



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

### 1.1. Product identifier

Mixture identification:

Trade name: Omino Bianco detersivo lavatrice ninfea rosa  
Product code: 1F0171  
Product type and use: Laundry detergent  
UFI: Y4EX-48EF-Y00R-MVCV

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

Recommended use:

See label: instructions and precautions

Uses advised against:

Uses different from those indicated on the packaging or recommended in this document.

### 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. +356 2554 0000

+39 02 6709 333

Competent person responsible for the safety data sheet:

[safetyinfo@boltonmanitoba.it](mailto:safetyinfo@boltonmanitoba.it)

### 1.4. Emergency telephone number

+39 02 6709 333

+356 2554 0000

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## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

EC regulation criteria 1272/2008 (CLP)

⚠ 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:

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.
- P264 Wash thoroughly hands after handling.
- P280 Wear eye/face 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**

reaction mass of: 5-chloro-2- methyl-4-isothiazolin-3-one [EC no. 247-500-7]and 2-methyl-2H -isothiazol-3- one [EC no. 220-239-6] (3:1); reaction mass of: 5-chloro-2- methyl-4-isothiazolin-3-one [EC no. 247-500-7]and 2-methyl-4-isothiazolin-3- one [EC no. 220-239-6] (3:1): May produce an allergic reaction.

**2.3. Other hazards**

No PBT, vPvB or endocrine disruptor substances present in concentration >= 0.1%

**Other Hazards:**

No other hazards

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

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

5 - 15 % anionic surfactants, non-ionic surfactants

< 5 % soap

Also contains: enzymes, perfumes, optical brighteners

Allergens: benzyl benzoate, hexyl cinnamal, benzyl salicylate, coumarin, linalool, tetramethyl acetyloctahydronaphthalenes

Preservatives reaction mass of: 5-chloro-2- methyl-4-isothiazolin-3-one [EC no. 247-500-7]and 2-methyl-2H -isothiazol-3- one [EC no. 220-239-6] (3:1); reaction mass of: 5-chloro-2- methyl-4-isothiazolin-3-one [EC no. 247-500-7]and 2- methyl-4-isothiazolin-3- one [EC no. 220-239-6] (3:1)

**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
>= 5% - < 7%	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 Specific Concentration Limits: C >= 10%: Eye Dam. 1 H318 1% <= C < 10%: Eye Irrit. 2 H319
>= 5% - < 7%	SODIUM C10-13 ALKYL BENZENESULFONATE	CAS: 68411-30-3 EC: 270-115-0	⚠ 3.1/4/Oral Acute Tox. 4 H302 4.1/C3 Aquatic Chronic 3 H412 ⚠ 3.2/2 Skin Irrit. 2 H315 ⚠ 3.3/1 Eye Dam. 1 H318



>= 1% - < 3%	SODIUM ALKYL ETHER SULFATE	CAS: 68891-38-3 EC: 500-234-8 REACH No.: 01- 2119488639 -16-XXXX	<p>⚠ 3.2/2 Skin Irrit. 2 H315                  ⚠ 3.3/1 Eye Dam. 1 H318                  4.1/C3 Aquatic Chronic 3 H412                  Specific Concentration Limits:                  C &gt;= 10%: Eye Dam. 1 H318                  5% &lt;= C &lt; 10%: Eye Irrit. 2 H319</p>
< 0,0015%	reaction mass of: 5-chloro-2- methyl-4-isothiazolin-3-one [EC no. 247-500-7]and 2-methyl-2H -isothiazol-3-one [EC no. 220-239-6] (3:1); reaction mass of: 5-chloro-2- methyl-4-isothiazolin-3-one [EC no. 247-500-7]and 2-methyl-4-isothiazolin-3-one [EC no. 220-239-6] (3:1)	Index number: 613-167-00-5 CAS: 55965-84-9 REACH No.: 01- 2120764691 -48-XXXX	<p>⚠ 3.2/1B Skin Corr. 1B H314                  ⚠ 3.4.2/1A Skin Sens. 1A H317                  ⚠ 4.1/A1 Aquatic Acute 1 H400                  M=100.                  ⚠ 4.1/C1 Aquatic Chronic 1 H410                  M=100.                  ⚠ 3.1/3/Oral Acute Tox. 3 H301                  ⚠ 3.1/2/Dermal Acute Tox. 2 H310                  ⚠ 3.1/2/Inhal Acute Tox. 2 H330                  EUH071                  Specific Concentration Limits:                  C &gt;= 0,6%: Eye Dam. 1 H318                  C &gt;= 0,0015%: Skin Sens. 1A H317                  0,06% &lt;= C &lt; 0.6%: Skin Irrit. 2                  H315                  0,06% &lt;= C &lt; 0.6%: Eye Irrit. 2                  H319                  C &gt;= 0,6%: Skin Corr. 1C H314</p>

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 under any circumstances induce vomiting. OBTAIN A MEDICAL EXAMINATION IMMEDIATELY.



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

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## **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.

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## **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

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## **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.

