



---

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

### 1.1. Product identifier

Mixture identification:

Trade name: Omino Bianco IDROCAPS DETERSIVO - VERDE

Product code: 1F0104

Product type and use: Laundry detergent

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

Recommended use:

See label: instructions and precautions

Uses advised against:

See label: instructions and precautions.

### 1.3. Details of the supplier of the safety data sheet

Company:

BOLTON MANITOBA SPA

Via Pirelli, 19

20124 Milano - Italy

Tel. +39 02 6709 333 - Fax +39 0362 378 228

Distributor:

Alf.Mizzi & Sons (Mktg) Group

Zachary House

Marsa Industrial Estate -

MARSA LQA 06 -MALTA - tel. 00356 2554 0000

+39 02 6709 333

Competent person responsible for the safety data sheet:

safetyinfo@boltonmanitoba.it

### 1.4. Emergency telephone number

+39 02 6709 333

00356 2554 0000

112

---

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

EC regulation criteria 1272/2008 (CLP)

⚠ Warning, Skin Irrit. 2, Causes skin irritation.

⚠ Warning, Eye Irrit. 2, Causes serious eye irritation.

Aquatic Chronic 3, Harmful to aquatic life with long lasting effects.

For the following hazards the mixture is classified on the basis of the elements indicated below, different from conventional calculation: a. eye

Adverse physicochemical, human health and environmental effects:

No other hazards

### 2.2. Label elements

Hazard pictograms:



Warning

Hazard statements:

H315 Causes skin irritation.

H319 Causes serious eye irritation.



H412 Harmful to aquatic life with long lasting effects.

Precautionary statements:

P101 If medical advice is needed, have product container or label at hand.

P102 Keep out of reach of children.

P280 Wear eye protection.

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

P337+P313 If eye irritation persists: Get medical advice/attention.

P501 Dispose of contents/container in accordance with applicable regulations.

Special Provisions:

None

Contains

1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one: May produce an allergic reaction.

HEXYL SALICYLATE: May produce an allergic reaction.

2.3. Other hazards

vPvB Substances: None - PBT Substances: None

Other Hazards:

No other hazards

Composition labelling (Detergent Regulation 648/2004/EC).

Ingredients - 648/2004/EC (www.boltondet.com):

> 30 % soap  
 15 - 30 % non-ionic surfactants  
 5 - 15 % anionic surfactants  
 < 5 % phosphonates

Also contains: enzymes, perfumes

Allergens: benzyl benzoate, limonene, citronellol, eugenol, geraniol, butylphenyl methylpropional

### SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Hazardous components within the meaning of the CLP regulation and related classification:

Qty	Name	Ident. Number	Classification
>= 30% - < 40%	FATTY ACIDS, COCO, COMPDS. WITH ETHANOLAMINE	CAS: 66071-80-5 EC: 266-105-0	⚠ 3.2/2 Skin Irrit. 2 H315 ⚠ 3.3/2 Eye Irrit. 2 H319
>= 20% - < 25%	ALCOHOL, ETHOXYLATED	CAS: 68002-97-1 EC: 500-182-6	⚠ 3.1/4/Oral Acute Tox. 4 H302 ⚠ 3.3/1 Eye Dam. 1 H318 4.1/C3 Aquatic Chronic 3 H412
>= 7% - < 10%	BENZENESULFONIC ACID, MONO C10-13- ALKYL DERIVS., COMPOUNDS WITH ETHANOLAMINE	CAS: 85480-55-3 EC: 287-335-8	⚠ 3.1/4/Oral Acute Tox. 4 H302 ⚠ 3.2/2 Skin Irrit. 2 H315 ⚠ 3.3/1 Eye Dam. 1 H318
>= 1% -	ethanol; ethyl alcohol	Index 603-002-00-5	⚠ 2.6/2 Flam. Liq. 2 H225



