SECTION 1: Substance/mixture and company identification

1.1 Product Id: MEDICLEAN MC 420 Antibacterial soap VANESSA

1.2 Relevant identified uses of the mixture and uses advised against:

Identified uses: For hand washing. Gentle moisturising effect obtained thanks to soft cleaning agents.

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.medisept.pl

Person responsible for safety data sheet: Grzegorz Gromadzki; 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

Mixture not classified as dangerous.

Risk to human health

In proper use does not pose a threat.

Risk to environment

The mixture is not classified as dangerous. Contains dangerous ingredients.

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:

Material safety data sheet available upon request of professional user.

According to Regulation 648/2004

<5% anion surface active components

<5% amphoteric surface active components

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

List of components available on website: www.medisept.pl

2.3 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:

Product Id	Content %	Classification accord. 67/548/EWG	Classification CLP	
			Hazard class and category codes	Hazard statements
Sodium lauryl sulfate oxyethylenoated 2 EO CAS: 68891-38-3 EC: - No. index: - No. REACH: 01-2119488639-16-xxxx	1,0 – 2,5	 Xi; R38, R41	Skin Irrit.2 Eye Dam.1	H315 H318
Contaminated ethyl alcohol CAS: 64-17-5 EC: 200-578-6 No. index: 603-002-00-5 No. REACH: 01-2119488633-28-XXXX	1,0 – 1,5	 F: R11	Flam. Liq. 2	H225
Betaine CAS: 61789-40-0 EC: 263-058-8 No. index: - No. REACH: 01-2119488533-30-0003	0,5 – 1	 Xn; R22  Xi; R38, R41	Acute Tox.4 Skin Irrit.2 Eye Dam.1	H302 H315 H318
Dietanoloamides of fatty alcohols CAS: 68603-42-9 EC: 931-329-6 No. index: - No. REACH: 01-2119490100-53-0003	0,5 - 1	 Xi; R38, R41	Skin Irrit.2 Eye Dam.1	H315 H318

Full description of R and H phrases in section 16.

SECTION 4: First Aid Measures

4.1 First aid measures description

Skin contact: no harmful effect in contact with skin.

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: Product does not pose a threat. In case of dizziness or 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: no harmful effect

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

Eye contact: may cause irritation in direct contact

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: use fire extinguishing methods suitable to surrounding conditions.

Not suitable means: not applicable.

5.2 Special hazards arising from substance or mixture: not applicable.

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.

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:
No specific requirements. 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.

7.3 Specific end uses: For hand washing. Gentle moisturising effect obtained thanks to soft cleaning agents.

SECTION 8: Exposure controls/personal

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).

Exposure limits:

Name / type of substance	NDS	NDSCh	NDSP
	mg/m3		
Ethyl alcohol	1900	-	-

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:
Not required in normal conditions of use.
Other:

Not required in normal conditions of use.

Air passages protection:

Not required in normal conditions of use.

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	Gel
Colour	Transparent
Odour	Odourless
Odour threshold value	Not specified
pH	5,5 – 6,0
Melting point/range	Not specified
Boiling point/range	Approx.100°C
Ignition temperature	Not specified
Burning temperature	Not specified
Evaporation rate	Not specified
Flammability (solid, gas)	Not specified
Low explosivity threshold	Not specified
High explosivity threshold	Not specified
Vapour pressure at 20°C	Not specified
Relative Density of vapours	Not specified
Density at 20°C	1,00 – 1,01 g/cm^3
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	Not specified
Explosion limits	Not specified
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 in temperature range 5-40°C.
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:
Not applicable.
10.6 Hazardous decomposition products:
No data

SECTION 11: Toxicological information

11.1 Information on toxicological effects:
a) acute toxicity: not recognized
Sodium lauryl sulfate oxyethylenoated 2 EO
LD50(rat, orally): >2000mg/kg
LD50(rabbit, skin): >2000mg/kg
Betaine
LD50(rat, orally): 5926mg/kg
Dietanoloamide of fatty alcohols
LD50(rat, orally): >9940mg/kg
b) irritation effect: not recognized
c) corrosive effect: not recognized
d) allergic effect: not recognized
e) repeated dose toxicity: no data
f) carcinogenicity: not recognized
g) mutagenicity: not recognized
h) reproductive toxicity: not recognized

Information on likely routes of exposure:
The respiratory system: no harmful effect.
The digestive tract: may cause irritation of the mucous membranes of the gastrointestinal tract, abdominal pain.
Eye contact: may cause irritation in direct contact
Skin contact: no harmful effect.

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:
Sodium lauryl sulfate oxyethylenoated 2 EO
Toxicity for fish: 1-28mg/l/96
Toxicity for crustacean EC50:1-10mg/l/48h
Toxicity for algae EC50: 7,5 mg/l/96h

Betaine
LC50 (fishes): 2mg/l/48h
EC50(Ps.Putida): >100mg/l
Dietanoloamide of fatty alcohols
LC50 (fishes): 6,9mg/l
LC50 (daphnia): 6,2mg/l

12.2 Persistence and degradability (biodegradability abilities):
Surface active substances included in the preparation meet all requirements of biodegradability regulations.

12.3 Bioaccumulative ability:
No data.

12.4 Mobility in soil:
Mobile in soil.

12.5 Test result of PBT and vPvB assessment:
No data.

12.6 Other adverse effects:
No data.

SECTION 13: Disposal considerations

13.1 Waste treatment methods:
Working dilution and cleaned container must be disposed as communal waste.

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: transport in locked containers in upright position, properly labelled and secured.

14.7 Transport in bulk according to Annex II MARPOL 73/78 and the IBC Code: not applicable

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).
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:
R11 – highly flammable
R22 – harmful of swallowed
R38 – irritant to skin
R41 – risk of serious eye damage
H225 – highly flammable liquid and vapours
H302 – harmful if swallowed
H315 – irritant to skin
H318 – causes serious eye damage

Abbreviation, acronyms and symbols description:
F – highly flammable
Xn – harmful
Xi – irritant
Flam. Liq. 2 – liquid and flammable substance cat.2
Acute Tox. 4 – acute toxicity cat. 4
Eye Dam.1 – causes eye damage
Skin Irrit.2 – irritant to skin effect cat.2

Training: Not required.

MSDS – ***MEDICLEAN MC 420 Antibacterial Soap VANESSA***

- Date of issue: 28.10.2012
- Version ANG 1.0 of 27.08.2014

Changes applied according to European Commission Regulation No. 453/2010 of 20 May 2010 appendix I.

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.
MSDS – MEDICLEAN MC 420 Antibacterial Soap VANESSA

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 420 Antibacterial Soap VANESSA.** 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 for **Medi-Sept Ltd.**