

**MEDICLEAN MC 311 Sanit Foam**

Date of issue: 20.03.2014

Updated: 24.06.2014

Version ANG: 1.0

*Material Safety Data Sheet according to Regulation EC 1907/2006 of 18.12.2006 – REACH and 453/2010 of 20.05.2010***SECTION 1: Substance/mixture and company identification****1.1 Product Id:** MEDICLEAN MC 311 Sanit Foam**1.2 Relevant identified uses of the mixture and uses advised against:**

Identified uses: Foam for bathroom cleaning

Uses advised against: not specified.

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

Medi-Sept Ltd.

Konopnica 159C, 21-030 Motycz, Poland

tel. (+48) 81 503 23 77

[www.medisep.pl](http://www.medisep.pl)Person responsible for safety data sheet: Grzegorz Gromadzki; [grzegorz.gromadzki@medi-sept.com.pl](mailto:grzegorz.gromadzki@medi-sept.com.pl)**1.4 Emergency telephone numbers:** 112 (international emergency number), 998 (firefighters), 999 (medical rescue); (+48) 81 535 22 22 between 8.00 am. – 16.00 pm.**SECTION 2: Hazards identification****2.1 Classification of the substance/mixture**

The Mixture is not classified as dangerous.

**Risk to human health**

Does not pose a threat in normal conditions of use.

**Risk to environment**

The Mixture is not classified as dangerous, contains ingredients classified as dangerous to the environment.

**Physical/chemical hazards**

Not applicable.

**2.2 Label elements:****Hazard symbols and warning signs:**

Not applicable.

**Hazard statements:**

Not applicable.

**Phrases for conditions for safe use:**

Not applicable.

**Other information:** MSDS available upon request of professional users.According to Regulation 648/2004

&lt;5% non-ionic surface active components

Surface active components meet the biodegradability requirements in accordance with Regulation 648/2004.

List of components available on website: [www.medisep.pl](http://www.medisep.pl)**2.3 Other hazards:**

No other hazards.

No information about substances specified in PBT or vPvB according to REACH appendix XIII. Appropriate studies have not been conducted.

**SECTION 3: Composition/information on ingredients****3.1 Substance:** Not applicable**3.2 Mixture:**

Dangerous ingredients:



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Product Id	Content %	Classification accord. 67/548/EWG	Classification CLP	
			Hazard class and category codes	Hazard statements
Aminosulfamic acid CAS: 5329-14-6 EC: 226-218-8 No. index: 016-026-00-0 No. REACH: 01-2119488633-28-XXXX	<2	 Xi: R36/38 R52/53	Eye Irrit.2 Skin Irrit.2 Aquatic Chronic.3	H319 H315 H412
Alkyl polyglycoside C8-C10 CAS: 68515-73-1 EC: 500-220-1 No. index: - No. REACH: 01-2119488530-36-XXXX	<1,5	 Xi: R41	Eye Dam. 1	H318

Full description of R and H phrases in section 16.

**SECTION 4: First Aid Measures**

**4.1 First aid measures description**

**Skin contact:**

Quit contaminated clothing. Wash skin with water and soap, rinse with water. In case of irritation, redness contact a doctor.

**Eye contact:**

Rinse immediately with plenty of water, also under eyelids, for at least 15 minutes. Avoid strong streams of water to prevent cornea damages. Contact a doctor.

**Inhalation:**

In case of dizziness and nausea move to fresh air. If symptoms persist search for medical advice.

**Ingestion:**

Do not induce vomiting, rinse mouth with water. Immediately contact a doctor.

**4.2 Most important symptoms and effects, both acute and delayed:**

The respiratory system: Inhalation of concentrated vapours may cause irritation of the mucous membranes of the nose and throat.

The digestive tract: May cause irritation of the mucous membranes of the gastrointestinal tract, abdominal pain.

Skin contact: causes irritation in direct contact.

