

Date of issue: 04.12.2014

Version ENG: 1.0

*Material Safety Data Sheet according to Regulation EC 1907/2006 of 18.12.2006 – REACH and 453/2010 of 20.05.2010r.***SECTION 1: Identification of the substance / mixture and company identification****1.1 Product identifier:** MC 250 Anti Glue**1.2 Relevant identified uses of the substance or mixture and uses advised against:**

Identified use: Ready-to-use product for the removal of localized impurities such as traces of labels, adhesive tapes and chewing gum. Recommended for all surfaces.

The use discouraged: Before use, check the surface is resistant to the product (may cause discolor).

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.com.plE-mail of the person responsible for the safety data sheet : 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 Dam.1; H318

In accordance with Directive 67/548/EWG:

Xi; R41

The threat to human health

Causes serious eye damage

Environmental hazards

The mixture does not contain components classified as dangerous to the environment.

Physical/chemical hazards

No.

2.2 Label elements:**Pictograms:****Signal word:** Danger**Hazard statements****H318** – Causes serious eye damage**Phrases indicating conditions of safe use:****P280** – Wear protective gloves/protective clothing/eye protection/face protection**P305 + P351 + P338** – IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.**P310** – Immediately call a POISON CENTER or doctor.**It contains:** Monoethanolamine (CAS: 141-43-5)

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In accordance with Regulation 648/2004

15-30% nonionic surfactants

The surfactants comply with the biodegradability in accordance with Reg. 648/2004

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

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.





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

The appropriate studies have not been conducted.

SECTION 3: Composition/information on ingredients

3.1 Substance: Not applicable

3.2 Mixture: Hazardous components:

Product identifier	Content %	Classification acc. to 67/548/EWG	Classification CLP	
			Hazard class and category codes	Codes hazard statements
<u>Alcohols, C9-11, branched and linear, thoxylated (1 - 2.5 moles ethoxylated)</u> CAS: 160901-09-7 EC: - Index No.: - No. REACH: the substance is subject to the transient period regulations	<20	 Xn: R22  Xi: R41	Acute Tox.4 Eye Dam.1	H302 H318
Monoethanolamine CAS: 141-43-5 EC: 205-483-3 Index No.: 603-030-00-8 No. REACH: 01-2119486455-28-xxxx	<2	 Xn; R20/21/22  C; R34	Acute Tox.4 Skin Corr. 1B	H332 H312 H302 H314

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, in case of alarming symptoms, immediately contact your 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, give to drink plenty of water. Immediately seek medical advice.

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

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Respiratory system: Inhalation of concentrated vapors may cause irritation of the mucous membranes of the nose, throat and downstream sections of the respiratory system.

Digestive tract: Ingestion may cause chemical 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 serious eye damage.

Skin contact: Long, frequent, direct contact may cause irritation, dryness, cracking of the skin.

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:

During a fire, under the action of heat release toxic decomposition products containing among others carbon oxides, nitrogen oxides.

5.3 Advice for fire-fighters:

Cool containers with spray water. If possible remove from the danger zone. In the event of a fire in a confined space, wear self-contained breathing apparatus and full protective gear. Do not allow to enter extinguishing water into surface water, ground water and drains.

SECTION 6: Accidental release measures**6. 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 reservoirs. 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 (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:

Product waste – see section 13

Personal protection – see section 8

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

Use in well ventilated area. 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:

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Store in a cool, dry, well-ventilated properly labeled original container tightly closed. Avoid direct sunlight and heat sources, hot surfaces and open flames. Store away from strong acids and strong oxidizing agents.

7.3 Specific end use(s):

Ready-to-use product for the removal of localized impurities such as traces of labels, adhesive tapes and chewing gum. Recommended for all surfaces.

SECTION8: 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 of 6 June 2014 on the maximum permissible concentration and intensity of harmful factors in the work environment (Journal of Laws, item. 817).

Exposure limits:

Name / type of substance	NDS	NDSch	NDSP
	mg/m3		
Monoethanolamine	2,5	7,5	-

8.2 Exposure controls:

Technical solutions: recommended well-ventilated areas.

Individual protection measures, such as personal protective equipment:



Eye and 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, in accordance 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 work wear (according to EN 344) - wash regularly.

Respiratory protection:

Do not breath 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:

Physical state	Liquid
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Colour	Not specified
Odour	Not specified
Odour threshold	Not specified
pH	approx 11
Melting point/range	Not specified
Boiling point/range	Not specified
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
Relative vapor density	Not specified
Density at 20 ° C	1,003 - 1,004 g/cm ³
Solubility in solvents	Not specified
Coefficient of n-octanol / water	Not specified
Auto-ignition temperature	Not specified
Temperature of decomposition	Not specified
Dynamic viscosity	Not specified
Kinematic viscosity at 22 ° C	Not specified
Explosive properties	Not specified
Oxidising 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 of use, storage and transport.

