

SAFETY DATA SHEET

MONTANOV 68 MB

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

1.1 Product identifier

Product trade name Product code : MONTANOV 68 MB
REACH product : 36193Q
name : Acetalization product between glucose and C16/18(even numbered) alcohol

REACH registration number

Registration number

01-2119382604-36-0000

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

Use of material : Emulsifying agent. Production of cosmetics. Non-ionic surfactant.

1.3 Detailed data on the supplier of the safety data sheet

Importer : Ekokoza sro
Fryšovice 297, 73945, Fryšovice
ID: 07508247, eshop@ekokoza.cz41

e-mail address of the person responsible for this safety data sheet : eshop@ekokoza.cz

1.4 Telephone number for emergency situations

National advisory body/toxicology center : CZECH REPUBLIC :

Emergency telephone number: +420224919293 +420224915402 (24 hour phone/daily) Toxicological information center, Na Bojišti 1, 128 08 Prague 2)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Product definition : UVCB

Classification in accordance with Regulation (EC) No. 1272/2008 [CLP/GHS]






Unclassified.

 This substance is not classified as dangerous in accordance with EC Regulation No. 1272/2008 as amended.

More detailed information on health effects and symptoms - see chapter 11.

2.2 Marking elements

Signal word : No signal word.
Standard hazard statements : No serious negative effects are known.

Contains :  Acetalization product between glucose and C16/18(even numbered) alcohol
Prevention :  Can not be used.
Reaction :  Can not be used.
Storage :  Can not be used.
Removal :  Can not be used.

Additional information on the label : Not applicable.

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SECTION 2: Hazards identification

2.3 Other hazards

The product meets the criteria for PBT or vPvB according to Regulation (EC) No. 1907/2006, Annex XIII

PBT	P	B	T	vPvB	vP	vB
Yes	N/A	N/A	Yes	N/A	N/A	N/A

Other hazards that are not reflected in the classification

They are not known.

ADDITIONAL INFORMATION

Storage

: DO NOT STORE OUTSIDE. Protect from heat.

SECTION 3: Composition/information on ingredients

3.1 Substances

: UVCB

INCI Name:

: CETEARYL ALCOHOL AND CETEARYL GLUCOSIDE

Name of the product/preparation	Identifiers	%	Classification in accordance with Regulation (EC) No. 1272/2008 [CLP/GHS]	Type
Acetalization product between glucose and C16/18(even numbered) alcohol	REACH #: 01-2119382604-36 80 - 100	Not classified.		[*]

Based on the supplier's current knowledge, there are no additional ingredients present in the product in concentrations that would be classified or contribute to the classification of the substance and therefore do not require listing in this section.

Type

[*] Substance

[A] Folder

[B] Impurity

[C] Stabilizing additive

Hygienic limits of substances in workplace air, if available, see chapter 8.

SECTION 4: First aid measures

4.1 Description of first aid

Styk with eyes

: Immediately flush the eyes with plenty of water, occasionally lifting the upper and lower lids. Locate and remove contact lenses. If irritation occurs, seek medical attention.

Inhalation

: Move the casualty to fresh air and keep him at rest in a position that facilitates breathing. Seek medical attention if symptoms occur.

In contact with skin

: Wash contaminated skin with soap and water. Remove contaminated clothing and shoes. Seek medical attention if symptoms occur.

When ingested

: Rinse your mouth with water. Move the casualty to fresh air and keep him at rest in a position that facilitates breathing. If the material has been ingested and the affected person is conscious, give small amounts of water to drink. Do not induce vomiting unless specifically advised by a physician. Seek medical attention if symptoms occur.

Protection of first aid workers

: No actions may be undertaken that would pose a risk to persons or actions performed without proper training.

4.2 Most important symptoms and effects, both acute and delayed

Potential acute health effects

Eye contact

: No known serious negative effects.

Inhalation

: No known serious negative effects.

In contact with the skin : No serious negative effects are known.

Ingestion : No serious negative effects are known.

Signs and symptoms of overexposure

Styk with eyes

: No specific data.

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SECTION 4: First aid measures

- Inhalation** : No specific data.
- In contact with skin** : No specific data.
- When ingested** : No specific data.