Eye contact: long lasting and frequent contact may cause gentle irritation.

**4.3 Indication of any immediate medical attention and special treatment:**

Decision is to be taken by a doctor after having evaluated the condition of the victim.

**SECTION 5: Firefighting measures**

**5.1 Extinguishing media:**

**Appropriate extinguishing media:** alcohol-resistant foam or dry chemicals (A,B,C), carbon dioxide (extinguisher), sand or soil, water fog. Use fire extinguishing methods suitable to surrounding conditions.

**Not suitable means:** Heavy jet of water.

**5.2 Special hazards arising from substance or mixture:** During a fire or under the action of high temperature release of toxic degradation products containing, among other substances, oxides of carbon.

**5.3 Advice for firefighters**

Cool containers with spray water. If possible remove from the danger zone. As in any fire, wear self-contained breathing apparatus and full protective gear. Prevent fire-fighting water from entering surface water, ground water and sanitation.

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*Material Safety Data Sheet according to Regulation EC 1907/2006 of 18.12.2006 – REACH and 453/2010 of 20.05.2010***SECTION 6: Accidental release measures****6.1 Personal precautions, protective equipment and emergency procedures**

*For non-emergency personnel:* notify the competent authorities. Remove from the danger zone people not involved in the liquidation of failure.

*For emergency personnel:* Ensure adequate ventilation. Use personal protective equipment. Avoid direct contact with eyes and skin. Do not breath vapours.

**6.2 Environmental precautions:** Do not allow to enter sewerage or water bodies. Inform local authorities in case of inability to provide protection.

**6.3 Methods and material for decontamination and cleaning up:**

Prevent contamination by absorbing with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents). Place contaminated material in properly labelled containers according to applicable provisions.

**6.4 Reference to other sections:**

Product waste – see section 13

Personal protection – see section 8

**SECTION 7: Handling and storage****7.1 Safety measures for appropriate handling:**

Use in well-ventilated area. Avoid eye contact. Avoid prolonged or repeated contact with skin. Avoid spilling or splashing. Do not breath vapours. Keep away from sources of ignition, high temperature, hot surfaces and open fire. Work in accordance with safety instructions and hygiene: do not eat, drink and smoke in work areas, wash hands after use, remove contaminated clothing and protective equipment before entering eating areas.

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

Store in a cool, dry, well-ventilated area, properly labelled and tightly closed original container. Keep away from heat and direct sunlight, hot surfaces and open fire.

**7.3 Specific end uses:** foam for bathroom cleaning.

**SECTION 8: Exposure controls/personal protection****8.1 Control parameters:**

Exposure standards for occupational hazards in accordance with the Regulation of the Minister of Labour and Social Policy *on the maximum permissible concentrations and intensities of harmful factors in the work environment* dated 29 November 2002 (Journal of Laws No. 217, item 1833 along with modifications).

Alkyl polyglycoside C8-C10

DNEL value for D-glucopiranoze, oligomers, decyl and octyl glucosides:

DNEL, worker, long term exposure, skin: 595000mg/kg/mc

DNEL, worker, long term exposure, inhalation: 420 mg/m<sup>3</sup>

DNEL, worker, long term exposure, ingestion: 35,7mg/kg/mc

DNEL, general population including users, long term exposure, skin: 357000 mg/kg/mc

DNEL, general population including users, long term exposure, ingestion: 35,7mg/kg/mc

DNEL, general population including users, long term exposure, inhalation: 124 mg/m<sup>3</sup>

Alkyl polyglycoside C8-C10

PNEC, fresh water: no data

PNEC, seawater: no data

PNEC, water environment occasionally released: 0,270 mg/l

PNEC fresh water residue: 0,487 mg/kg

PNEC seawater residue: 0,048 mg/kg

PNEC water treatment facility: 560 mg/l

PNEC soil: 0,654 mg/kg

**8.2 Exposure controls:**

**Appropriate technical controls:** recommended well-ventilated areas.

**Individual protective means such as gloves, glasses.**



**Eye and face protection:**

Not required in normal conditions of use.

