



## SAFETY DATA SHEET

(acc. to Regulation (EC) no. 1907/2006 of the European Parliament and of the Council)

Date of issue / version no.: 1 June 2015 / 0

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Product name: **Perla concentrated fabric softener Spring blossom**

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

#### 1.1. Product identifier

Product identifier: **Perla concentrated fabric softener Spring blossom**  
Other names, synonyms: Perla Spring blossom  
Registration number REACH: Not applied to mixtures

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

Identified uses: Fabric softener  
Intended for sale to consumers and for professional/industrial use.  
Unadvisable uses: None known.

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

Name or trade name: **Zenit, spol. s r.o.**  
Registered office/place of business: Pražská 162, Čáslav, 286 01, Czech Republic  
Identification no.: +420 327 304 850  
+420 731 548 853  
Telephone: +420 327 313 688  
Fax: www.zenit-caslav.cz  
Name or trade name of the **competent person** responsible for the Safety Data Sheet elaboration: **Zenit, spol. s r.o.**  
Registered office/place of business: Pražská 162, Čáslav, 286 01  
Telephone/fax: +420 327 304 850  
+420 731 548 853  
E-mail: nezbedova@zenit-caslav.cz

#### 1.4. Emergency telephone number

**112 (24 hour service)** – applicable to EU countries only  
Czech Republic: +420 – 224 91 92 93; 224 91 54 02 (24hour service)  
Klinika nemocí z povolání – Toxikologické informační středisko, Na Bojišti 1, 128 08 Praha 2, CZ

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

Classification according to Regulation (EC) no. 1272/2008  
The mixture is not classified as hazardous within the meaning of Regulation (EC) no. 1272/2008.

#### The most important adverse physicochemical, human health and environmental effects

Contains reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-2H -isothiazol-3-one. May produce an allergic reaction.

The full texts of all classifications and hazard statements are given in Section 16.

#### 2.2. Label elements

Labelling according to EC 1272/2008

Product identifier:	Perla <b>concentrated fabric softener Spring blossom</b>
Identification number:	-
Hazard pictogram:	-
Signal word:	-
Hazard statements:	-
Precautionary statements:	P102 Keep out of reach of children. P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P301 + P330 + P331 IF SWALLOWED: rinse mouth. Do NOT induce vomiting.
Supplemental information on the label:	EUH208 Contains Methylchloroisothiazolinone, Methylisothiazolinone. May produce an allergic reaction.



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### 2.3. Other hazards

The mixture contains no substances classified as PBT or vPvB.

## SECTION 3: Composition/information on ingredients

### 3.1. Substances

The product is a mixture of more substances.

### 3.2. Mixtures

A mixture of surfactants, water and auxiliary substances.

Product identifier:	Concentration / concentration ranges	Index No. CAS No. EC No.	Classification according to EC 1272/2008
Methyl triethanolamin amonium methyl sulfát dialkyleste	3 – 9 %	- 91995-81-2 295-344-3	R10 Xi; R36/38
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) ***	0.00015 % to < 0.0015 %	613-167-00-5 55965-84-9 -	Acute Tox. 3, H301 Acute Tox. 3, H311 Acute Tox. 3, H331 Skin Corr. 1B, H314 Skin Sens. 1, H317 Aquatic Acute 1, H400 Aquatic Chronic 1, H410

\*Substance has a specific limit: Skin Sens. 1, H317:  $c \geq 0.0015 \%$   
EUH208:  $0.00015 \% \geq c < 0.0015 \%$

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

General instructions: If health problems occur or if in doubt, seek medical help, get acquainted with the SDS or show it to the medical personnel.

<i>Inhalation:</i>	Unlikely.
<i>Skin contact:</i>	Take off contaminated clothing; wash the affected area with water. Seek medical help if necessary.
<i>Eye contact:</i>	Immediately start rinsing wide open eyes with running water and continue for at least 15 minutes). Remove contact lenses, if present and easy to do. Seek medical help if necessary.
<i>Ingestion:</i>	Rinse mouth with a large quantity of water, drink 0.5 l of water, do not induce vomiting, seek medical help.

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

*Skin contact:* May cause skin irritation in sensitive persons. May produce an allergic reaction.

*Eye contact:* May cause eye irritation in sensitive persons.

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

Treat symptomatically till the medical personnel arrival.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

Suitable extinguishing media: The product is not flammable, extinguishing media to be selected according to surrounding burning substances.

Unsuitable extinguishing media: Direct water jet.

### 5.2. Special hazards arising from the substance or mixture

Dangerous gases and vapours and carbon oxides may be formed in fire.

### 5.3. Advice for firefighters

Normal protective clothing for firefighters, self-contained breathing apparatus (EN 137).

Prevent the extinguishing media used from entering the sewerage and water sources.



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### SECTION 6: Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

Banish unauthorised persons from the place of accident; prevent contact of the product with skin and eyes. Use personal protective equipment specified in Section 8.