4.3 Indication of immediate medical attention and special treatment

- Notes for physicians** : Follow the symptoms. Contact a toxicology specialist immediately, if a large amount has been swallowed or inhaled.
- Specific measures** : No specific treatment.

SECTION 5: Firefighting measures

5.1 Liability

- Suitable extinguishing agents** : Use an extinguishing agent suitable for extinguishing the surroundings of the fire.
- Unsuitable fire extinguishers** : They are not known.

5.2 Special hazards arising from the substance or mixture

- Hazards from the substance or mixture** : No particular fire or explosion hazard.
- Hazardous flammable products** : Decomposition products may contain the following substances:
carbon dioxide
carbon monoxide

5.3 Instructions for firefighters

- Special protective measures for firefighters** : Isolate the area immediately by removing all persons from the vicinity of the accident if there is a fire.
No actions may be undertaken that would pose a risk to persons or actions performed without proper training.
- Special protective equipment for firefighters** : Firefighters must use appropriate protective equipment and self-contained breathing apparatus with a full face mask. Clothing for firefighters (including helmets, safety boots and gloves) meeting the European standard EN 469 will provide a basic level of protection for chemical accidents.

SECTION 6: Accidental release measures

6.1 Personal protection measures, protective equipment and emergency procedures

- For workers other than emergency responders** : No actions may be undertaken that would pose a risk to persons or actions performed without proper training. Evacuate the surrounding area. Prohibition of entry of unauthorized and unprotected persons. Do not touch or walk over spilled material. Use the required personal protective equipment.
- For emergency responders** : If special clothing is required to contain the spill, see Section 8 for suitable and unsuitable materials. See also the information in the section "For workers other than emergency responders".

6.2 Environmental protection measures

- : Prevent spread of spilled material and soil contamination, and its release into waterways, wastes and sewers. If the product has caused environmental pollution (sewage, waterways, soil or air), inform the authorities.

6.3 Methods and material for containment and cleaning up

- Small spill** : Move containers away from the spill area. Vacuum or sweep the material and place it in a designated, marked waste container. Dispose of at an authorized waste disposal company.
- Big spill** : Move containers away from the spill area. Avoid entering drains, waterways, foundations of buildings or enclosed spaces. Vacuum or sweep the material and place it in a designated, marked waste container. Dispose of at an authorized waste disposal company.

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SECTION 6: Accidental release measures

- 6.4 Reference to Other Sections
- See Section 1 for emergency contact information.
 - See section 8 for information on suitable personal protective equipment.
 - See section 13 for further information on waste management.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

- Protective measures
- Use appropriate personal protective equipment (see Chapter 8).
- Recommendations regarding work hygiene
- Eating, drinking and smoking must be prohibited in places where this material is handled, where it is stored and processed. Workers must wash their hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering dining areas. See also section 8 for further information on hygiene measures.

- 7.2 Conditions for safe storage of substances and mixtures, including incompatible substances and mixtures
- Do not store above the following temperature: 40°C (104°F). Store in accordance with local regulations. Store in original containers protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Chapter 10) and food and drink. Keep container closed and sealed until ready to use. Opened containers must be carefully resealed and kept upright to prevent leakage.

Do not store in unmarked containers. Use appropriate packaging to avoid environmental contamination. Consult section 10 for information on incompatible materials before handling or use.

DO NOT STORE OUTSIDE. Protect from heat.

7.3 Specific end/specific end uses

- Recommendations
- Not available.
- Specific solutions for industrial sector
- Not available.

SECTION 8: Exposure controls/personal protection

The information in this section contains general recommendations and guidelines. The information is provided based on the assumption of typical use of the product. Additional measures may be required in the case of handling larger quantities or other uses where increased worker exposure or leakage into the environment may occur.

8.1 Control parameters

Hygienic limits of substances in workplace air

There is no known information about the limit value.