10.3 Possibility of hazardous reactions:

It can react with strong acids and strong oxidizing agents.

10.4 Conditions to avoid :

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

10.5 Incompatible materials :

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Strong acids, strong oxidizing agents.

10.6 Hazardous decomposition products :

Carbon oxides, nitrogen oxides

SECTION 11: Toxicological information**11.1 Information on toxicological effects:**

a) Acute toxicity: not classified

Monoethanolamine

LD50 (rat, orally) - 1089 mg/kg

LC50 (rat, inhalation) - 1487 mg/m³/4h

LD50 (rat, skin) - 2504 mg/kg

Alcohols, C9-11, branched and linear, thoxylated (1 - 2.5 moles ethoxylated)

LD50 (rat, orally) - >1200mg/kg

b) irritant effect: causes serious eye damage

c) corrosion: no

d) allergic: no

e) repeated dose toxicity: no

f) carcinogenicity: no

g) mutagenic: no

h) reproductive toxicity: no

Information on likely routes of exposure:

The respiratory system. Inhalation of concentrated vapors may cause irritation of the mucous membranes of the nose, throat and downstream sections of the respiratory system.

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

Eye contact: Causes serious eye damage.

Skin contact: Long, frequent, direct contact may cause irritation, dryness, cracking of the skin.

Delayed, immediate and chronic effects from short-and long-term exposure:

No data.

Interaction effect:

No data.

SECTION 12: Ecological information

The mixture does not contain components classified as dangerous to the environment. Do not allow product to reach ground water, drains and watercourses.

12.1 Toxicity:Monoethanolamine

LC50: 349 mg/l/96h (Cyprinus carpio)

LC50: 170 mg/l/96h (Carassius auratus)

EC50: 65 mg/kg/48h (Daphnia magna)

EC50: 2,5 mg/l/72h (Selenastrum capricornutum)

EC50: 22 mg/l/72h (Scenedesmus subspicatus)

EC50: 111 mg/l/16h (Pseudomonas putida)

12.2 Persistence and degradability:Alcohols, C9-11, branched and linear, thoxylated (1 - 2.5 moles ethoxylated)

76% - within 28 days - Readily biodegradable

12.3 Bioaccumulation 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.

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*Material Safety Data Sheet according to Regulation EC 1907/2006 of 18.12.2006 – REACH and 453/2010 of 20.05.2010r.***SECTION 13: Disposal considerations****13.1 Waste treatment methods:**

Product residues must be submitted by approved waste recipient for disposal of waste in accordance with the regulations.

Working solution, after dilution, and purified packs treated as household waste.

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. 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), as later amended.
2. EUROPEAN COMMISSION REGULATION 453/210 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)
4. European Parliament and Council Regulation of 16 December 2008 no. 1272/2008 (CLP) as later amended
5. Minister of Health Regulation of 20 April 2012 on the labeling of packing of hazardous substances and mixtures, and certain mixtures. (Journal of Laws 2012 No. 0 item. 4455)
6. Minister of Health Regulation of 10 August 2012 on the criteria and classification of chemical substances and mixtures (Dz. U. 2012, item. 1018)
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).

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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, as later amended)
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:****R20/21/22** – Harmful by inhalation, in contact with skin and if swallowed**R22** – Harmful if swallowed**R34** – Causes burns**R41** – Risk of serious damage to eyes.**H302** – Harmful if swallowed**H312** – Harmful in contact with skin**H314** – Causes severe skin burns and eye damage**H318** – Causes serious eye damage**H332** – Harmful if inhaled**Description of used abbreviations, acronyms and symbols:****C** – corrosive**Xi** – irritating**Xn** – harmful**Acute Tox. 4** – acute toxicity cat.4**Skin Corr.1B** - skin corrosion cat. 1B**Eye Dam.1** – severe eye damage cat. 1

NDS – Exposure Limit

NDSP – Maximum Acceptable Ceiling

NDSch – Maximum Allowable Momentary

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

MATERIAL SAFETY DATA SHEET – MC 250 Anti Glue

- Issuing date: 04.12.2014

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

SDS manufacturer mixtures (ingredients of product) – MC 250 Anti Glue

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 use of the product **MC 250 Anti Glue**. Since the conditions of storage, transportation and use are beyond our control, we cannot provide a guarantee in the legal sense. 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.**

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