

MEDICLEAN MC 210 SURF CLEAN Preparation for washable surfaces cleaning

Date of issue: 11.08.2012

Updated: 11.08.2014

Version ENG: 4.1

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 210 SURF CLEAN Preparation for washable surfaces cleaning

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

Identified uses: applied in daily cleaning of waterproof surfaces such as: plastics, ceramics, doors, window frames, laminated furniture, panels, etc.

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

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

The mixture is not classified as dangerous.

Risk to human health

Proper use does not pose a threat to human health.

Risk to environment

The mixture is not classified as dangerous to the environment. Contains ingredients 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.

Contains aromatic agents. May cause allergic reaction

According to Regulation 648/2004

<5% non-ionic surface active components

<5% EDTA Na₄

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

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

2.3 Other hazards:

No other hazards recognized.

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

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SECTION 3: Composition/information on ingredients

3.1 Substance: Not applicable

3.2 Mixture:

Dangerous ingredients:

Product Id	Content %	Classification acc. 67/548/EWG	Classification CLP	
			Hazard class and category codes	Hazard statements
Etoxilated fatty alcohols C10-C16 CAS: 68002-97-1 EC: - Index No.: - No. REACH: substance is subject to the transitional period	2 - 5	 Xn; R22  Xi; R41	Acute Tox. 4 Eye Dam.1	H302 H318
Sodium salt of 2-ethylhexyl sulphate CAS: 126-92-1 EC: 204-812-8 Nr indeksowy: - No. REACH: substance is subject to the transitional period	0,5 - 2	 Xi; R38, R41	Skin Irrit.2 Eye Dam.1	H315 H318
Tetrasodium salt CAS: 64-02-8 EC: 200-573-9 Index No.: 607-428-00-2 No. REACH: substance is subject to the transitional period	0,5 - 0,9	 Xn; R22  Xi; R41	Acute Tox. 4 Eye Dam.1	H302 H318
Alkylpolyglucoside CAS: 68515-73-1 EC: - Index No.: - No. REACH: substance is subject to the transitional period	0,1 - 0,5	 Xi; R41	Eye Dam.1	H318
Fragrance mixture CAS: -* EC: - Index No.: - No. REACH: substance is subject to the transitional period	0,35 – 0,7	 Xi; R38 R43  N: R51/53	Skin Irri.2 Skin Sens.1 Aquatic Chronic.2	H315 H317 H411
Acrylic copolymer CAS: 192003-74-0 EC: - Index No.: - No. REACH: substance is subject to the transitional period	0,1 – 0,2	 N: R51/53	Aquatic Chronic.2	H411

*no. CAS registered by the manufacturer

Full description of R and H phrases in section 16

Contains monomethyl ether of propylene glycol no. CAS 34590-94-8 in 2-5% dilution.

SECTION 4: First Aid Measures

4.1 First aid measures description

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Take off contaminated clothing, wash skin with water and soap, rinse well with water, in case of irritation and 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 persists, 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, throat and downstream sections of the respiratory system. Cough, problems in breathing.

The digestive tract: May cause irritation of the mucous membranes of the gastrointestinal tract, abdominal pain, stomach cramps, nausea, vomiting, diarrhea, malaise, headache and dizziness – symptoms of food poisoning.

Eye contact: causes irritation in case of direct contact

Skin contact: long lasting, frequent and direct contact may cause redness and gentle skin 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.

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.

SECTION 7: Handling and**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

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use, remove contaminated clothing and protective equipment before entering eating areas. In order to define safety measures prepare work station risks evaluation for all hazard control recommendations.

7.2 Conditions for safe storage, including any incompatibilities.

Store in a cool (recommended temperature 5°C – 35°C), dry, well-ventilated area, properly labelled and tightly closed original container. Keep away from heat and direct sunlight, hot surfaces and open fire. Once opened containers must be stored hermetically closed and in upright position that protects form leaking.

7.3 Specific end uses: applied in daily cleaning of waterproof surfaces such as: plastics, ceramics, doors, window frames, laminated furniture, panels, etc.

