

**MONTANOV 202**

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

**1.1 Product identifier**

**Product trade name** : MONTANOV 202  
**Product code** : 36196T  
**REACH Product name** : Acetalization product between glucose and C20/22(even numbered) alcohol  
**REACH Registration number**

**Registration number**

01-2119385312-42-0000

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

**Material uses** : Manufacture of cosmetics.

**1.3 Details of the supplier of the safety data sheet**

**Supplier** : SEPPIC SA  
Paris La Défense  
50 boulevard National  
CS 90020  
92257 La Garenne Colombes Cedex - France  
Phone: +33 (0)1 42 91 40 00  
Fax: +33(0)1 42 91 41 41

**e-mail address of person responsible for this SDS** : MSDSinfo.SEPPIC@airliquide.com

**1.4 Emergency telephone number**

**National advisory body/Poison Centre** : UNITED KINGDOM :  
999

**Supplier** : SEPPIC  
Tél.: +33 (0)5 63 72 69 69

**SECTION 2: Hazards identification**

**2.1 Classification of the substance or mixture**

**Classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]**

Not classified.

See Section 11 for more detailed information on health effects and symptoms.

**2.2 Label elements**

**Signal word** : No signal word.  
**Hazard statements** : No known significant effects or critical hazards.  
**Contains** : Acetalization product between glucose and C20/22(even numbered) alcohol

**2.3 Other hazards**

**Substance meets the criteria for PBT according to Regulation (EC) No. 1907/2006, Annex XIII** : No.  
P: Not available. B: Not available. T: No.

**Substance meets the criteria for vPvB according to Regulation (EC) No. 1907/2006, Annex XIII** : Not available.

**Other hazards which do not result in classification** : None known.

**Date of issue/Date of revision** : 15/04/2020

**1/10**

MONTANOV 202

**SECTION 2: Hazards identification****ADDITIONAL INFORMATION**

Storage : STORE UNDER COVER. Keep away from heat.

**SECTION 3: Composition/information on ingredients**

3.1 Substances : UVCB

INCI Name: : ARACHIDYL ALCOHOL &amp; BEHENYL ALCOHOL &amp; ARACHIDYL GLUCOSIDE

Product/ingredient name	Identifiers	%	Classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]	Type
Acetalization product between glucose and C20/22(even numbered) alcohol	REACH #: 01-2119385312-42	80 - 100	Not classified.	[*]

There are no additional ingredients present which, within the current knowledge of the supplier, are classified and contribute to the classification of the substance and hence require reporting in this section.

**Type**

[\*] Substance

[A] Constituent

[B] Impurity

[C] Stabilising additive

Occupational exposure limits, if available, are listed in Section 8.

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

- Eye contact** : Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
- Inhalation** : Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
- Skin contact** : Wash contaminated skin with soap and water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
- Ingestion** : Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.
- Protection of first-aiders** : No action shall be taken involving any personal risk or without suitable training.

**4.2 Most important symptoms and effects, both acute and delayed****Potential acute health effects**

- Eye contact** : No known significant effects or critical hazards.
- Inhalation** : No known significant effects or critical hazards.
- Skin contact** : No known significant effects or critical hazards.
- Ingestion** : No known significant effects or critical hazards.

**Over-exposure signs/symptoms**

- Eye contact** : No specific data.
- Inhalation** : No specific data.
- Skin contact** : No specific data.
- Ingestion** : No specific data.

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

- Notes to physician** : Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
- Specific treatments** : No specific treatment.

Date of issue/Date of revision : 15/04/2020

2/10

MONTANOV 202

**SECTION 4: First aid measures****SECTION 5: Firefighting measures****5.1 Extinguishing media**

**Suitable extinguishing media** : Use an extinguishing agent suitable for the surrounding fire.

**Unsuitable extinguishing media** : None known.

**5.2 Special hazards arising from the substance or mixture**

**Hazards from the substance or mixture** : No specific fire or explosion hazard.

**Hazardous combustion products** : Decomposition products may include the following materials:  
carbon dioxide  
carbon monoxide

**5.3 Advice for firefighters**

**Special protective actions for fire-fighters** : Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.

**Special protective equipment for fire-fighters** : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.

**SECTION 6: Accidental release measures****6.1 Personal precautions, protective equipment and emergency procedures**

**For non-emergency personnel** : No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Put on appropriate personal protective equipment.

**For emergency responders** : If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

**6.2 Environmental precautions**

: Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

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

**Small spill** : Move containers from spill area. Vacuum or sweep up material and place in a designated, labelled waste container. Dispose of via a licensed waste disposal contractor.

**Large spill** : Move containers from spill area. Prevent entry into sewers, water courses, basements or confined areas. Vacuum or sweep up material and place in a designated, labelled waste container. Dispose of via a licensed waste disposal contractor.

