

MEDICLEAN MC 240**Preparation for cleaning and protecting stainless steel**

Date of issue 11.02.2013

updated: 12.04.2013

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 240 Preparation for cleaning and protecting stainless steel**1.2 Relevant identified uses of the mixture and uses advised against:**Recommended use: Preparation for cleaning and maintenance of stainless steel and aluminum.
Uses advised against: 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.medisep.plE-mail address of the person responsible for safety data sheet: grzegorz.gromadzki@medi-sept.com.plE-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 .**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.

SECTION 3: Composition/information on ingredients**3.1 Substance:** Not applicable**3.2 Mixture:**

Hazardous ingredients:

The mixture does not contain any ingredients classified as dangerous.

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

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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:

In case of dizziness and nausea move to fresh air. If symptoms persists, obtain medical advice.

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: There are no known harmful effects.

The digestive tract: May cause irritation of the mucous membranes of the gastrointestinal tract.

Eye contact: There are no known harmful effects.

Contact with skin: There are no known harmful effects.

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.

5.2 Special hazards arising from substance or mixture:

No. .

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:

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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:

Preparation for cleaning and maintenance of stainless steel and aluminum.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters:

No.

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 (acc. EN 166)

Skin protection:

Hand protection:

Wear protective nitrile, natural rubber or PCV gloves 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 appropriate protective workwear acc. 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

Physical state	Liquid
Colour	Transparent
Odour	Characteristic
Odour threshold	Not specified
pH	ca. 7.0

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Melting point/range	Not specified
Boiling point/range	Ca.260 – 320 °C
Flash point	160°C
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	0,87-0,88 g/cm ³
Solubility in solvents	Insoluble or slightly soluble in water
Coefficient n-octanol/water	Not specified
Auto-ignition temperature	No
Decomposition temeperature	Not specified
Viscosity	Not specified
Kinematic viscosity at 25°C	5-6mPa.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:

Unknown.

10.2 Chemical stability :

The product is stable under normal conditions.

10.3 Possibility of hazardous reactions:

No

10.4 Conditions to avoid:

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

10.5 Incompatible materials :

No

10.6 Hazardous decomposition products:

At high temperatures toxic products of decomposition release – oxides of carbon.

SEKCJA 11: Toxicological information

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11.1 Information on toxicological effects:

- a) acute toxicity: not recognized
- 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: There are no known harmful effects.

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: There are no known harmful effects.

Contact with skin: There are no known harmful effects.

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:

Readily biodegradable > 70% in 28 days (OECD 301)

12.3 Bio accumulative ability:

No data.

12.4 Mobility in soil:

No data.

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.

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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:

Abbreviation, acronyms and symbols description:

No.

Training:

Not requested.

MATERIAL SAFETY DATA SHEET – **MEDICLEAN MC 240**

- Issuing date: 14.06.2013
- ANG version 1.0 from 23.10.2013

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.**

Original Polish Version made by SPIN-DORADZTWO www.spin-doradztwo.pl for **Medi-Sept Sp. z o.o.**

Translation performed by Aleksandra Majewska