**Skin protection:**

**Hand protection:**

Wear protective nitrile, natural rubber or PVC gloves according to EN-PN 374:2005.

**Gloves material:**

Choice of suitable gloves do not depend only on material but brand and quality. Material resistance can be defined after testing. Exact destruction time must be declared by manufacturer.

**Other:**

Use protective clothing (according to EN 344) – wash regularly.

**Air passages protection:**

Avoid concentrated vapours

**Thermal hazards:**

Not applicable.

**Control of environmental exposure:**

Do not allow to spread in the environment and enter drains or watercourses.

**SECTION 9: Physical and chemical properties**

**9.1 Information on basic physical and chemical properties:**

Physical state	Liquid
Colour	Light red
Odour	Fruity
Odour threshold value	Not specified
pH	1,5
Melting point/range	Not specified
Boiling point/range	Approx. 98°C
Ignition temperature	Not specified
Low explosivity threshold	Not explosive
High explosivity threshold	Not explosive
Burning temperature	Not specified
Evaporation rate	Not specified
Flammability (solid, gas)	Not specified
Vapour pressure	Not specified

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*Material Safety Data Sheet according to Regulation EC 1907/2006 of 18.12.2006 – REACH and 453/2010 of 20.05.2010*

Relative Density of vapours	Not specified
Density	1,005 - 1,020 g/cm <sup>3</sup>
Solubility in solvents	Complete in water
Partition coefficient n-octanol/water	Not specified
Auto ignition temperature	Not self-igniting
Decomposition temperature	Not specified
Dynamic viscosity at 23 °C	Not specified
Kinematic viscosity at 20 °C	0,90 mm <sup>2</sup> /s
Explosion limits	Not explosive
Oxidation properties	Not specified

**9.2 Other information:**

No additional test results.

**SECTION 10: Stability and reactivity**

**10.1 Reactivity:**

Not known

**10.2 Chemical stability:**

The product is stable under normal conditions of handling, storage and transport.

**10.3 Possibility of hazardous reactions:**

Not applicable.

**10.4 Conditions to avoid:**

Avoid high temperature, direct sunlight, hot surfaces and open fire.

**10.5 Incompatible materials:**

Alkali.

**10.6 Hazardous decomposition products:**

In high temperature toxic decomposition products can be released – carbon oxides.

**SECTION 11: Toxicological information**

**11.1 Information on toxicological effects:**

a) acute toxicity: not recognized

Alkyl polyglycoside C8-C10

LD50 (orally): 5000 mg/kg (OECD 402)

LD50 (skin): 2000 mg/kg (OECD 401)

Aminosulfamic acid

LD50 (rat, orally): >2000 mg/kg

b) irritation effect: irritating to eyes

Alkyl polyglycoside C8-C10

- eyes: strongly irritant (OECD 405)

- skin: soft irritation (OECD 404)

c) corrosive effect: not recognized

d) allergic effect:

Alkilopoliglukozyd C8-C10

- skin: not allergic (OECD 406)

e) repeated dose toxicity: no data

Alkyl polyglycoside C8-C10: classified as carcinogenic (expert opinion)

- g) mutagenicity: not recognized  
Alkyl polyglycoside C8-C10: not mutagenic (analogy)  
h) reproductive toxicity: not recognized

**Information on likely routes of exposure:**

The respiratory system: inhalation of concentrated vapours may cause irritation of the mucous membranes of the nose and throat.

The digestive tract: may cause irritation of the mucous membranes of the gastrointestinal tract, abdominal pain, food poisoning symptoms.

Skin contact: causes irritation in direct contact.

Eye contact: long lasting and of frequent contact may cause irritation.

**Delayed, immediate and chronic effects from short-and long-term exposure:**

No data.

**Interaction effect:**

No data.

