

MEDICLEAN MC 112
Wax self-shining emulsion for floor protection

Date of issue 10.08.2004

updated: 28.10.2012

Version ANG: 1.0

Material Safety Data Sheet according to Regulation WE 1907/2006 from 18.12.2006 – REACH and 453/2010 from 20.05.2010r.

SECTION 1: Identification of the mixture and of the company/undertaking

1.1 Product identifier: MEDICLEAN MC 112 Wax self-shining emulsion for floor protection

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

Recommended use: For the care and maintenance of PVC floors, terrazzo, linoleum, tiles, porcelain tiles, lacquered wood, marble, etc.

Uses advised against: Raw floor unvarnished wood

1.3 Details of the supplier of the safety data sheet:

Manufacturer:

Medi-Sept Sp. z o.o.
Konopnica 159C, 21-030 Motycz
tel. (+81) 503 23 77
www.medissept.pl

E-mail address of the person responsible for safety data sheet: grzegorz.gromadzki@medi-sept.com.pl

E-mail address of the person responsible for translation: aleksandra.majewska@medi-sept.com.pl

1.4 Emergency telephone number: +48 81 535 22 22 in hours: 8.00 – 16.00
International emergency number: 112

SECTION 2: Hazards identification

2.1 Classification of the substance/mixture

The mixture is not classified as dangerous

Risk to human health

The proper use does not pose a threat to human health.

Risk to environment

The mixture is not classified as dangerous for the environment, contains ingredients harmful to the environment.

Physical/chemical

No.

2.2 Label elements:

Hazard symbols and warning signs:

No.

Hazard statements:

No.

Phrases for conditions for safe use:

No.

Other information: safety data sheet available on request of user .

Contains fragrances. It can cause allergic reaction.

According to regulation. 648/2004

<5% nonionic surfactants

<5% EDTA Na4

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

Ingredient data sheet available at: www.medissept.pl

2.3 Other hazards:

No additional hazards

No information about substances specified in PBT or vPvB according to 1907/2006/EG annex 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:**

Hazardous ingredients:

Product identifier	Content %	Classification acc. to 67/548/EWG	Klasifikacija CLP	
			Hazard class and category codes	Hazard statements
Polyethylene wax dispersion in water CAS: WE: - Index number: - REACH number: the substance is subject to the transitional period	2,0 – 3,0	R21/22,R38; R41, Xn		
Fragrances mixture CAS: WE: Index number: - REACH number: the substance is subject to the transitional period	0,3	R51/53, N, Xi		

The full texts of the mentioned R-phrases and hazard statements (H) are listed in chapter 16.

It also contains: styrene-polyacrylate dispersion in water: 30,0 – 35,0

SECTION 4: First Aid Measures**4.1 Description of first aid measures****Skin contact:**

Wash affected areas with soap and water and rinse well. Immediately take off all contaminated clothing. If skin irritation persists, contact doctor.

Eye contact:

Rinse immediately with plenty of water, also under eyelids, for at least 15 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing with running water. If symptoms persists, call a doctor.

Inhalation:

Does not concern.

Ingestion:

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

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

The respiratory system. Does not concern.

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: -

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5: Firefighting measures**5.1 Extinguishing media:****Suitable extinguishing media:** alcohol-resistant foam or dry chemicals (A,B,C), carbon dioxide (fire extinguisher).

Use fire extinguishing methods suitable to surrounding conditions.

Not suitable: Heavy jet of water.

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During a fire, under the action of high temperature release of toxic degradation products containing min. 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: the failure to 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. Do not breath vapors.

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 containment and cleaning up:

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents).

Contaminated material placed in properly labeled 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 Precautions for safe handling:**

Use in well-ventilated area. 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. For all specific recommendations given carry out risk assessment at the workplace in order to help determine controls appropriate to local circumstances.

7.2 Conditions for safe storage, including any incompatibilities.

Store in a cool, dry, well-ventilated properly labeled and tightly closed original container.

Keep away from heat and direct sunlight, hot surfaces and open fire.

7.3 Specific end uses:

For the care and maintenance of PVC floors, terrazzo, linoleum, tiles, porcelain tiles, lacquered wood, marble, etc.

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

-

8.2 Exposure controls:

Appropriate technical controls: recommended well-ventilated areas.



