

SAFETY DATA SHEET

(In accordance with EC regulation 453/2010)

Date of issuance: 05.05.2015.

1. Identification of the substance/preparation and company

Identification of the product: **Ecolabel cleaning stone**

Use of the product: universal scouring agent

Company/undertaking identification:

Manufacturer:

Rosmarin Zrt.

H-6636 Mártély, Rosmarin u.1.

Tel.: +36 62 534 910

Fax: +36 62 221 364

E-mail: info@rosmarin.hu

Web: www.rosmarin.hu

Emergency telephone line:

Austria	+43 1 40 400 2222
France	+33 2 41 48 21 21
Germany	+49 30 19240
Hungary	+36 12 15 37 33, +36 80 20 11 99
Iceland	+354 525 111, +354 543 2222
Ireland	+353 1 8379964
Italy	+39 06 305 4343
Latvia	+371 704 2468
Lithuania	+370 2 36 20 52, +370 2 36 20 92
Netherlands	+31 30 274 88 88
Poland	+48 22 619 66 54
Portugal	+351 21 330 3284
Romania	+40 2121 06282 or +40 2121 06183
Slovakia	+421 2 54 77 4 166
Slovenia	+386 1 522 8619 or +386 1 522 2348
Spain	+34 91 562 04 20
Sweden	+46 8 33 12 31
United Kingdom	+44 870 600 6266

2. Hazards identification

2.1 Classification of the substance or mixture

The classification was made according the latest editions of EU-lists, and expanded using company data specialized literature. This Safety Data Sheet has been prepared pursuant to Act XXV of 2000 on Chemical Safety and its enforcement decree No. 44/2000. (XII.27.) EüM [of the Ministry of Health].

Classification in accordance with EC/1272/2008:

No hazard class.

Hazard Statement: -

Classification according to Directive 67/548/EEC and 1999/45/EC:

No danger symbol. The product is not liable to marking with danger symbol.

Risk phrases: -

2.2 Label elements

Classification in accordance with EC/1272/2008:

No danger symbol

Hazard category: -

Signal word: -

Precautionary statements:

P 101 If medical advice is needed, have product container or label at hand.

P 102 Keep out of reach of children.

Classification according to Directive 67/548/EEC and 1999/45/EC:

Hazard designation: -

Risk phrases: -

Safety phrases:

S 2 Keep out of the reach of children.

Ingredients: less than 5% non-ionic surfactant, soap. Further ingredients: perfume

2.3 Other hazards

The finished product contains no SVHC, PBT, vPvB component.

3. Composition/information on ingredients

Hazardous Components

Lauryl glucoside (CAS number: 110615-47-9) (EU number: 600-975-8) (REACH number: 01-2119489418-23-0000)	Concentration: < 3%	Xi R 38,41 GHS05 Skin Irrit. 2 Eye Dam. 1 H 315,318
Sodium carbonate (CAS number: 497-19-8) (EU number: 207-838-8) (REACH number: 01-2119485498-19-0000)	Concentration: < 5%	Xi R 36 GHS 07 Eye Irrit.2 H 319
Laureth-7 (CAS number: 68439-50-9) (EU number: polymer) (REACH number: -)	Concentration: < 3%	Xn R 22,41 GHS 05,07 Acute Tox.4, Eye Dam.1 H 302, 318

4. First-aid measures

- a. Immediate medical attention: Not required.
- b. Inhalation:
If inhaled, remove to fresh air. Breathe fresh air. If symptoms persist consult a physician.
- c. Ingestion:
No action is required. If symptoms persist consult a physician.
- d. Skin:
No action is required. If symptoms persist consult a physician.
- e. Eyes:
Immediately flush eyes with copious amounts of water for a while holding eyelids open. If symptoms persist consult a physician.
- f. Delayed effects:
Not expected
- g. Special means at the workplace: Not required

5. Fire-fighting measures

Suitable extinguishing media: any (water, foam, dry chemical, or carbon dioxide)
Extinguishing media which shall not be used for safety reasons: None
Special exposure hazards arising from the substance or preparation itself, combustion products, resulting gases: Carbon monoxide, Carbon dioxide
Special protective equipment for fire-fighters:
Use self-contained breathing apparatus approved under EN 14593-1 standard.

6. Accidental release measures

Precautions for persons:

Breathing protection: not required

Hand protection: protective gloves

Eye protection: safety goggles/face guard

Bodily protection: protective clothes; protective footwear

- Contact of the product with the eyes and skin must be avoided.

Environmental Protection:

Do not let the product get into the soil, live waters or public sewers.

Cleaning methods:

In case a major amount of the product is spilt, it must be collected and sent for destruction according to the local regulations. The remainder must be rinsed off with plenty of water.

7. Handling and storage

Handling: The general regulations on the handling of chemicals must be complied with.

Storage: The product must be stored in a cool place of good ventilation, protected from the sun, between 5°C and 40°C in its original, unopened packaging, tightly sealed, and separately from food products and luxury goods.

8. Exposure controls and personal protection equipment

Employees must be made familiar with the properties of the product and the labour hygienic regulations relevant to its use.

Care must be taken during work to prevent contact with the eye and incidental swallowing of the product.