- Recommended monitoring procedures
- If the product contains components with a prescribed exposure limit, monitoring of persons, workplace air, or biological monitoring may be necessary to determine the effectiveness of ventilation or other control measures and/or to determine the need for the use of protective respiratory equipment. Reference should be made to monitoring standards, e.g.: European standard EN 689 (Air in the workplace - Guidelines for the determination of inhalation exposure to chemicals for comparison with limit values and measurement strategies) European standard EN 14042 (Air in the workplace - Guidance on the application and use of assessment procedures exposure to chemical and biological agents)

European standard EN 482 (Air in the workplace - General requirements for procedures for measuring chemical substances) For methods of determining hazardous substances, a reference to national procedural guidelines is also necessary.

DNEL/DMEL

Name of the product/preparation	Type	Exposure	Value	Populace	Impact (consequences)
Acetalization product between glucose and C16/18(even numbered) alcohol	DNEL Long-term	Dermal	1,11 mg/kg bw/den	Working	Systematic
	DNEL Long-term	Inhalation	7.84 mg/m³	Workers	Systematic

PNEC

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SECTION 8: Exposure controls/personal protection

Name of the product/preparation	Environmental information	Value	Method information
Acetalization product between glucose and C16/18(even numbered) alcohol	Fresh water	0,1 mg/l	Factors for consideration
	Marine	0,01 mg/l	Factors for consideration
	Sediment	927 mg/kg	Factors for consideration

8.2 Limiting Exposure

Appropriate engineering controls : Proper general ventilation should be sufficient to control occupational exposure to airborne contaminants.

Individual protective measures

- Hygiene measures
 - Wash hands, forearms, and face thoroughly after handling chemicals and before eating, smoking, using the restroom, or at the end of a shift. Appropriate procedures should be used to dispose of potentially contaminated clothing. Wash soiled clothing before further use. Provide an eyewash facility and a shower near the workplace.
- Eye and face protection
 - Wear eye protection conforming to approved standards whenever there is a potential hazard to prevent exposure to liquid splashes, aerosols, gases or dusts. If contact is likely and the evaluation does not indicate a higher degree of protection, the following protective equipment must be used: safety glasses with side shields.
- Hand protection
 - In the event of an anticipated hazard, approved and certified chemical-resistant impervious gloves must be used when handling the chemical.
- Body protection
 - In the event of a possible danger, it is necessary for the relevant expert to choose appropriate personal protective equipment according to the type of activity performed before handling this substance.
- Other skin protection
 - Appropriate footwear and skin protection measures must be selected according to the task being performed and the risks involved, and must be approved by a professional before starting work with this product.
- Respiratory protection:

Based on the hazard and exposure potential, select a respirator that meets the appropriate standard or certification. Respirators must be used in accordance with a respiratory protection program to ensure proper fitting, training and other important aspects of use.
- Limiting environmental exposure
 - To ensure compliance with the environmental protection conditions set by legislation environment, it is necessary to control emissions from ventilation and production equipment. In some cases, to reduce emissions to an acceptable level, it will be necessary to include smoke scrubbers, filters, or make modifications to production equipment.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance

- State
 - Solid substance. [Pellets]
- Color
 - White.
- Odor pH
 - Characteristic.
- Melting point/freezing point
 - 5.5 to 7.5 [End. (% w/w): 5%]
 - 61 do 65°C
- Initial boiling point and boiling range
 - 300 do 355°C
- Point of ignition
 - Closed crucible: 195.5°C [ASTM D 93.]
- Flammability of the product
 - Non-flammable.
- Steam pressure
 - 0.0000012 kPa [room temperature]
- Relative density
 - 0,89
- Solubility
 - Insoluble in the following materials: cold water.
 - Disperses in the following materials: hot water.
- Solubility in water (g/l)
 - <=0,001 g/l

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SECTION 9: Physical and chemical properties

Partition coefficient: n-octanol/
water : 7,7

Oxidizing properties : None.

9.2 Additional Information

Granulometers The : 2.8 - 4 mm : >96%

data taken into this section do not replace the specifications.

