

**SECTION 1: Identification of the substance / mixture and company identification**

**1.1 Product identifier:** MEDICLEAN MC 520 Milk for clearing kitchen surfaces and sanitary surfaces

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

Identified use: Milk is designed for cleaning bathtubs, sinks (including stainless sheet steel), wash basins, toilet bowls, tiles, etc. with greasy dirt, oil and raids rust and limescale

The use discouraged: not specified

**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.medisept.pl](http://www.medisept.pl)

E-mail of the person responsible for the safety data sheet : [grzegorz.gromadzki@medi-sept.com.pl](mailto:grzegorz.gromadzki@medi-sept.com.pl)

**1.4 Emergency telephone number:** 81 535 22 22 at time: 8.00 – 16.00  
112 (general emergency number), 998 (fire brigade), 999 (ambulance service)

**SECTION 2: Hazards identification****2.1 Classification of the substance or mixture**

**In accordance with Regulation 1272/2008:**

Eye Irrit.2; H319

**In accordance with Directive 67/548/EWG:**

The substance has not been classified as hazardous.

**Risk to human health**

Causes eye irritation.

**Environmental hazards**

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

**Physical/chemical hazards**

No.

**2.2 Label elements:**

**Pictograms:**



**Signal word:** Attention!

**Hazard statements**

**H319** – Causes serious eye irritation.

**Phrases indicating conditions of safe use:**

**P264** – Wash ... thoroughly after handling.

**P280** - Wear protective gloves/protective clothing/eye protection/face protection.

**P305 + P351 + P338** – IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

**P337 + P313** –In case of persistent eye irritation: Get medical advice/attention.

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**2.3 Other hazards:**



No additional hazards

No information as to the compliance with PBT or vPvB criteria, as per Annex XIII to the REACH regulation.

The appropriate studies have not been conducted.

**SECTION 3: Composition/information on ingredients**
**3.1 Substance:** Not applicable**3.2 Mixture:** A mixture of fine abrasive mineral (dolomite filler about 40%), water, nonionic surfactants, thickener, fragrance, preservatives and substances improvers.

Niebezpieczne składniki:

Product identifier	Content %	Classification acc. 67/548/EWG	Classification CLP	
			Hazard class and category codes	Codes hazard statements
Alcohols, C12-15, Ethoxylated CAS: 68131-39-5 WE: - Index No.: - No. REACH: -	2,6 – 2,95	 Xi; R41  N; R50	Eye Dam. 1 Aquatic Acute 1	H318 H400

Full text of R and H phrases In Section 16

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

Remove contaminated clothing, wash affected skin with soap and water, rinse thoroughly with water. In the event of an irritation, erythema, contact your doctor.

**Eye contact:**

Rinse eyes for several minutes (approx. 15) with plenty of water, holding the eyelids apart. Avoid strong stream, due to the risk of cornea damage, consult a doctor.

**Inhalation:**

In case of dizziness or nausea, remove casualty to fresh air, in the absence of rapid improvement, seek medical advice.

**Ingestion:**

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

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

Respiratory system: There are no known harmful effects

Digestive tract: Ingestion causes irritation of the mucous membranes of the gastrointestinal tract, abdominal pain, stomach cramps, nausea, vomiting, diarrhea, malaise, headaches and dizziness - symptoms of food poisoning.

Eye contact: Causes eye irritation.

Skin contact: Long, frequent, direct contact may cause skin dryness, redness, irritation

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

Decision on the rescue procedure is taken by a doctor following thorough examination of victim's condition

**SECTION 5: Fire fighting measures**

**5.1 Extinguishing media:**

**Suitable extinguishing media:** Alcohol-resistant foam or dry chemicals (A, B, C), carbon dioxide (fire extinguisher), sand or earth, water spray. Use fire extinguishing methods suitable to surrounding conditions.

**Unsuitable extinguishing media:** A strong stream of water.

**5.2 Special hazards arising from the substance or mixture: No****5.3 Advice for fire-fighters:**

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:* Inform the appropriate service. Remove from the hazardous area people not involved in liquidation of failure.

*For emergency responders:* Ensure adequate ventilation, use personal protective equipment. Do not breathe vapors.

**6.2 Environmental precautions:**

Prevent from spreading or entering into drains and water courses.