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Eye and face protection:

Wear framed glasses or face mask (acc. EN 166)

Skin protection:

Hand protection:

-

Gloves material:

-

General recommendations:

In the workplace have access to running water. After handling the product wash hands thoroughly.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state	Liquid
Colour	White
Odour	Lemon, characteristic
Odour threshold	Not specified
pH	ca. 8,0
Melting point/range	Not specified
Boiling point/range	Ca.98 °C
Flash point	Not specified
Ignition	Not specified
Evaporation rate	Not specified
Flammability (solid,gas)	Not specified
Lower explosive limit	Not specified
Higher explosive limit	Not specified
Vapour pressure at 20 °C	Not specified
Realtive vapor density	Not specified
Density at 20 °C	1,00 - 1,01g/cm ³
Solubility in solvents	Completely soluble in water
Coefficient n-octanol/water	Not specified
Auto-ignition temperature	No
Decomposition temeperature	Not specified
Viscosity	Not specified

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Kinematic viscosity at 22°C	1,6 mm ² /s
Explosive properties	Not specified
Oxidizing properties	Not specified

9.2 Other information:

No additional test results.

SECTION 10: Stability and reactivity

10.1 Reactivity:

Not very chemically active.

10.2 Chemical stability :

The product is stable under normal conditions. Temperature from 5-40°C.

10.3 Possibility of hazardous reactions:

No

10.4 Conditions to avoid:

Avoid low temperature due to risk of freezing.

10.5 Incompatible materials :

No

10.6 Hazardous decomposition products:

At normal temperature product stable.

SEKCJA 11: Toxicological information

11.1 Information on toxicological effects:

- a) acute toxicity: not recognized
- Styrene-acrylic copolymer
- LD50 (rat, orally) > 2000 mg/kg
- Polyethylene wax dispersion
- LD50 (rat, orally) > 2000 mg/kg
- b) irritant effect: not recognized
- c) corrosion: not recognized
- d) allergic: not recognized
- e) repeated dose toxicity: no data
- f) carcinogenicity: does not show
- g) mutagenicity: not shown
- h) reproductive toxicity: does not show

Information on likely routes of exposure:

The respiratory system. no

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: 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:

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Styrene-acrylic copolymer

Toxicity to fish – LC50: >100 mg/l/96h

Toxicity to bacteria – EC50 > 1000 mg/l (Wartburg test)

Polyethylene wax dispersion

Toxicity to fish LC50 > 500 mg/l/48h (Leuciscus idus)

12.2 Persistence and degradability:

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

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:

Remainders of product and contaminated empty containers must be disposed in accordance with local and state regulations. The rest place in original containers. Utilize in accordance with valid regulations. Empty containers should be disposed of in accordance with regulations or provide for appropriate landfill.

SECTION 14: Transport information

14.1 UN number : Not applicable. Product is not classified as dangerous in transport.

14.2. UN proper shipping name: Not applicable. Product is not classified as dangerous in transport.

14.3 Transport hazard class: Not applicable. Product is not classified as dangerous in transport.

14.4 Packing group: Not applicable. Product is not classified as dangerous in transport.

14.5 Environmental hazards: Not applicable. Product is not classified as dangerous in transport.

14.6 Special precautions for user: Not applicable. Product is not classified as dangerous in transport.

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.

Detail information available upon request.

15.2 Chemical safety assessment:

No chemical safety assessment. .

SECTION 16: Other information

Text of R and H-Phrases:

R21/22 – Harmful if contact with skin and if swallowed.

R38 – Irritating to skin.

R41 – Risk of serious damage to eyes..

R51/53 – Very toxic to aquatic organisms/May cause long-term adverse effects in the environment.

NDS – The highest concentration

NDSP – The highest ceiling

NDSch – The highest temporary

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Training:

Not requested.

MATERIAL SAFETY DATA SHEET – **MEDICLEAN MC 112**

- Issuing date: 10.08.2004
- ANG version 1.0 from 06.11.2013

Sources:

PL version .

The information provided in this Safety Data Sheet concern only in the title mentioned product. The information given is designed as a guidance for safe handling, use, storage, transportation, disposal and it is not to be considered as legal warranty. In any case, you must comply with the laws and the possible rights of third parties. Sheet is not workplace risk assessment. Product cannot be used in other purpose then mentioned in section 1 without previous consultation with **Medi-Sept Sp. z o.o.**

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