< 3%		number: 64-17-5 CAS: EC: 200-578-6	⚠ 3.3/2 Eye Irrit. 2 H319
>= 0,1% - < 0,25%	1-(1,2,3,4,5,6,7,8- Octahydro-2,3,8,8- tetramethyl-2-naphthyl) ethan-1-one	CAS: 68155-66-8	⚠ 3.2/2 Skin Irrit. 2 H315 ⚠ 3.4.2/1 Skin Sens. 1 H317 ⚠ 4.1/A1 Aquatic Acute 1 H400 ⚠ 4.1/C1 Aquatic Chronic 1 H410
>= 0,1% - < 0,25%	HEXYL SALICYLATE	CAS: 6259-76-3 EC: 228-408-6	⚠ 3.2/2 Skin Irrit. 2 H315 ⚠ 3.3/2 Eye Irrit. 2 H319 ⚠ 3.4.2/1 Skin Sens. 1 H317 ⚠ 4.1/A1 Aquatic Acute 1 H400 ⚠ 4.1/C1 Aquatic Chronic 1 H410

For full text of the R, H and EUH sentences mentioned in this Section, see Section 16. Exposure limits in the workplace, if available, are listed in Section 8.1.

[1] Exempted: ionic mixture. See Regulation 1907/2006/EC, Annex 5, paragraphs 3 and 4 and "Guidance for Annex V - Exemptions from the obligation to register" ([http://echa.europa.eu/documents/10162/13632/annex\\_v\\_en.pdf](http://echa.europa.eu/documents/10162/13632/annex_v_en.pdf)). This salt is potentially present on the basis of calculations and is included in the list of substances for the purposes of classification and labeling only. The starting substances of the ionic mixture are registered or exempted.

[2] Exempted: Included in Annex IV of Regulation 1907/2006/EC.

[3] Exempted: Included in Annex V of Regulation 1907/2006/EC.

[4] Polymer, exempted under Article. 2.9 of Regulation 1907/2006/EC.

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

In case of skin contact:

Immediately take off all contaminated clothing.

Areas of the body that have - or are only even suspected of having - come into contact with the product must be rinsed immediately with plenty of running water and possibly with soap.

Wash thoroughly the body (shower or bath).

Remove contaminated clothing immediately and dispose off safely.

After contact with skin, wash immediately with soap and plenty of water.

In case of eyes contact:

After contact with the eyes, rinse with water with the eyelids open for a sufficient length of time, then consult an ophthalmologist immediately.

Protect uninjured eye.

In case of Ingestion:

Do NOT induce vomiting.

In case of Inhalation:

Remove casualty to fresh air and keep warm and at rest.

### 4.2. Most important symptoms and effects, both acute and delayed

None

### 4.3. Indication of any immediate medical attention and special treatment needed

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

Treatment:

None

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media



Suitable extinguishing media:

Water.

Carbon dioxide (CO<sub>2</sub>).

Extinguishing media which must not be used for safety reasons:

None in particular.

5.2. Special hazards arising from the substance or mixture

Do not inhale explosion and combustion gases.

Burning produces heavy smoke.

5.3. Advice for firefighters

Use suitable breathing apparatus .

Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

Move undamaged containers from immediate hazard area if it can be done safely.

---

## **SECTION 6: Accidental release measures**

6.1. Personal precautions, protective equipment and emergency procedures

Wear personal protection equipment.

Remove persons to safety.

See protective measures under point 7 and 8.

6.2. Environmental precautions

Do not allow to enter into soil/subsoil. Do not allow to enter into surface water or drains.

Retain contaminated washing water and dispose it.

In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.

Suitable material for taking up: absorbing material, organic, sand

6.3. Methods and material for containment and cleaning up

Wash with plenty of water.

6.4. Reference to other sections

See also section 8 and 13

---

## **SECTION 7: Handling and storage**

7.1. Precautions for safe handling

Avoid contact with skin and eyes, inhalation of vapours and mists.

Don't use empty container before they have been cleaned.

Before making transfer operations, assure that there aren't any incompatible material residuals in the containers.

Contaminated clothing should be changed before entering eating areas.

Do not eat or drink while working.

See also section 8 for recommended protective equipment.

7.2. Conditions for safe storage, including any incompatibilities

Keep away from food, drink and feed.