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

Absorb with liquid-binding material (sand, sawdust, diatomaceous earth, universal absorbent). Contaminated material placed in properly labeled containers. The contaminated material placed in properly labeled containers for disposal in accordance with applicable regulations.

**6.4 Reference to other sections:**

Waste product handling – see section 13 of the Safety Data Sheet.

Individual protection measures – see section 8 of the Safety Data Sheet.

**SEKCJA 7: Handling and Storage****7.1 Precautions for safe handling:**

Avoid contact with eyes. Avoid prolonged or repeated contact with skin. Avoid spilling or splashing. Avoid breathing vapors. Avoid sources of ignition, heat, hot surfaces and open flames. Work in accordance with safety and hygiene: Do not eat, drink and smoke in the workplace, 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 (the recommended storage temperature of 8 ° C to 25 ° C), dry, well-ventilated properly labeled original container tightly closed. Avoid direct sunlight and heat sources, hot surfaces and open fire. Store away from strong oxidizers. Stored for a period of 24 months from the date of production.

**7.3 Specific end use(s):**

Milk is designed for cleaning bathtubs, sinks (including sheet steel), wash basins, toilet bowls, tiles, etc. with greasy dirt, oil and raids rust and limescale

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

No

**8.2 Exposure controls:**

**Technical solutions:** recommended well-ventilated areas.

**Individual protection measures, such as personal protective equipment:**



**Eye or face protection:**

Wear safety glasses or full face mask (according to EN 166).

**Skin protection:**

*Hand protection:*

Wear protective gloves resistant to chemicals made of nitrile rubber, natural rubber or PVC, according with 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 protective clothing working (according to EN 344) - wash regularly.

**Respiratory protection:**

Avoid inhalation of vapors.

**Thermal hazards:**

Not applicable.

**Environmental exposure controls:**

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

**SECTION 9: Physical and chemical properties**

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

Appearance	Suspension
Colour	White
Odour	Lemon
Odour threshold	Not specified
pH 1% solution	7,00 – 10,5
Melting point/range	Not specified
Boiling point/range	100 °C
Flash point	Not specified
Ignition	Not specified
Evaporation rate	Not specified
Flammability (solid, gas)	Not specified
Lower explosive limit	Not specified

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Higher explosive limit	Not specified
Vapour pressure at 20 ° C	Not specified
Relative vapor density	Not specified
Density at 20 ° C	approx. 1,24 g/cm <sup>3</sup>
Solubility in solvents	Soluble in water approx. 60%
Coefficient of n-octanol / water	Not specified
Auto-ignition temperature	Not specified
Temperature of decomposition	165°C
Dynamic viscosity at 22 ° C	Not specified
Kinematic viscosity	Not specified
Explosive properties	Not specified
Oxidising properties	Not specified

### 9.2 Other information:

The content of surfactants: min. 2%.

The content of abrasive substance 25 - 40%.

## SECTION 10: Stability and reactivity

### 10.1 Reactivity :

The acid reacts with carbonate contained in the abrasives.

### 10.2 Chemical stability:

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

### 10.3 Possibility of hazardous reactions:

No data

### 10.4 Conditions to avoid :

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

### 10.5 Incompatible materials :

Strong oxidizing agents

### 10.6 Hazardous decomposition products :

No

## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects:

- a) Acute toxicity: not recognized
- b) irritation effect: causes eye irritation.
- c) corrosive effect: not recognized
- d) allergic effect: not recognized
- e) repeated dose toxicity: not recognized
- f) carcinogenicity: not recognized
- g) mutagenicity: not recognized
- h) reproductive toxicity: not recognized

### Information on likely routes of exposure:

The respiratory system: There are no known harmful effects

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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  
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:**

No data

#### **12.2 Persistence and degradability:**

No data

#### **12.3 Bioaccumulative potential:**

No data.

#### **12.4 Mobility in soil:**

No data

#### **12.5 Results 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. Regulation of the Minister of Environment of 27 September 2001 on waste catalog (Journal of Laws No. 112, item. 1206). Council Directive No. 75/442 / EEC on waste. Council Directive No. 91/689 / EEC on hazardous waste by Commission Decision 2000/532 / EC of 3 May 2000 stating the list of wastes, OJ No. L 226/3 of 6 September 2000, along with changing decisions.

