

SAFETY DATA SHEET
in line with Annex II of the Commission Regulation (EU) No. 453/2010

Last revision date: 2023-02-29

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1. SECTION IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

Ewocar Cabrio

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

Coating

1.3 Details of the supplier of the safety data sheet

Manufacturer/supplier: UAB „Nanoplus“

Address of the manufacturer/supplier: Šermukšnių g. 5, Biruliškių k., Kauno r, telefonas +37068311434,

Email: info@ewocar.com

Email of the employee responsible for the MSDS: info@ewocar.com

1.4 Emergency telephone number

Emergency telephone number in case of poisoning: +37052362052, mob. +37068753378

2. SECTION HAZARDS IDENTIFICATIONS

2.1 Classification of the substance or mixture

Health hazard:

Not determined

Hazardous properties:

Not determined

Environmental risks:

Not determined

2.2 Label elements

Classification of the substance or mixture according to **Regulation (EC) No. 1272/2008 [CLP/GHS]**:

Signal word: Not determined

Hazard pictogram: Not determined

Hazard statements: Not determined

Precautionary statements: Not determined

2.3 Other hazards

3. SECTION COMPOSITION/INFORMATION ON INGREDIENTS

Mixtures

Dangerous components: Void

NOTE: The text regarding the risk phrases and hazard symbols is provided in Section 16.

4. SECTION FIRST AID MEASURES

4.1 Description of first aid measures

After inhalation: Supply fresh air; consult doctor in case of complaints.

After skin contact: Immediately rinse with water.

After eye contact: Rinse opened eye for several minutes (10-15) under running water. If symptoms persist, consult a doctor.

After swallowing: Rinse out mouth and then drink plenty of water.

Do not induce vomiting; call for medical help immediately.

A person vomiting while laying on their back should be turned onto their side.

If Victim is vomiting, bring head in low position (increased Danger of aspiration / perforation)

4.2 Most important symptoms and effects, both acute and delayed

No further relevant information available.

4.3 Indication of any immediate medical attention and special treatment needed

No further relevant information available.

5. SECTION FIREFIGHTING MEASURES

5.1 Extinguishing media

Use fire extinguishing methods suitable to surrounding conditions

5.2 Special hazards arising from the substance or mixture

No further relevant information available.

5.3 Advice for firefighters

No special measures required

6. SECTION ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Use respiratory protective device against the effects of fumes/dust/aerosol

6.2 Environmental precautions

Do not allow product to reach sewage system or any water course.

Do not allow to penetrate the ground/soil. Dilute with plenty of water

6.3 Methods and material for containment and cleaning up

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Send for recovery or disposal in suitable receptacles.

Dispose contaminated material as waste according to item 13.

6.4 Reference to other sections

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information

7. SECTION HANDLING AND STORAGE

7.1 Precautions for safe handling

No special measures required.

Prevent formation of aerosols.

Information about fire - and explosion protection: The product is not flammable.

7.2 Conditions for safe storage, including any incompatibilities

Requirements to be met by storerooms and receptacles:

Store in a cool location.

Information about storage in one common storage facility:

Only materials of the same storage class should be stored together. Storing together with the following materials is forbidden:

- medicaments, food and feeds including additives.

- infectious, radioactive and explosive materials.

Storing together with materials of other storage classes is permitted partially only under certain conditions.

The material should not be together-stored with materials, where dangerous chemical reactions are possible.

See for this Chap. 10: Stability and reactivity

Further information about storage conditions: Store receptacle in a well ventilated area.

7.3 Specific end use(s)

No further relevant information available

8. SECTION EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

None.

8.2 Exposure controls

General protective and hygienic measures: The usual precautionary measures are to be adhered to when handling chemicals. Keep away from foodstuffs, beverages and feed. Immediately remove all soiled and contaminated clothing Wash hands before breaks and at the end of work. Do not inhale gases / fumes / aerosols. Avoid contact with the eyes and skin. Do not eat, drink, smoke or sniff while working.

Respiratory protection: Use suitable respiratory protective device only when dust, steam, aerosol or mist is formed. In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.



Hand and skin protection:

Protective gloves

To avoid skin problems reduce the wearing of gloves to the required minimum.

Check protective gloves prior to each use for their proper condition.

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

Preventive skin protection by use of skin-protecting agents is recommended.

Material of gloves

Butyl rubber, BR

Nitrile rubber, NBR

Plastic gloves

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

Penetration time of glove material

Penetration time: > 480 min. (8h) EN 374

The numerical data are approximately values Increased Temperatures by warmed up substances, body warmth, etc. and a reduction of the layer strength by stretching can lead to a decrease of the break-through time.

With a 1,5 times bigger / smaller layer-thickness the break-through time halves / doubles itself.

The determined penetration times according to EN 374 part III are not performed under practical conditions. Therefore a maximum wearing time, which corresponds to 50% of the penetration time, is recommended.

The exact break through time has to be found out by the manufacturer of the protective gloves

and has to be observed.