Incompatible materials:

None in particular.

Instructions as regards storage premises:

Adequately ventilated premises.

7.3. Specific end use(s)

None in particular

---

## **SECTION 8: Exposure controls/personal protection**

8.1. Control parameters

ethanol; ethyl alcohol - CAS: 64-17-5

ACGIH - STEL: 1000 ppm - Notes: A3 - URT irr

DNEL Exposure Limit Values

Not applicable



PNEC Exposure Limit Values

Not applicable

8.2. Exposure controls

Eye protection:

Eye glasses.

Protection for skin:

Use clothing that provides comprehensive protection to the skin, e.g. cotton, rubber, PVC or viton.

Protection for hands:

waterproof gloves

Disposable gloves.

Suitable material:

Butyl caoutchouc (butyl rubber).

NR (natural rubber, natural latex).

PE (polyethylene).

NBR (nitrile rubber).

Respiratory protection:

Not needed for normal use.

Thermal Hazards:

None

Environmental exposure controls:

None

Appropriate engineering controls:

None

## SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Properties	Value	Method:	Notes:
Appearance:	Transparent liquid	--	--
Colour:	Green	--	--
Odour:	Characteristic	--	--
Odour threshold:	Not applicable	--	smell distinctly perceptible under normal use conditions.
pH:	8	--	the product as such (100%)
Melting point / freezing point:	Not Relevant	--	property not pertinent or not relevant to the safety and product classification
Initial boiling point and boiling range:	N.D.	--	This property is not pertinent or not relevant to the safety and product classification
Flash point:	Not Relevant	--	Will not burn



Evaporation rate:	Not Relevant	--	poorly volatile
Solid/gas flammability:	Not applicable	--	liquid product
Upper/lower flammability or explosive limits:	Not Relevant	--	it does not burn
Vapour pressure:	Not Relevant	--	lower than water: < 2300 mPa
Vapour density:	Not Relevant	--	similar to air
Relative density:	1.02 kg/l	--	0
Solubility in water:	Complete	--	--
Solubility in oil:	Partial	--	--
Partition coefficient (n-octanol/water):	Not applicable	--	mixture of many different substances
Auto-ignition temperature:	Not Relevant	--	not flammable
Decomposition temperature:	Not Relevant	--	Property is not relevant or not relevant to the safety and product classification
Viscosity:	250 cps	--	@20°C
Explosive properties:	Not applicable	--	does not contain substances associated with explosive properties.
Oxidizing properties:	Not applicable	--	It does not contain oxidizing substances

#### 9.2. Other information

Properties	Value	Method:	Notes:
Miscibility:	Not Relevant	--	--
Fat Solubility:	Not Relevant	--	--
Conductivity:	Not Relevant	--	--
Substance Groups relevant properties	Not Relevant	--	--

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No known particular risks of reaction with other substances in normal conditions of use.  
Stable under normal conditions

### 10.2. Chemical stability



- The product is stable under normal storage conditions (between -10 °C and + 50 °C)  
Stable under normal conditions
- 10.3. Possibility of hazardous reactions  
No known particular risks of reaction with other substances in normal conditions of use.  
None
- 10.4. Conditions to avoid  
none in particular. Follow the directions of the sections 7 and 8.  
Stable under normal conditions.
- 10.5. Incompatible materials  
There is no known specific problems of incompatibility  
None in particular.
- 10.6. Hazardous decomposition products  
No decomposition occurs if used for the intended uses and under the intended conditions.  
None.