### **SECTION 14: Transport information**

**14.1 UN number (number UNO):** Not applicable, the product is not classified as hazardous during transport.

**14.2. Proper transport name UN:** Not applicable, the product is not classified as hazardous during transport.

**14.3 Transport hazard class(es):** Not applicable, the product is not classified as hazardous during transport

**14.4 Packing group:** Not applicable, the product is not classified as hazardous during transport

**14.5 Environmental hazards:** Not applicable, the product is not classified as hazardous during transport.

**14.6 Special precautions for users:** Not applicable, the product is not classified as hazardous during transport

**14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code:** Not applicable, the product is not classified as hazardous during transport

### **SECTION 15: Regulatory information**

**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture:**

1. The ordinance 1907/2006 (EC) of the European Parliament and Council, dated in 18 December 2006, on registration, evaluation, permissions and restrictions for chemicals (REACH), along with later 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 their mixtures (Journal of Laws No. 63, item. 322, along with later modifications)
4. European Parliament and Council Regulation of 16 December 2008 no. 1272/2008 (CLP) along with later 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 item. 445, along with later modifications)
6. Ministry of Health Regulation of 10 August 2012 on classification types and criteria of chemical substances and their mixtures (Journal of Laws 2012 item. 1018, along with later modifications)
7. Minister of Health Regulation of 10 October 2013. That changed regulation on the category of dangerous substances and mixtures whose packaging is provided with a closure against opening by children and tactile warning of danger (Journal of Laws 2013 No. 0 item. 1225 )
8. Law of 14 December 2012 on waste list (Journal of Laws 2013 No. 0, item.21).
9. The Law of 13 June 2013 on packaging and packaging waste (Journal of Laws 2013, item. 888).
10. Regulation of the Minister of Environment of 27 September 2001 on the catalog of waste (Journal of Laws No. 112, item. 1206).
11. Council Directive No. 75/442 / EEC on waste, Council Directive No. 91/689 / EEC on hazardous waste by Commission Decision 2000/532 / EC of 3 May 2000 stating the list of wastes, OJ No. L 226/3 of 6 September 2000, along with changing decisions.
12. The Law of 19 August 2011. on the transport of dangerous goods (Journal of Laws No. 227, item. 1367)
13. Government Statement of 23 March 2011. On the entry into force of amendments to Annexes A and B of the European Agreement concerning the International Carriage of Dangerous Goods by Road (ADR), done at Geneva on 30 September 1957. (Journal of Laws No. 110 , item. 641).
14. Regulation of the Minister of Labour and Social Policy of 6 June 2014 on maximum permissible concentration and intensity of harmful factors in the work environment (Journal item. 817).
15. Regulation of the Minister of Health of 30 December 2004 on health and safety related to occurrence of chemical agents at work (Journal of Laws of 2005. No. 11, item. 86, along with later modifications)
16. Regulation of the Minister of the Environment of 9 December 2003 on substances posing a particular threat to the environment (Journal of Laws No. 217, item.2141).

**15.2 Chemical safety assessment:** No chemical safety assessment for the mixture.

**SECTION 16: Other information****Phrases R and H:**

**R36**– Irritating to eyes.

**R41**– Risk of serious damage to eyes

**R43** – May cause sensitisation by skin contact

**R50**– Very toxic to aquatic organisms

**H318** – Causes serious eye damage

**H319** – Causes serious eye irritation

**H400** – Very toxic to aquatic life

**Description of used abbreviations, acronyms and symbols:**

**Xi** – irritating

**N** – dangerous to the environment

**Eye Dam.1** – severe eye damage cat. 1

**Eye Irrit.2** – irritating effect on eyes cat.2

**Aquatic Acute 1** – dangerous to aquatic environment cat.1

NDS – Exposure Limit

NDSP – Acceptable Ceiling

NDSch – Maximum Allowable Momentary

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#### **Training:**

Before working with product carry out OSH training for staff related to the presence of chemical factor in the work environment. Carry out, register and inform employees about the evaluation of professional risk of working in presence of chemical factors

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#### **SOURCE MATERIALS**

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 520 Milk for cleaning kitchen surfaces and sanitary surfaces

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 Ltd.**

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