactions: No dangerous reactions known.

· 10.4 Conditions to avoid: No further relevant information available.

(Contd. on page 6)

## Safety data sheet

### According to 1907/2006/EC, Article 31 REACH

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Version: 8

Revision: 11.05.2016

Trade name: AQUA SOJA

(Contd. of page 5)

- **10.5 Incompatible materials:** No further relevant information available.
- **10.6 Hazardous decomposition products:** No dangerous decomposition products known.

### SECTION 11: Toxicological information

- **11.1 Information on toxicological effects**
- **Acute toxicity** Based on available data, the classification criteria are not met.

#### · LD/LC50 values relevant for classification:

##### 69011-36-5 Isotidecanol, ethoxylated

Oral	LD50	500 - 2000 mg/kg (Rat) Literatuur waarde
	EC50	1 - 10 mg/ltr (Daphnia magna (water flea)) Literatuurwaarde

##### 64-02-8 tetrasodium ethylenediaminetetraacetate

Oral	LD50	1560 mg/kg (-)
Inhalative	LC50 / 4 h	>1000<5000 mg/ltr (-)
	LC50/ 8 h	1000-5000 mg/m <sup>3</sup> (Rat)
	LC50 / 96 h	>1000 mg/ltr (Lepomis Macrochirus (Bluegill Sunfish)) 33-189 mg/ltr (fish)
	EC 50 / 48 h	140 mg/ltr (Daphnia magna (water flea))
	EC 50 / 72 H	>300 (Desmodesmus subspicatus) (mg/L)

##### 5131-66-8 3-butoxypropan-2-ol

Oral	LD50	3300 mg/kg (Rat)
Dermal	LD50	>2000 mg/kg (Rat)
	LC50 / 96 h (static)	560-1000 mg/ltr (fish) (Poecilia reticulata)
	EC 50 / 48 h (static)	>1000 mg/ltr (Daphnia magna (water flea))
	EC 50 / 96 h (static)	>1000 mg/ltr (Selenastrum capricornutum (Algae))

##### 85536-14-7 dodecylbenzenesulfonic acid

Oral	LD50	1470 mg/kg (Rat) (OECD 401)
Dermal	LD50	>2000 mg/kg (Rat)
	LC50 / 96 h	>1-10 mg/ltr (Cyprinus Carpio) (OECD 203) >1-10 mg/ltr (Lepomis Macrochirus (Bluegill Sunfish)) 1-10 mg/ltr (Brachydanio rerio)
	EC 50 / 48 h	>1-10 mg/ltr (Daphnia magna (water flea)) (OECD 202)
	EC 50 / 72 H	>10-100 (Desmodesmus subspicatus) (mg/L OECD 201)

- **Primary irritant effect:**
- **Skin corrosion/irritation**  
Causes skin irritation.
- **Serious eye damage/irritation**  
Causes serious eye damage.
- **Respiratory or skin sensitisation** Based on available data, the classification criteria are not met.
- **CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)**
- **Germ cell mutagenicity** Based on available data, the classification criteria are not met.
- **Carcinogenicity** Based on available data, the classification criteria are not met.
- **Reproductive toxicity** Based on available data, the classification criteria are not met.
- **STOT-single exposure** Based on available data, the classification criteria are not met.
- **STOT-repeated exposure** Based on available data, the classification criteria are not met.
- **Aspiration hazard** Based on available data, the classification criteria are not met.

### SECTION 12: Ecological information

#### · 12.1 Toxicity

##### · Aquatic toxicity:

##### 69011-36-5 Isotidecanol, ethoxylated

OECD test 301 A	> 70 (biodegradation in % after 28 days)
OECD test 301 B	> 60 (biodegradation in % after 28 days)

(Contd. on page 7)

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Trade name: AQUA SOJA

(Contd. of page 6)

**5131-66-8 3-butoxypropan-2-ol**

OECD test 301 E | 90 (biodegradation in % after 28 days)

**85536-14-7 dodecylbenzenesulfonic acid**

OECD test 301 A | &gt;70 (biodegradation in % after 28 days)

- **12.2 Persistence and degradability** No further relevant information available.
- **12.3 Bioaccumulative potential** No further relevant information available.
- **12.4 Mobility in soil** No further relevant information available.
- **Additional ecological information:**
- **General notes:**  
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.  
Must not reach sewage water or drainage ditch undiluted or unneutralised.
- **12.5 Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **12.6 Other adverse effects** No further relevant information available.

**SECTION 13: Disposal considerations**

- **13.1 Waste treatment methods**
- **Recommendation** Disposal must be made according to official regulations
- **Uncleaned packaging:**
- **Recommendation:** Disposal must be made according to official regulations.

**SECTION 14: Transport information**

- |  |                 |
|--|-----------------|
| · <b>14.1 UN-Number</b><br>· ADR, ADN, IMDG, IATA                                | Void            |
| · <b>14.2 UN proper shipping name</b><br>· ADR, ADN, IMDG, IATA                  | Void            |
| · <b>14.3 Transport hazard class(es)</b><br>· ADR, ADN, IMDG, IATA<br>· Class    | Void            |
| · <b>14.4 Packing group</b><br>· ADR, IMDG, IATA                                 | Void            |
| · <b>14.5 Environmental hazards:</b><br>· Marine pollutant:                      | No              |
| · <b>14.6 Special precautions for user</b>                                       | Not applicable. |
| · <b>14.7 Transport in bulk according to Annex II of Marpol and the IBC Code</b> | Not applicable. |
| · <b>UN "Model Regulation":</b>  | Void            |

**SECTION 15: Regulatory information**

- **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**  
Reg. (EC) n. 1272/2008 - CLP;  
Reg. (EC) n. 1907/2006 – Reach;  
Reg. (EC) n. 2015/830 annex II of REACH;  
Reg. (EC) n. 648/04 (Detergents);  
Reg. (EC) n. 528/12 (Biocides BPR);  
Reg. (EC) n. 1223/2009 (Cosmetics);  
Dir. 06/08 ADR – RID - IMDG - IATA;  
Dir. 47/08 (Aerosols); Dir. 12/18 (Seveso III);  
Dir. 2008/98/CE and Reg. (EC) n.1357/2014 (Waste management)
- **Directive 2012/18/EU**
- **Named dangerous substances - ANNEX I** None of the ingredients is listed.

(Contd. on page 8)

GB



**Safety data sheet**  
According to 1907/2006/EC, Article 31 REACH

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**Trade name:** AQUA SOJA

(Contd. of page 7)

· **National regulations:**· **Technical instructions (air):**

Class	Share in %
NK	0,1-1

· **Waterhazard class:** Water hazard class 1 (Self-assessment): slightly hazardous for water.· **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

## SECTION 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.

H315 Causes skin irritation.

H318 Causes serious eye damage.

H319 Causes serious eye irritation.

H332 Harmful if inhaled.

H412 Harmful to aquatic life with long lasting effects.

· **Department issuing SDS:**

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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)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

DNEL: Derived No-Effect Level (REACH)

PNEC: Predicted No-Effect Concentration (REACH)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

Acute Tox. 4: Acute toxicity, Hazard Category 4

Skin Corr. 1B: Skin corrosion/irritation, Hazard Category 1B

Skin Irrit. 2: Skin corrosion/irritation, Hazard Category 2

Eye Dam. 1: Serious eye damage/eye irritation, Hazard Category 1

Eye Irrit. 2: Serious eye damage/eye irritation, Hazard Category 2

Aquatic Chronic 3: Hazardous to the aquatic environment - Chronic Hazard, Category 3

· **\* Data compared to the previous version altered.**

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