---

## SECTION 11: Toxicological information

- 11.1. Information on toxicological effects  
Toxicological information of the product:  
Not applicable
- Toxicological information of the main substances found in the product:  
ALCOHOL, ETHOXYLATED - CAS: 68002-97-1  
a) acute toxicity:  
Test: LD50 - Route: Oral - Species: Rat = 1700 mg/kg  
Test: LD50 - Route: Skin - Species: Rat > 2000 mg/kg  
BENZENESULFONIC ACID, MONO C10-13-ALKYL DERIVS., COMPOUNDS WITH  
ETHANOLAMINE - CAS: 85480-55-3  
a) acute toxicity:  
Test: LD50 - Route: Oral - Species: Rat = 1080 mg/kg  
ethanol; ethyl alcohol - CAS: 64-17-5  
a) acute toxicity:  
Test: LD50 - Route: Oral - Species: Rat = 1501 mg/kg  
Test: LC50 - Route: Inhalation - Species: Rat = 5.9 mg/l - Duration: 9

If not differently specified, the information required in Regulation (EU)2015/830 listed below must be considered as N.A.:

- a) acute toxicity;
- b) skin corrosion/irritation;
- c) serious eye damage/irritation;
- d) respiratory or skin sensitisation;
- e) germ cell mutagenicity;
- f) carcinogenicity;
- g) reproductive toxicity;
- h) STOT-single exposure;
- i) STOT-repeated exposure;
- j) aspiration hazard.

---

## SECTION 12: Ecological information

- 12.1. Toxicity  
Adopt good working practices, so that the product is not released into the environment.  
Not applicable
- 12.2. Persistence and degradability  
None  
Not applicable
- 12.3. Bioaccumulative potential



- Not applicable
- 12.4. Mobility in soil  
Not applicable
- 12.5. Results of PBT and vPvB assessment  
vPvB Substances: None - PBT Substances: None
- 12.6. Other adverse effects  
None

---

### **SECTION 13: Disposal considerations**

- 13.1. Waste treatment methods  
Recover if possible. In so doing, comply with the local and national regulations currently in force.

---

### **SECTION 14: Transport information**

- 14.1. UN number  
Not classified as dangerous in the meaning of transport regulations.
- 14.2. UN proper shipping name  
Not applicable
- 14.3. Transport hazard class(es)  
Not applicable
- 14.4. Packing group  
Not applicable
- 14.5. Environmental hazards  
ADR-Environmental Pollutant: No
- 14.6. Special precautions for user  
Not applicable
- 14.7. Transport in bulk according to Annex II of Marpol and the IBC Code  
Not applicable

---

### **SECTION 15: Regulatory information**

- 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture
  - Dir. 98/24/EC (Risks related to chemical agents at work)
  - Dir. 2000/39/EC (Occupational exposure limit values)
  - Regulation (EC) n. 1907/2006 (REACH)
  - Regulation (EC) n. 1272/2008 (CLP)
  - Regulation (EC) n. 790/2009 (ATP 1 CLP) and (EU) n. 758/2013
  - Regulation (EU) 2015/830
  - Regulation (EU) n. 286/2011 (ATP 2 CLP)
  - Regulation (EU) n. 618/2012 (ATP 3 CLP)
  - Regulation (EU) n. 487/2013 (ATP 4 CLP)
  - Regulation (EU) n. 944/2013 (ATP 5 CLP)
  - Regulation (EU) n. 605/2014 (ATP 6 CLP)
  - Regulation (EU) n. 2015/1221 (ATP 7 CLP)
  - Regulation (EU) n. 2016/918 (ATP 8 CLP)
  - Regulation (EU) n. 2016/1179 (ATP 9 CLP)
  - Regulation (EU) n. 2017/776 (ATP 10 CLP)
- Restrictions related to the product or the substances contained according to Annex XVII Regulation (EC) 1907/2006 (REACH) and subsequent modifications:
  - Restrictions related to the product:
    - Restriction 3
    - Restriction 40
  - Restrictions related to the substances contained:





No restriction.

Where applicable, refer to the following regulatory provisions :

Directive 2012/18/EU (Seveso III)  
Regulation (EC) nr 648/2004 (detergents).  
Dir. 2004/42/EC (VOC directive)

Provisions related to directive EU 2012/18 (Seveso III):

Seveso III category according to Annex 1, part 1  
None

15.2. Chemical safety assessment

No Chemical Safety Assessment has been carried out for the mixture.