Not suitable are gloves made of the following materials:

Leather gloves

Strong material gloves.



Eyes protection: Safety glasses

9. SECTION PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Physical state: liquid

Odour: characteristic

Hydrogen ion concentration (pH): 3,0-5,0

Melting point/freezing point:

Initial boiling point:

Boiling point, °C, or boiling range: >100

Boiling point, °C, or boiling range: -

Flammability: not applicable

Auto-ignition temperature, °C: not determined

Flash point, °C:

Explosive limits:

Lower, volume %:

Upper, volume %:

Oxidising properties: not determined

Freeze/melt temperature, °C: not determined

Vapour pressure, kPa:

Relative density:

Specific mass, density g/cm³: 1,0±0,03

Water solubility:

Partition coefficient (n-octanol/water): not available

Auto-ignition temperature, °C:

Viscosity: not determined

Dynamic at 20 °C: 1-10

Vapour specific density: not determined

Evaporation rate: not available

9.2 Other information

No additional information.

10. SECTION STABILITY AND REACTIVITY

10.1 Reactivity

10.2 Chemical stability

10.3 Possibility of hazardous reactions

10.4 Conditions to avoid

10.5 Incompatible materials

10.6 Hazardous decomposition products

Could be released in case of Fire:

Carbon monoxide and carbon dioxide

11. SECTION TOXICOLOGICAL INFORMATION

Basis for Assessment: Information given is based on product testing, and/or similar products, and/or components.

11.1 Information on toxicological effects

Acute toxicity:

Primary irritant effect:

on the skin: No irritant effect.

on the eye: No irritating effect.

Sensitization: No sensitizing effects known.

Additional toxicological information:

The product is not subject to classification according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version.

When used and handled according to specifications, the product does not have any harmful effects to our experience and the information provided to us.

12. SECTION ECOLOGICAL INFORMATION

12.1 Toxicity

12.2 Persistence and degradability

12.3 Bioaccumulative potential

12.4 Mobility in soil

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12.5 Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

12.6 Other adverse effects

13. SECTION DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Spilled liquid is washed with water (small quantities). Larger quantities are absorbed and collected to containers intended for that purpose. Packaging can be recycled.

14. SECTION TRANSPORT INFORMATION

14.1 UN number

14.2 UN proper shipping name

14.3 Transport hazard class(es)

14.4 Packing group

14.5 Environmental hazards

14.6 Special precautions for user

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

15. SECTION REGULATORY INFORMATION

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

Normative legal acts regulating classification, marking, restriction of use, occupational safety and health requirements, limit values in the workplace setting, waste disposal etc.

Waste disposal rules (approved by Order No. 722 of the Minister of Environment of 30 December 2003, Official Gazette, 2004, No. 68-2381, 2008, No. 55-2109).

Rules for disposal of packaging and packaging waste (approved by Order No. 248 of the Minister of Environment on 27 June 2002, Official Gazette, 2002, No. 81-3503).

European Agreement concerning the International Carriage of Dangerous Goods by Road (ADR).

Regulations for providing employees with individual protection means (approved by Order No. A1-331 of the Minister of Social Security and Labour of 26 November 2007, Official Gazette, 2007, No. 123-5055).

List of acute health disorders caused by hazardous chemical substances and preparations in the special means of first medical aid, and by biological agents (approved by Order No. V-769 of the Minister of Health of 24 December 2003, Official Gazette, 2004, No. 7-157).

HN: 23:2007 "Limit values of occupational exposure to chemical substances. General requirements to measurement and exposure assessment" (approved by Order of the Minister of Health and Minister of Social Security and Labour of the Republic of Lithuania No. V-827/A1-287 of 15 October 2007, Official Gazette, 2007, No. 108-4434).

Packing requirements of dangerous chemical substances and preparations and procedure of packaging (approved by Order No. 5989 of the Minister of Environment of the Republic of Lithuania of 19 November 2002, Official Gazette, 2002, No. 115-5161, 2008, No. 53-1989).

Regulation (EC) No. 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.

Regulation (EC) No. 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006.

Commission Regulation (EC) No. 551/2009 of 25 June 2009 amending Regulation (EC) No 648/2004 of the European Parliament and of the Council on detergents, in order to adapt Annexes V and VI thereto (surfactant derogation).

Commission Regulation (EU) No. 286/2011 of 10 March 2011 amending, for the purposes of its adaptation to technical and scientific progress, Regulation (EC) No 1272/2008 of the European Parliament and of the Council on classification, labelling and packaging of substances and mixtures.

15.2 Chemical safety assessment

16. SECTION OTHER INFORMATION

Data presented in this safety data sheet must be available to everyone whose work is associated with the chemical substance or preparation. The data corresponds to the knowledge in our possession and is intended to characterise the chemical product in terms of occupational safety and health, and environmental protection. Information of the safety data sheet will be updated as any new data about the effect of the preparation on health and environment, and prevention measures to reduce or avoid the hazards altogether appears. Information contained in the safety data sheet does not reveal other specific properties of the chemical substance or preparation.