

**MEDICLEAN MC 110 Floor Clean**

Date of issue: 11.02.2013

Updated:11.08.2014

Version ENG: 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 110 Floor Clean – Preparation for cleaning and maintenance of floors – with orange scent.

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

Identified uses: applied in daily maintenance and cleaning of floors made of PVC, linoleum, terrazzo, stone, terracotta, marble, 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](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**

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](http://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.

**MATERIAL SAFETY DATA SHEET****MEDICLEAN MC 110 Floor Clean**

Date of issue: 11.02.2013










Updated:11.08.2014

Version ENG: 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 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 Index No.: - 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	0,2 - 0,6	 Xi; R41	Eye Dam.1	H318
Fragrance mixture CAS: -* EC: - Index No.: No. REACH: substance is subject to the transitional period	0,35	R10  Xi; R38 R43  Xn; R65  N: R50/53	Flam Liq.3 Skin Irri.2 Asp.Tox.1 Skin Sens.1 Aquatic Acute 1 Aquatic Chronic.1	H326 H315 H317 H304 H400 H410

\*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 1-3% dilution.

**SECTION 4: First Aid Measures****4.1 First aid measures description****Skin contact:**

Take off contaminated clothing, wash skin with water and soap, rinse well with water, in case of irritation and redness contact a doctor.

**MEDICLEAN MC 110 Floor Clean**

Date of issue: 11.02.2013

Updated:11.08.2014

Version ENG: 1.0

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

**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:**

# MATERIAL SAFETY DATA SHEET

## MEDICLEAN MC 110 Floor Clean

Date of issue: 11.02.2013

Updated:11.08.2014

Version ENG: 1.0

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

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. 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, 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:** for everyday cleaning and maintenance of waterproof floors made of PVC, linoleum, terrazzo, tiles, terracotta, marble, 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/m3		
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:

# MATERIAL SAFETY DATA SHEET

## **MEDICLEAN MC 110 Floor Clean**

Date of issue: 11.02.2013

Updated:11.08.2014

Version ENG: 1.0

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

Physical state	Liquid
Colour	Green
Odour	Orange scent
Odour threshold value	Not specified
pH	Approx. 8,0
Melting point/range	Not specified
Boiling point/range	approx. 98°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 <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	Not specified
Kinematic viscosity at 20°C	1,0mm <sup>2</sup> /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:**

**MEDICLEAN MC 110 Floor Clean**

Date of issue: 11.02.2013

Updated:11.08.2014

Version ENG: 1.0

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

Not applicable.

**10.4 Conditions to avoid:**

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.

**MEDICLEAN MC 110 Floor Clean**

Date of issue: 11.02.2013

Updated:11.08.2014

Version ENG: 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 13: Disposal considerations****13.1 Waste treatment methods:**

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).

**MEDICLEAN MC 110 Floor Clean**

Date of issue: 11.02.2013

Updated:11.08.2014

Version ENG: 1.0

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

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:****R10** – flammable**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**R65** – harmful, may cause lung damages if swallowed**H226** – flammable liquid and vapours**H302** – harmful if swallowed**H304** – risk of death if swallowed or inhaled**H315** – irritating to skin**H317** – may cause allergic reaction on skin**H318** – causes severe eye damage**H400** – very toxic to aquatic organisms**H410** – very toxic to aquatic organisms, causes long lasting damages**Abbreviation, acronyms and symbols description:****Xn** – harmful**Xi** – irritating**N** – dangerous to the environment**Flam. Liq. 3** – substance liquid and flammable cat.3**Acute Tox. 4** – acute toxicity cat.4**Asp. Tox. 1** – inhalation danger cat. 1**Eye Dam.1** – severe eye damage**Skin Irrit.2** – irritating effect on skin cat.2**Skin Sens. 1** – allergic effect on skin**Aquatic Acute 1** – dangerous to aquatic environment cat.1**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 110 Floor Clean Preparation for cleaning and maintenance of floors**

- Issued on: 11.02.2013
- Version ANG 1.0 of 27.08.2014

# MATERIAL SAFETY DATA SHEET

## **MEDICLEAN MC 110 Floor Clean**

Date of issue: 11.02.2013

Updated:11.08.2014

Version ENG: 1.0

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

---

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 110 Floor Clean Preparation for cleaning and maintenance of floors

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 110 Floor Clean Preparation for cleaning and maintenance of floors**. 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**.