See also section 8 for recommended protective equipment.

Advice on general occupational hygiene:

Contaminated clothing should be changed before entering eating areas.

Do not eat or drink while working.

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

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## SECTION 8: Exposure controls/personal protection

8.1. Control parameters

No occupational exposure limit available

DNEL Exposure Limit Values

SODIUM C10-13 ALKYL BENZENESULFONATE - CAS: 68411-30-3

Worker Industry: 170 mg/kg bw/d - Consumer: 85 mg/kg bw/d - Exposure: Human Dermal - Frequency: Short Term, systemic effects

Worker Industry: 12 mg/m<sup>3</sup> - Consumer: 3 mg/m<sup>3</sup> - Exposure: Human Inhalation - Frequency: Long Term, systemic effects

Consumer: 0.85 mg/kg bw/d - Exposure: Human Oral - Frequency: Long Term, systemic effects

SODIUM ALKYL ETHER SULFATE - CAS: 68891-38-3

Consumer: 15 mg/kg bw/d - Exposure: Human Oral - Frequency: Long Term, systemic effects

Worker Professional: 175 mg/m<sup>3</sup> - Consumer: 52 mg/m<sup>3</sup> - Exposure: Human Inhalation - Frequency: Long Term, systemic effects

Worker Professional: 2750 mg/kg bw/d - Consumer: 1650 mg/kg bw/d - Exposure: Human Dermal - Frequency: Long Term, systemic effects

PNEC Exposure Limit Values

SODIUM C10-13 ALKYL BENZENESULFONATE - CAS: 68411-30-3

Target: Fresh Water - Value: 0.268 mg/l

Target: Marine water - Value: 0.0268 mg/l

Target: Freshwater sediments - Value: 8.1 mg/kg

Target: Microorganisms in sewage treatments - Value: 3.43 mg/l

SODIUM ALKYL ETHER SULFATE - CAS: 68891-38-3

Target: Fresh Water - Value: 0.24 mg/l

Target: Marine water - Value: 0.024 mg/l

Target: Marine water sediments - Value: 0.092 mg/kg

Target: Freshwater sediments - Value: 0.917 mg/kg

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:

Use protective gloves that provides comprehensive protection, e.g. P.V.C., neoprene or 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:
Physical state:	Liquid	--	--
Colour:	Pink	--	--
Odour:	Characteristic	--	--
Odour threshold:	ND	--	smell distinctly perceptible under normal use conditions.
Melting point/freezing point:	Not Relevant	--	property not pertinent or not relevant to the safety and product classification
Boiling point or initial boiling point and boiling range:	Not Relevant	--	This property is not pertinent or not relevant to the safety and product classification
Flammability:	Not applicable	--	--
Lower and upper explosion limit:	Not Relevant	--	it does not burn
Flash point:	Not Relevant	--	Will not burn
Auto-ignition temperature:	Not applicable	--	not flammable
Decomposition temperature:	Not Relevant	--	Property is not relevant or not relevant to the safety and product classification
pH:	9.15	--	the product as such (100%)
Kinematic viscosity:	Not applicable	--	--
Solubility in water:	Complete	--	--
Solubility in oil:	Insoluble	--	--
Partition coefficient n-octanol/water (log value):	Not Relevant	--	mixture of many different substances



Vapour pressure:	Not Relevant	--	lower than water: < 2300 mPa
Density and/or relative density:	1.023 kg/l	--	0
Relative vapour density:	Not Relevant	--	--
Particle characteristics:			
Particle size:	Not applicable	--	--

#### 9.2. Other information

Properties	Value	Method:	Notes:
Viscosity:	550 mPa.s	--	@20°C

## 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 hazard classes as defined in Regulation (EC) No 1272/2008

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

SODIUM C10-13 ALKYL BENZENESULFONATE - CAS: 68411-30-3

a) acute toxicity:

Test: LD50 - Route: Oral - Species: Rat 1080 mg/kg

SODIUM ALKYL ETHER SULFATE - CAS: 68891-38-3

a) acute toxicity:

Test: LD50 - Route: Oral > 2500 mg/kg



Test: 15 - Route: Skin > 2000  
Test: LC50 - Route: Inhalation = 5.71 mg/l - Duration: 4h  
Test: LD50 - Route: Skin > 2000 18206.13

reaction mass of: 5-chloro-2- methyl-4-isothiazolin-3-one [EC no. 247-500-7]and 2-methyl-2H  
-isothiazol-3- one [EC no. 220-239-6] (3:1); reaction mass of: 5-chloro-2-  
methyl-4-isothiazolin-3-one [EC no. 247-500-7]and 2-methyl-4-isothiazolin-3- one [EC no.  
220-239-6] (3:1) - CAS: 55965-84-9

a) acute toxicity:

Test: LD50 - Route: Oral - Species: Rat = 100 mg/kg  
Test: LD50 - Route: Skin - Species: Rat = 50 mg/kg  
Test: LC50 - Route: Inhalation - Species: Rat = 0.31 mg/l

If not differently specified, the information required in Regulation (EU)2020/878 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.