SECTION 10: Stability and reactivity

10.1 Reactive : No specific data is available for this product or its ingredients reactivity tests.

10.2 Chemical stability : The product is stable.

10.3 Possibility of hazardous reactions : No hazardous reactions occur under normal conditions of storage and use.

10.4 Conditions to Avoid : No specific data.

10.5 Incompatible materials: No specific data.

10.6 Hazardous decomposition products : Hazardous decomposition products should not be formed under normal storage conditions and use.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity

Conclusion/summary : Not classified as hazardous

Estimates of acute toxicity

Name of the product/preparation	Oral (mg/kg)	Dermal (mg/kg)	Inhalation (gases) (ppm)	Inhalation (vapours) (mg/l)	Inhalation (dusts and aerosols) (mg/l)
Acetalization product between glucose and C16/18 (even numbered) alcohol	2500	2500	N/A	N/A	N/A

Irritation/Corrosion

Conclusion/summary :

Skin : Not irritating to the skin.

Eyes : Not irritating to the eyes.

Hypersensitivity

Conclusion/summary :

Skin : Not sensitizing to the skin.

Mutagenita

Name of the product/preparation	Test	Try	Result
MONTANOV 68 MB	OECD 471	Experiment: In vitro Subject: Bacteria	Negative
	OECD 476	Experiment: In vitro Subject: Mammal - animal	Negative
	OECD 473	Experiment: In vitro Subject: Mammal - human	Negative

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Conclusion/summary : Not mutagenic in a standard set of genetic-toxicological tests.

Carcinogenic

Conclusion/summary : They are not available.

Reproductive toxicity

Product/preparation name	Maternal toxicity	Fertility	Development of the foetus	Toxin Test	Dose	Exposure
MONTANOV 68 MB	Negative	Negative	Negative OCDE 414	& OECD 407	Oral: 1000 mg/kg bw/day	

Conclusion/summary : No known serious negative effects.

Teratogenic

Conclusion/summary : They are not available.

Specific target organ toxicity - single exposure

They are not available.

Specific target organ toxicity - repeated exposure

They are not available.

Inhalation hazard

They are not available.

Potential acute health effects

- Styk with eyes** : No known serious negative effects.
- Inhalation** : No known serious negative effects.
- In contact with skin** : No known serious negative effects.
- When ingested** : No known serious negative effects.

Symptoms corresponding to physical, chemical and toxicological properties

- Styk with eyes** : No specific data.
- Inhalation** : No specific data.
- In contact with skin** : No specific data.
- When ingested** : No specific data.

Delayed and immediate effects as well as chronic effects of short and long term exposure

Short-term exposure

Long-term exposure

Potential chronic health effects

Chronic toxicity

Name of product/preparation	Result	Test	Dose	Exposure
MONTANOV 68 MB	Subchronic NOAEL Oral OCDE 407		1000 mg/kg bw/day	28 days
	Subchronic NOAEL Oral OCDE 408		1000 mg/kg bw/day	90 days

- Conclusion/summary** : Not classified as hazardous
- In general** : No known serious negative effects.
- Carcinogenic** : No known serious negative effects.
- Mutagenita** : No known serious negative effects.
- Teratogenic** : No known serious negative effects.
- Impact on development** : No known serious negative effects.
- Effect on fertility** : No known serious negative effects.

More information : They are not available.

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SECTION 12: Ecological information

12.1 Toxicity

Product Name/ preparation	Result	Test	Second	Exposure
MONTANOV 68 MB	Acute EC50 >100 mg/l	OECD 201	Algae - Desmodesmus subspicatus	72 hours
	Acute EC50 >100 mg/l Fresh Water	OECD 202	Daphnia - Daphnia magna 48 hours	
	Acute LC50 >100 mg/l Fresh Water	OECD 203	Ryba - Denmark rerio	96 hours
	Chronic NOEC 1000 mg/kg	OECD 222	Earthworm - Eisenia fetida	4 weeks

Conclusion/summary : Not classified as hazardous

12.2 Persistence and Deployability

Name of the product/preparation	Test	Result	Dose	Vaccine
MONTANOV 68 MB	OCDE 301B	97.4% - Easy - 28 days	20 mg/l	Activated cal

Conclusion/summary : This product is easily biodegradable.