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).

Exposure limits:

Name / type of substance	NDS	NDSch	NDSP
	mg/m ³		
Monomethyl ether of propylene glycol	240	480	-

8.2 Exposure controls:

Appropriate technical controls: recommended well-ventilated areas.

Individual protective means such as gloves, glasses.

**Eye and face protection:**

Wear framed glasses or face mask (accord. to EN 166)

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:

Wear appropriate protective work wear accord. to EN 344 – wash regularly.

Air passages protection:

Do not breath vaporous

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:**

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Physical state	Liquid
Colour	Blue
Odour	Flowery - citrus, green tea
Odour threshold value	Not specified
pH	Approx. 8,0
Melting point/range	Not specified
Boiling point/range	>70 °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 - 1,01g/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	Not specified
Kinematic viscosity at 20 °C	0,9 mm ² /s
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.

10.3 Possibility of hazardous reactions:

Not applicable.

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

10.5 Incompatible materials:

None.

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
sodium salt of 2-ethylhexyl sulphate
LD50 (rat, orally):>2000 mg/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. Inhalation of concentrated vapours may cause irritation of the mucous membranes of the nose, throat and downstream sections of the respiratory system, cough, shortness of breath, trouble breathing.

The digestive tract: may cause irritation of the mucous membranes of the gastrointestinal tract, abdominal pain, stomach cramps, nausea, vomiting, diarrhea, malaise, headache and dizziness – symptoms of food poisoning.

Eye contact: may cause skin irritation in case of direct exposure.

Contact with skin: long lasting, frequent, direct contact can cause redness, sensitive skin irritations.

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 salt of 2-ethylhexyl sulphate
- Toxicity for fish - LC0:580 mg/l/48h
- Toxicity for fish LC50:744 mg/l/48h
- Toxicity for fish LC100:954 mg/l/48h (Salmo Gairdneri, OECD 203)

12.2 Persistence and degradability:

Surfactants meet the requirements of biodegradability according to appropriate regulations.

12.3 Bioaccumulative ability:

No data.

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:

No data.

12.6 Other adverse effects:

No data.

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

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Remainders of product and contaminated empty containers 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: 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 11 June 2012 on categories of dangerous substances and mixtures stored in secured against children containers and with touch detectable warnings (Journal of Laws 2010 No. 0 unit 688).
9. Law of 14 December 2012 on waste list (Journal of Laws 2013 No. 0, unit 21).
10. Law of 11 May 2001 on containers and container disposals (Journal of Laws No. 63, unit 638 along with modifications).
11. Ministry of Environment Regulation of 27 September 2001 con 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).

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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:****R22** – harmful if swallowed**R38** – irritating to skin**R41** – risk of severe eye damage**R43** – may cause allergic reaction in contact with skin**R50/53** – very toxic to aquatic organisms, may cause long lasting disadvantageous changes in water environment**H302** – harmful if swallowed**H315** – irritating to skin**H317** – may cause allergic reaction on skin**H318** – causes severe eye damage**H411** – very toxic to aquatic organisms, causes long lasting damages**Abbreviation, acronyms and symbols description:****Xn** – harmful**Xi** – irritating**N** – dangerous to the environment**Acute Tox. 4** – acute toxicity cat.4**Acute Tox. 4** – acute toxicity cat.4**Skin Irrit.2** – irritating effect on skin cat.2**Skin Sens. 1** – allergic effect on skin**Aquatic Chronic 1** – dangerous to aquatic environment cat.1**NDS** – threshold limit value**NDSch** – temporary threshold limit value**NDSP** – ceiling threshold limit value**Training:**

Not required

MSDS – **MEDICLEAN MC 210 SURF CLEAN Preparation for washable surfaces cleaning**

- Issued on: 11.08.2014
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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 210 SURF CLEAN Preparation for washable surfaces cleaning

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 210 Preparation for washable surfaces cleaning**.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.**

MATERIAL SAFETY DATA SHEET



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Prepared by SPIN-DORADZTWO www.spin-doradztwo.pl for **Medi-Sept Ltd.**