**SECTION 12: Ecological information**

Detailed studies of the environmental effects were not carried out. The mixture is not classified as dangerous for the environment, contains ingredients harmful to the environment.

Do not allow product to reach ground water, drains and watercourses.

**12.1 Toxicity:**

Alkyl polyglycoside C8-C10

Acute toxicity for fish - LC0 >100 mg/l (ISO 7346/2)

Acute toxicity for bacteria: EC0 >100mg/l

Aminosulfamic acid

- Toxicity for bacteria EC10 >1000 mg/l/16g(*Pseudomonas putida*)

- Toxicity for fishes LC50 - 70,3 mg/96h (*Pimephales promelas*)

**12.2 Persistence and degradability:**

Alkyl polyglycoside C8-C10

Primary biodegradation >90% biodegradation in accordance with EC Regulations related to detergents 82/242 or 82/242EEC.

Final biodegradation: easy and quick biodegradation

>60% BOD/COD in relation to CO<sub>2</sub>. in relation >70% decrease DOC.

Surfactants meet the requirements of biodegradability according to Regulation 648/2004.

**12.3 Bioaccumulative ability:**

Alkyl polyglycoside C8-C10 – this substance is not recognized as bioaccumulative (expert opinion)

**12.4 Mobility in soil:**

Mobile in the soil, dissolved in water and spread in water environment.

**12.5 Test result of PBT and vPvB assessment:**

Alkyl polyglycoside C8-C10

Substance not recognized as toxic, stable in the environment, not bioaccumulative (PBT)

Substance not recognized as toxic, stable in the environment, not highly bioaccumulative v(PB)

**12.6 Other adverse effects:**

Harmful effect (increase of pH value).

**SECTION 13: Disposal considerations****13.1 Waste treatment methods:**

Reminders, working dilution and cleaned container must be disposed as communal waste.

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Version ANG: 1.0

*Material Safety Data Sheet according to Regulation EC 1907/2006 of 18.12.2006 – REACH and 453/2010 of 20.05.2010*

Environment Ministry Regulation of 27 September 2001 regarding disposal list (Journal of Laws No. 112, item 1206). European Council Norms No 75/442/EEC - disposals, 91/689/EEC – dangerous disposals; Council Decision No. 2000/532/EC of 2 May 2000 which describes all disposals OJ No. L 226/3 of 6 September 2000r, along with all modifications.

**SECTION 14: Transport information**

**14.1 Number UN (number UNO):** not applicable, product not classified as dangerous in transport.

**14.2 Proper shipping name UN:** not applicable, product not classified as dangerous in transport.

**14.3 Transport hazard class:** not applicable, product not classified as dangerous in transport.

**14.4 Packing group:** not applicable, product not classified as dangerous in transport.

**14.5 Environmental hazards:** not applicable, product not classified as dangerous in transport.

**14.6 Special precautions for user:** not applicable, product not classified as dangerous in transport.

**14.7 Transport in bulk according to Annex II MARPOL 73/78 and the IBC Code:** not applicable, product not classified as dangerous in transport.

**SECTION 15: Regulatory information****15.1 Laws concerning the safety, health and environment specific for the substance or mixture:**