#### 6.2. Environmental precautions

Enclose the place of accident (dikes, containment booms), prevent further release, do not discharge concentrated product to water, soil or the sewerage system. In case of a large release inform appropriate authorities.

#### 6.3. Methods and material for containment and cleaning up

Pump the released product off, absorb the remains with a suitable porous material and place into a closed vessel for further disposal in compliance with valid local regulations.

#### 6.4. Reference to other sections

Observe also provisions given in Sections 8 and 13 of this Safety Data Sheet.

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

No eating, drinking and smoking at work, observe occupational safety and hygiene rules, protect yourself against contact with skin and eyes. Transport in common covered and clean means of transport, protected against the weather effects.

#### 7.2. Conditions for safe storage, including any incompatibilities

Protect against direct sunshine and temperatures above 40 °C. Store out of the reach of children in dry and well ventilated places, in original tightly closed packaging. Protect against frost. Store at +5 to +25 °C.

#### 7.3. Specific end use(s)

Cleaner, detergent.

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

Exposure limit values according to Directive 2000/39/EC, as amended – are not specified.

Limit values of biological exposure tests indicators are not specified in Directive no. 98/24/EC.

DNEL and PNEC values: not available yet.

#### 8.2. Exposure controls

##### 8.2.1. Appropriate engineering controls

Provide sufficient ventilation. Only personnel using personal protective equipment may handle the preparation.

##### 8.2.2. Individual protection measures, such as personal protective equipment

Directive EU 89/656/EEC and Directive EU 89/686/EEC introduces all personal protective equipment used.

<b>Eye/face protection:</b>	Not necessary for normal use and handling.
<b>Skin protection:</b>	<b>Hand protection:</b> Not necessary for normal use and handling. <b>Other:</b> Not necessary for normal use and handling.
<b>Respiratory protection:</b>	Not necessary for normal use and handling.
<b>Thermal hazards:</b>	None.

##### 8.2.3. Environmental exposure controls

See Directives 80/68/EC, 90/656/EC, 91/692/EC, on waters, and Directive 96/62/EC, on air

### SECTION 9: Physical and chemical properties

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

Appearance:	Violet
Odour:	Refreshing
Odour threshold:	Data not available
pH:	83,5-5,5 (1% solution at 20 °C)



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Melting point/freezing point:	Data not available
Initial boiling point and boiling range:	Data not available
Flash point:	>95 °C
Evaporation rate:	Data not available
Flammability (solid, gas) :	
Upper/lower flammability or explosive limits:	Data not available
Vapour pressure:	Data not available
Vapour density:	Data not available
Relative density:	Data not available
Solubility(ies):	Soluble in water
Partition coefficient: n-octanol/water:	Data not available
Auto-ignition temperature:	Data not available
Decomposition temperature:	Data not available
Viscosity:	Data not available
Explosive properties:	Data not available
Oxidising properties:	Data not available

### 9.2. Other information

Not given	
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## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No unusual reactions are known.

### 10.2. Chemical stability

Stable under normal temperature and pressure.

### 10.3. Possibility of hazardous reactions

None known.

### 10.4. Conditions to avoid

Temperature below 0 °C and above 30 °C.

### 10.5. Incompatible materials

None if the mixture is used as intended.

### 10.6. Hazardous decomposition products

Carbon oxides.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

#### Acute toxicity

Based on available data, the classification criteria are not met.

- LD <sub>50</sub> , oral, rat (mg.kg <sup>-1</sup> ):	> 2,000 (2-propanol)
- LD <sub>50</sub> , dermal, rat or rabbit (mg.kg <sup>-1</sup> ):	> 2,000 (2-propanol)
- LC <sub>50</sub> , inhalation, rat (mg.l <sup>-1</sup> ):	Data not available

#### Skin corrosion/irritation

Based on available data, the classification criteria are not met.

#### Serious eye damage/irritation

Based on available data, the classification criteria are not met.

#### Respiratory or skin sensitisation

Contains reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-2H -isothiazol-3-one. May produce an allergic reaction.

#### 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



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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

Based on available data, the classification criteria are not met.

- LC <sub>50</sub> , 96 hrs., fish (mg.l <sup>-1</sup> ):	Data not available
- EC <sub>50</sub> , 48 hrs., crustacea (mg.l <sup>-1</sup> ):	Data not available
- IC <sub>50</sub> , 72 hrs., algae (mg.l <sup>-1</sup> ):	Data not available

### 12.2. Persistence and degradability

Not specified for the product. Surfactants contained in the product comply with the degradability criteria acc. to Regulation (EC) no. 648/2004 on detergents. All auxiliary data are available to relevant authorities of member states and shall be provided upon their request.

### 12.3. Bioaccumulative potential

Data not available.

### 12.4. Mobility in soil

Data not available.

### 12.5. Results of PBT and vPvB assessment

The mixture contains no substances classified as PBT or vPvB.

### 12.6. Other adverse effects

No hazardous effects on the environment subject to classification are known.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Catalogue numbers of waste types are to be assigned by the user upon the product application used and other facts. Small amounts of the product may be diluted sufficiently with water and discharged into the sewerage. A concentrated product must be disposed of in compliance with valid regulations. Empty rinsed packaging may be disposed of by an energy-utilisation method or recycled.