#### 11.2. Information on other hazards

Endocrine disrupting properties:

No endocrine disruptor substances present in concentration  $\geq 0.1\%$

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## SECTION 12: Ecological information

### 12.1. Toxicity

Adopt good working practices, so that the product is not released into the environment.

SODIUM C10-13 ALKYL BENZENESULFONATE - CAS: 68411-30-3

a) Aquatic acute toxicity:

Endpoint: EC50 - Species: Daphnia > 5 mg/l - Duration h: 48  
Endpoint: 9 - Species: Algae > 1 mg/l - Duration h: 72  
Endpoint: LC50 - Species: Fish > 1 mg/l - Duration h: 96  
Endpoint: EC50 - Species: Algae = 29 mg/l - Duration h: 96

SODIUM ALKYL ETHER SULFATE - CAS: 68891-38-3

a) Aquatic acute toxicity:

Endpoint: LC50 - Species: Fish > 1 mg/l - Duration h: 96  
Endpoint: EC50 - Species: Algae = 7.5 mg/l - Duration h: 48

b) Aquatic chronic toxicity:

Endpoint: NOEC - Species: Fish = 1 12  
Endpoint: NOEC - Species: Fish = 0.14 mg/l - Notes: 28d

reaction mass of: 5-chloro-2- methyl-4-isothiazolin-3-one [EC no. 247-500-7]and 2-methyl-2H  
-isothiazol-3- one [EC no. 220-239-6] (3:1); reaction mass of: 5-chloro-2-  
methyl-4-isothiazolin-3-one [EC no. 247-500-7]and 2-methyl-4-isothiazolin-3- one [EC no.  
220-239-6] (3:1) - CAS: 55965-84-9

a) Aquatic acute toxicity:

Endpoint: 9 - Species: Algae 0.379 mg/l - Duration h: 72  
Endpoint: EC50 - Species: Daphnia 1.02 mg/l - Duration h: 48  
Endpoint: LC50 - Species: Fish 0.58 mg/l - Duration h: 96

b) Aquatic chronic toxicity:

Endpoint: NOEC - Species: Algae 0.01 mg/l - Duration h: 72





- 12.2. Persistence and degradability  
None  
SODIUM ALKYL ETHER SULFATE - CAS: 68891-38-3  
Biodegradability: Readily biodegradable
- 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. Endocrine disrupting properties  
No endocrine disruptor substances present in concentration  $\geq 0.1\%$
- 12.7. Other adverse effects  
None

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### 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.

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### SECTION 14: Transport information

- 14.1. UN number or ID 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  
IMDG-Marine pollutant: No
- 14.6. Special precautions for user  
Not applicable
- 14.7. Maritime transport in bulk according to IMO instruments  
Not applicable

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### 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) n. 2020/878  
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)  
Regulation (EU) n. 2018/669 (ATP 11 CLP)  
Regulation (EU) n. 2018/1480 (ATP 13 CLP)  
Regulation (EU) n. 2019/521 (ATP 12 CLP)  
Regulation (EU) n. 2020/217 (ATP 14 CLP)  
Regulation (EU) n. 2020/1182 (ATP 15 CLP)  
Regulation (EU) n. 2021/643 (ATP 16 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

Restrictions related to the substances contained:

Restriction 75

Where applicable, refer to the following regulatory provisions :

Directive 2012/18/EU (Seveso III)

Regulation (EC) nr 648/2004 (detergents).

The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents. 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.

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:

H302 Harmful if swallowed.

H318 Causes serious eye damage.

H412 Harmful to aquatic life with long lasting effects.

H319 Causes serious eye irritation.

H315 Causes skin irritation.

H314 Causes severe skin burns and eye damage.

H317 May cause an allergic skin reaction.

H400 Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects.

H301 Toxic if swallowed.

H310 Fatal in contact with skin.

H330 Fatal if inhaled.

EUH071 Corrosive to the respiratory tract.

Hazard class and hazard category	Code	Description
Acute Tox. 2	3.1/2/Dermal	Acute toxicity (dermal), Category 2
Acute Tox. 2	3.1/2/Inhal	Acute toxicity (inhalation), Category 2
Acute Tox. 3	3.1/3/Oral	Acute toxicity (oral), Category 3



Acute Tox. 4	3.1/4/Oral	Acute toxicity (oral), Category 4
Skin Corr. 1B	3.2/1B	Skin corrosion, Category 1B
Skin Corr. 1C	3.2/1C	Skin corrosion, Category 1C
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. 1A	3.4.2/1A	Skin Sensitisation, Category 1A
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 mixtures according to Regulation (EC) 1272/2008 [CLP]:

<b>Classification according to Regulation (EC) Nr. 1272/2008</b>	<b>Classification procedure</b>
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.

**Omino Bianco detersivo lavatrice ninfea rosa**  
**SAFETY DATA SHEET (Regulation (EU) 2020/878)**



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.
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.