1. European Parliament and Council Regulation no. 1907/2006 of 18 December 2006 on registration, evaluation, authorization and restriction of chemicals (REACH) along with modifications.
2. EUROPEAN COMMISSION REGULATION No. 453/2010 of 20 May 2010 r. that changed Regulation no. 1907/2006 of European Parliament and Council related to registration, evaluation, authorization and restrictions of chemicals (REACH).
3. Law of 25 February 2011 on chemical substances and mixtures (Journal of Laws No. 63, unit. 322).
4. European Parliament and Council Regulation of 16 December 2008 no. 1272/2008 (CLP along with modifications).
5. Ministry of Health Regulation of 20 April 2012 on dangerous substances and mixtures container labelling and certain mixtures (Journal of Laws 2012 No. 0 unit 445).
6. Ministry of Health Regulation of 10 August 2012 on classification types and criteria of chemical substances and mixtures (Journal of Laws 2012 No. 0 unit 1018).
7. Ministry of Environment Regulation of 23 April 2004 on description of labelling patterns for containers (Journal of Laws No. 94, unit 927).
8. Ministry of Health regulation of 10 October 2013 on changes to the regulation on categories of dangerous substances and mixtures stored in secured against children containers and with touch detectable warnings (Journal of Laws 2013 no. 0 unit 1225).
9. Law of 14 December 2012 on waste list (Journal of Laws 2013 No. 0, unit 21).
10. Law of 13 June 2013 on container handling and disposal (Journal of Laws 2013, unit 888).
11. Ministry of Environment Regulation of 27 September 2001 on list of disposals (Journal of Laws No. 112, unit 1206).
12. Council Directive No. 75/442/EEC concerning disposals, Council Directive No. 91/689/EEC on dangerous disposals, Commission Decision No. 2000/532/EC of 3 May 2000 on list of disposals, OJ No. L 226/3 of 6 September 2000 along with modifications
13. Law of 19 August 2011 on transport of dangerous materials (Journal of Laws No. 227, unit 1367).
14. Government Declaration of 23 March 2011 on introduction of changes detailed in appendix A and B of European Agreement concerning the International Carriage of Dangerous Goods by Road (ADR), prepared in Geneva on 30 of September 1057 (Journal of Laws No. 110, unit 641).
15. Ministry of Labour and Social Policy Regulation of 29 November 2002 on the maximum permissible concentrations and intensities of harmful factors in the work environment Journal of Laws No. 217, unit 1833 along with modifications).
16. Ministry of Health Regulation of 30 December 2004 on safety and hygiene related to the presence of chemical factors in work environment (Journal of Laws of 2005 No. 11, unit 86 along with modifications).

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17. Ministry of Environment Regulation of 9 December 2003 on substances particularly dangerous to the environment (Journal of Laws No. 217, unit. 2141).

**15.2 Chemical safety assessment:**

No chemical safety assessment for the mixture.

**SECTION 16: Other information****Phrases R and H:****R36/38** – irritating to eyes and skin**R41** – risk of serious eye damage**R52/53** – dangerous to aquatic organisms, may cause long lasting disadvantageous changes in water environment**H315** – irritant to skin**H318** – causes serious eye damage**H319** – irritant to eyes**H412** – dangerous to aquatic organisms, may cause long lasting disadvantageous changes in water environment**Abbreviation, acronyms and symbols description:****Xi**– irritating**Eye Irrit. 2** – eye irritation effect cat. 2**Eye Dam.1** – serious eye damage cat. 1**Skin Irrit.2** – irritant to skin cat. 2**Aquatic Chronic 3** – dangerous to water environment cat.3**Training:** not required**MSDS – MEDICLEAN MC 311 Sanit Foam**

- Date of issue: 15.05.2014
- Version ANG: 1.0

**SOURCE MATERIAL**

Appendix I of EC Regulation 453/2010 of 20 May 2010.

Regulations detailed in Section 15 of this document.

Information of Bureau for Chemical Substance.

Information detailed in this data sheet concern exclusively the product stated in its title. All data should be considered only as a help in save use of the product **MEDICLEAN MC 311 Sanit Foam**. As the conditions of storage, transport and application are beyond our control, these can not stand for warranty in the meaning of law. In all cases, all proper regulations should be obeyed and third party persons laws respected. *The document should not be considered as an evaluation of risks in work place.* Product must not be used in other than stated in point 1 applications without previous notification to the company **Medi-Sept Ltd.**

Prepared by SPIN-DORADZTWO [www.spin-doradztwo.pl](http://www.spin-doradztwo.pl) for **Medi-Sept Ltd.**