#### *Recommended disposal method for legal persons and physical persons authorised to enterprise:*

Place unused preparation and contaminated packaging into labelled waste collection containers, hand over labelled waste for disposal to a specialised company authorised to carry out such activities.

#### *Recommended disposal method for the consumer:*

Thoroughly emptied contaminated packaging, rinsed with water several times and cleaned, may be placed into a municipal waste collection container.

### Legal regulations relating to waste

Directive on waste no. 2006/12/EC and 2008/98/EC. Disposal must be made according to official regulations.

## SECTION 14: Transport information

Not subject to ADR provisions.

14.1. UN number	Not subject to provisions
14.2. UN proper shipping name	Not subject to provisions
14.3. Transport hazard class(es)	Not subject to provisions
14.4. Packing group	Not subject to provisions
14.5. Environmental hazards	None
14.6. Special precautions for user	Not known
14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	Not known



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### SECTION 15: Regulatory information

#### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Substances contained are not included on the Candidate List (SVHC) of Annex XIV to REACH Regulation to the date of the SDS elaboration.

Regulation (EC) of the European Parliament and of the Council no. 1907/2006 on Registration, evaluation, authorisation and restriction of chemicals (REACH)

Regulation (EC) of the European Parliament and of the Council no. 1272/2008 on classification, labelling and packaging of substances and mixtures (CLP)

The recipient of the substance or mixture must take measures following the legal status of the substance or mixture (including substances contained in the mixture) in compliance with domestic legislation of the particular member state, and to list those legal regulations here.

#### 15.2. Chemical safety assessment

Chemical safety assessment has not been performed for the substance.

### SECTION 16: Other information

#### Changes to the SDS

Date of issue of the manufacturer's SDS: 25 Nov 2012 (Czech version)

Revision history:

Version	Date	Changes
0	1 June 2015	First issue according to Regulation (EC) of the European Parliament and of the Council no. 1907/2006 and to Regulation (EC) of the European Parliament and of the Council no. 1272/2008

#### Legend to abbreviations and acronyms

CAS	Chemical Abstract Service
EC	European Community number of a chemical for EINECS, ELINCS and NLP inventories
PBT	Persistent, Bioaccumulative and Toxic substances
vPvB	very Persistent and very Bioaccumulative substances
LD <sub>50</sub>	Lethal dose, 50 %
LC <sub>50</sub>	Lethal concentration, 50 %
EC <sub>50</sub>	Half maximal effective concentration
IC <sub>50</sub>	Half maximal inhibitory concentration
SVHC	Substances of very high concern
DNEL	Derived no-effect level
Flam. Liq. 2	Flammable liquids, hazard category 2
Acute Tox. 3	Acute toxicity (inhalation), hazard category 3
Acute Tox. 3	Acute toxicity (dermal), hazard category 3
Acute Tox. 3	Acute toxicity (oral), hazard category 3
Eye Irrit. 2	Eye irritation, hazard category 2
Skin. Corr. 1B	Skin corrosion, hazard category 1B
Skin Sens. 1	Skin sensitisation, hazard category 1
STOT SE 3	Specific target organ toxicity – single exposure, hazard category 3
Aquatic Acute 1	Hazardous to the aquatic environment – Acute Hazard, category 1
Aquatic Chronic 1	Hazardous to the aquatic environment – Chronic Hazard, category 1 Dangerous for the environment

#### Key literature references and sources for data

The information contained herein is based on our best knowledge and the present legislation. Further, the Safety Data Sheet has been elaborated on the basis of the original Safety Data Sheet provided by the manufacturer.

The mixture was evaluated and classified according to Regulation (EC) 1272/2008 using a calculation method (risk for human health and the environment) and upon data obtained from tests (for physical risks).

#### List of relevant hazard statements and precautionary statements used in the SDS

H225 Highly flammable liquid and vapour.

H301 Toxic if swallowed.

H311 Toxic in contact with skin.

H314 Causes severe skin burns and eye damage.



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H317 May cause an allergic skin reaction.

H319 Causes serious eye irritation.

H331 Toxic if inhaled.

H336 May cause drowsiness or dizziness.

H400 Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects.

EUH208 Contains reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-2*H*-isothiazol-3-one.  
May produce an allergic reaction.

P102 Keep out of reach of children.

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

P301 + P330 + P331 IF SWALLOWED: rinse mouth. Do NOT induce vomiting.

### Training advice

See Directive 91/383/EC.

### Other information

For further information see Section 1.3.

This Safety Data Sheet elaborated represents an expert competent material complying with valid legal regulations. No modifications may be performed without the approval of the competent person.

The product shall not be used for any other purpose than the intended one (see Section 1.2). Since specific conditions of the preparation usage are beyond the supplier's control, it is the user's responsibility to adapt specified notices for local laws and regulations. Safety information describes the product in terms of safety, and therefore may not be considered to be technical information about the product.