Persons with sensitive skin must wear PVC or rubber protective gloves.

Do not eat or smoke during work.

During and after work, washing with hot and cold running water must be provided for.

9. Physical and chemical properties

General Information

State of matter (phase): solid (paste)

Colour: white

Odour: fresh

Important Health and Safety and Environmental Information

pH value (10 m/m% water solution): 9,0 – 10,0

Boiling point: no data available

Ignition point: not applicable

Inflammability: no data available

Explosion properties: no data available

Oxidation properties: no data available

Vapour pressure: not applicable

Relative density: no data available

Solubility in water: partly soluble

Distribution coefficient: n-octanol/water: no data available

Viscosity: not applicable

Vapour density: not applicable

Evaporation rate: not applicable

Other Information

Unit weight: 1,40 - 1,70 g/cm³

10. Stability and reactivity

In normal conditions, the product is stable.

Circumstances to be avoided: None.

Materials to be avoided: Strong acids.

Hazardous decomposition products: none

11. Toxicological information

There have been no toxicological tests performed on the product.

- Sodium carbonate
 - fishes: LC₅₀ (96 h, gambusia affinis): 740 mg/l
 - aquatic invertebrates: EC₅₀ (48 h, Daphnia): 265mg/l
 - algae: EC₅₀ (5 days, Nitzschia sp.): 242 mg/l

Sodium carbonate:

LD 50 (rat, oral) > 2000 mg/kg,
LC 50 (rat, inhalative) / 2 h = 300 mg/l

Laureth-7:

LD 50 (rat) > 1200 mg/kg

On the basis of the toxicological properties of the components, the product is not expected to have any health impairing effect. Because of its state of aggregation and packaging, any irritating effect of the product on the eyes or respiratory tracts can be excluded; the product may irritate the skin of persons with sensitive skin.

12. Ecological information

The surfactants contained in this preparation 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.

Biodegradable according to OECD Test 302B.

Sodium carbonate:

LC 50 (Leponis macrochirus)/96 h = 300 mg/l
EC 50 (Ceriodaphnia dubia)/ 48 h = 200-227 mg/l

Laureth-7

Guppy (Lebistes reticulatus) LC50 = 850 mg/dm³
Daphnia (Daphnia magna) LC50 = 9.8 mg/dm³
Algae (Chlorella sp.) LC50 = 2,340 mg/dm³
Institute of Dyes and Organic Products in Zgierz, 1992

Ecotoxicity

There are no data available concerning the ecotoxicity of the product.

Mobility

There are no data available concerning the mobility of the product.

Bioaccumulation Capacity

Do not let the product get into the soil, live waters or public sewers.

Other Harmful Effects

None.

13. Disposal considerations

For the management of the remainders and packaging of the product, the stipulations of Government Decree 98/2001. (VI.15.) shall be governing. Classification of the waste of the product under Act XLIII of 2000:

EWC code: product: 20 01 30

packaging: 15 01 02

Do not let the product or its remainders get into the soil, live waters or public sewers. Its packaging must be destroyed in accordance with the regulations of the local authorities.

14. Transport informations

Under the Treaties on the International Transportation of Hazardous Products, the product is not liable to marking.

15. Regulatory information

Main regulations in the EU:

- Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC
- Regulation (EC) No 648/2004 of the European Parliament and of the Council of 31 March 2004 on detergents
- Council Directive 67/548/EEC of 27 June 1967 on the approximation of laws, regulations and administrative provisions relating to the classification, packaging and labeling of dangerous substances
- Directive 1999/45/EC of the European Parliament and of the Council of 31 May 1999 concerning the approximation of the laws, regulations and administrative provisions of the Member States relating to the classification, packaging and labelling of dangerous preparations
- Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006

Relevant Hungarian Laws and Decrees:

Health and safety: Act XCIII 1993 on Health and Safety

Chemical safety: Act XXV of 2000 on Chemical Safety
Decree No. 44/2000. (XII.27.) EüM [of the Ministry of Health]

Decree No. 25/2000. (IX.30.) EüM–SZCSM¹

Hazardous wastes: Act XLIII of 2000 on Waste Management
Government Decree 98/2001. (VI.15.)

Fire prevention: Act XXXI of 1996 on Fire prevention

16. Other information

This Safety Data Sheet has been prepared on the basis of the documentation available (the Safety Data Sheet prepared by the base material manufacturer). The above information is based on our present knowledge and pertains to the as delivered condition of the product. It characterises the product only in terms of safety requirements, and does not serve to guarantee any of its properties. Determining the methods of use and handling of the product shall be the responsibility of the party performing the activity.

Relevant R-phrases:

As mentioned in chapter 3 of the safety data sheet (not relevant of labelling of the product)

R 22	Harmful if swallowed.
R 36	Irritating to eyes.
R 38	Irritating to skin.
R 41	Risk of serious damage to eyes.

Relevant H-phrases:

H 302	Harmful if swallowed.
H 315	Causes skin irritation.
H 318	Causes serious eye-damage
H 319	Causes serious eye irritation.

End of Safety Data Sheet.

¹ of the Ministry of Health and of the Ministry of Social and Family Affairs