Name of the product/preparation	Half-life in water	Photodegradation	Biodegradability
MONTANOV 68 MB	.	.	Easily


12.3 Bioaccumulative potential

Name of the product/preparation	LogPow	BCF	Potential
MONTANOV 68 MB	7,7	.	high

12.4 Mobility in soil

Soil/water partition coefficient (KOC) : >5,63

12.5 Results of PBT and vPvB assessment

The product meets the criteria for PBT or vPvB according to Regulation (EC) No. 1907/2006, Annex XIII	PBT	P	B	T	vPvB	vP	vB
	 Yes	N/A	N/A	Yes	N/A	N/A	N/A


12.6 Other Adverse Effects : No serious negative effects are known.

SECTION 13: Disposal considerations

13.1 Waste management methods

Product

Removal methods : The creation of waste should be avoided as much as possible. Disposal of this product, solutions and any by-products must at all times comply with environmental protection, waste legislation and all local authority requirements.
Entrust the disposal of excess and non-recyclable material to an authorized company.
The waste must not be discharged into the sewage system untreated, unless it is fully in accordance with the requirements of all competent authorities.

Dangerous waste :  According to the supplier's current knowledge, this product should not be considered as hazardous waste as defined by EU Directive 2008/98/EC.

Packaging

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SECTION 13: Disposal considerations

- Removal methods**
- The creation of waste should be avoided as much as possible. Waste packaging should be recycled. Consider burning or landfilling only if recycling is not possible.
- Special measures**
- This material and its packaging must be disposed of in a safe manner. Product residues may remain in empty containers or tanks. Prevent spread of spilled material and soil contamination, and its release into waterways, waste and sewage.

SECTION 14: Transport information

	ADR/RID	DNA	IMDG	THERE IT IS
14.1 UN number	Does not apply.	Does not apply.	Does not apply.	Does not apply.
14.2 Official (UN) shipping name	-	-	-	-
14.3 Transport hazard class(es).	-	-	-	-
14.4 Packaging group	-	-	-	-
14.5 Environmental hazard	Yes.	Yes.	Yes.	Yes.
14.6 Special security measures for users	Transport around the user's premises: always transport in closed containers that are built and secured. Ensure that persons transporting the product know what to do in the event of an accident or product spillage.			
More information	-	-	-	-

14.7 Bulk transport according to IMO instruments : They are not available.

SECTION 15: Regulatory Information

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

EU Regulation (EC) No. 1907/2006 (REACH)

Annex XIV - List of substances subject to authorisation

Annex XIV

None of these folders are listed.

Substances of very high concern

None of these folders are listed.

Annex XVI - Restrictions on the production, placing on the market and use of certain dangerous substances, mixtures and objects

- Can not be used.

Other EU regulations

European catalog : All folders are listed or excluded from the list.

Industrial emissions (integrated : Not listed

pollution prevention and control) - the air

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SECTION 15: Regulatory Information

Industrial emissions : Not listed
(integrated pollution prevention and control) - Water

Ozone depleting substances (1005/2009/EU)
Not in the list.

Prior Informed Consent (PIC) (649/2012/EU)
Not in the list.

Seveso Directive
This product is not controlled according to the Seveso Directive.
Not in the list.

15.2 Chemical safety assessment : Can not be used.

SECTION 16: Further information

Indicates information that has been changed from the previous version.

Abbreviations : ATE = acute toxicity estimate
CLP = Regulation on Classification, Labeling and Packaging of Substances and Mixtures [Regulation (EC) 1272/2008]
DNEL = derived no-adverse-effect level
H regulation of the European Union = CLP - specific hazard regulation
PNEC = estimate of no-adverse effect concentration
RRN = REACH Registration Number

Procedure used to derive the classification according to Regulation (EC) No 1272/2008 [CLP/GHS]

Classification	Justification
Unclassified.	

Full text of abbreviated H-phrases: Can not be used.

Full text of the classifications [CLP/GHS] : Can not be used.

History
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Note to readers
The information contained in this document is indicative: it is based on the state of SEPPIC*'s knowledge of the product at the above date. It applies to the product in the given condition according to the specifications supplied by SEPPIC*. In case of combining, mixing or transforming the product is the responsibility of the user to ensure that no new hazard can occur. The use of this information is beyond the control of SEPPIC*, which makes no express or implied warranty and is not responsible for the user's use of this information and the product. SEPPIC* means the company SEPPIC SA and its subsidiaries (addresses are listed on www.seppic.com)