## SECTION 16: Other information

Text of phrases referred to under heading 3:

H315 Causes skin irritation.  
H319 Causes serious eye irritation.  
H302 Harmful if swallowed.  
H318 Causes serious eye damage.  
H412 Harmful to aquatic life with long lasting effects.  
H225 Highly flammable liquid and vapour.  
H317 May cause an allergic skin reaction.  
H400 Very toxic to aquatic life.  
H410 Very toxic to aquatic life with long lasting effects.

Hazard class and hazard category	Code	Description
Flam. Liq. 2	2.6/2	Flammable liquid, Category 2
Acute Tox. 4	3.1/4/Oral	Acute toxicity (oral), Category 4
Skin Irrit. 2	3.2/2	Skin irritation, Category 2
Eye Dam. 1	3.3/1	Serious eye damage, Category 1
Eye Irrit. 2	3.3/2	Eye irritation, Category 2
Skin Sens. 1	3.4.2/1	Skin Sensitisation, Category 1
Aquatic Acute 1	4.1/A1	Acute aquatic hazard, category 1
Aquatic Chronic 1	4.1/C1	Chronic (long term) aquatic hazard, category 1
Aquatic Chronic 3	4.1/C3	Chronic (long term) aquatic hazard, category 3

Classification and procedure used to derive the classification for mixture according to Regulation (EC) 1272/2008 (CLP):

Acute Tox (not cl): by ATE calculation

Skin Irrit 2 (H315): by calculation

Aq.Cronic 3 (H412): by calculation method

3.3/2 eye irritant cat 2: DetNet/795

Paragraphs modified from the previous revision:



SECTION 3: Composition/information on ingredients

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:

Classification according to Regulation (EC) Nr. 1272/2008	Classification procedure
Skin Irrit. 2, H315	Calculation method
Eye Irrit. 2, H319	Weight of evidence and expert judgement
Aquatic Chronic 3, H412	Calculation method

This document was prepared by a competent person who has received appropriate training.

Main bibliographic sources:

ACGIH - Threshold Limit Values for Chemical Substances ([www.acgih.org](http://www.acgih.org))

The information contained herein is based on our state of knowledge at the above-specified date. It refers solely to the product indicated and constitutes no guarantee of particular quality.

It is the duty of the user to ensure that this information is appropriate and complete with respect to the specific use intended.

This SDS cancels and replaces any preceding release.

User is responsible of complying all current and pertaining legislations, regulations and directives.

Company is not liable for any damage to persons or goods, caused by improper usage of information given in this safety data sheet.

ADR:	European Agreement concerning the International Carriage of Dangerous Goods by Road.
ATE:	Acute Toxicity Estimate
ATEmix:	Acute toxicity Estimate (Mixtures)
CAS:	Chemical Abstracts Service (division of the American Chemical Society).
CLP:	Classification, Labeling, Packaging.
DNEL:	Derived No Effect Level.
EINECS:	European Inventory of Existing Commercial Chemical Substances.
GefStoffVO:	Ordinance on Hazardous Substances, Germany.
GHS:	Globally Harmonized System of Classification and Labeling of Chemicals.
IATA:	International Air Transport Association.
IATA-DGR:	Dangerous Goods Regulation by the "International Air Transport Association" (IATA).
ICAO:	International Civil Aviation Organization.
ICAO-TI:	Technical Instructions by the "International Civil Aviation Organization" (ICAO).
IMDG:	International Maritime Code for Dangerous Goods.
INCI:	International Nomenclature of Cosmetic Ingredients.
KSt:	Explosion coefficient.
LC50:	Lethal concentration, for 50 percent of test population.
LD50:	Lethal dose, for 50 percent of test population.
N.A.:	Not applicable
N.D.:	Not available
PNEC:	Predicted No Effect Concentration.

**Omino Bianco IDROCAPS DETERSIVO - VERDE**  
**SAFETY DATA SHEET (Regulation (EU) 2015/830)**



RID: Regulation Concerning the International Transport of Dangerous Goods  
by Rail.  
STEL: Short Term Exposure limit.  
STOT: Specific Target Organ Toxicity.  
TLV: Threshold Limiting Value.  
TWA: Time-weighted average  
WGK: German Water Hazard Class.