**6.4 Reference to other sections**

: See Section 1 for emergency contact information.  
See Section 8 for information on appropriate personal protective equipment.  
See Section 13 for additional waste treatment information.

**SECTION 7: Handling and storage****7.1 Precautions for safe handling**

- Protective measures** : Put on appropriate personal protective equipment (see Section 8).
- Advice on general occupational hygiene** : Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

**7.2 Conditions for safe storage, including any incompatibilities**

- : Do not store above the following temperature: 40°C (104°F). Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination.
- STORE UNDER COVER. Keep away from heat.

**7.3 Specific end use(s)**

- Recommendations** : Not available.
- Industrial sector specific solutions** : Not available.

**SECTION 8: Exposure controls/personal protection**

The information in this section contains generic advice and guidance. Information is provided based on typical anticipated uses of the product. Additional measures might be required for bulk handling or other uses that could significantly increase worker exposure or environmental releases.

**8.1 Control parameters****Occupational exposure limits**

No exposure limit value known.

- Recommended monitoring procedures** : If this product contains ingredients with exposure limits, personal, workplace atmosphere or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment. Reference should be made to monitoring standards, such as the following: European Standard EN 689 (Workplace atmospheres - Guidance for the assessment of exposure by inhalation to chemical agents for comparison with limit values and measurement strategy) European Standard EN 14042 (Workplace atmospheres - Guide for the application and use of procedures for the assessment of exposure to chemical and biological agents) European Standard EN 482 (Workplace atmospheres - General requirements for the performance of procedures for the measurement of chemical agents) Reference to national guidance documents for methods for the determination of hazardous substances will also be required.

**DNELs/DMELs**

Product/ingredient name	Type	Exposure	Value	Population	Effects
Acetalization product between glucose and C20/22(even numbered) alcohol	DNEL	Long term Dermal	4,76 mg/kg bw/day	Workers	Systemic
	DNEL	Long term Inhalation	33,6 mg/m <sup>3</sup>	Workers	Systemic

**PNECs**

Product/ingredient name	Compartment Detail	Value	Method Detail
Acetalization product between glucose and C20/22(even numbered) alcohol	Fresh water	0,1 mg/l	Assessment Factors
	Marine	0,01 mg/l	Assessment Factors
	Fresh water sediment	4270 mg/kg dwt	Equilibrium Partitioning

**SECTION 8: Exposure controls/personal protection****8.2 Exposure controls**

**Appropriate engineering controls** : Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

**Hygiene measures** : Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

**Individual protection measures**

**Eye/face protection** : Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: safety glasses with side-shields.

**Hand protection** : Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.

**Body protection** : Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

**Other skin protection** : Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

**Respiratory protection** : Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use.

**Environmental exposure controls** : Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

**SECTION 9: Physical and chemical properties****9.1 Information on basic physical and chemical properties****Appearance**

**Physical state** : Solid. [Pellets]  
**Colour** : White.  
**pH** : 5,5 to 7,5 [Conc. (% w/w): 5%]  
**Melting point/freezing point** : 74 to 78°C  
**Initial boiling point and boiling range** : >325°C  
**Flash point** : Closed cup: 235,5°C [ASTM D 93.]  
**Flammability of the product** : Non-flammable.  
**Vapour pressure** : 0,000000067 kPa [room temperature]  
**Density** : 0,87 g/cm<sup>3</sup> to 20 °C  
**Solubility** : Insoluble in the following materials: cold water.  
 Dispersible in the following materials: hot water.  
**Water solubility (g/l)** : <0,001 g/l  
**Partition coefficient: n-octanol/ water** : 9,7

**9.2 Other information**

**Granulometry** : 2.8 - 4.4 mm : >98%

The information presented in this section does not serve as specifications.

MONTANOV 202

**SECTION 10: Stability and reactivity**

- 10.1 Reactivity** : No specific test data related to reactivity available for this product or its ingredients.
- 10.2 Chemical stability** : The product is stable.
- 10.3 Possibility of hazardous reactions** : Under normal conditions of storage and use, hazardous reactions will not occur.
- 10.4 Conditions to avoid** : No specific data.
- 10.5 Incompatible materials** : No specific data.
- 10.6 Hazardous decomposition products** : Under normal conditions of storage and use, hazardous decomposition products should not be produced.

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

**Conclusion/Summary** : Not classified as dangerous

Irritation/Corrosion

**Conclusion/Summary** :

**Skin** : Non-irritating to the skin.

**Eyes** : Non-irritating to the eyes.

Sensitisation

**Conclusion/Summary** :

**Skin** : Non-sensitiser to skin.

Mutagenicity

Product/ingredient name	Test	Experiment	Result
MONTANOV 202	OCDE 471	Experiment: In vitro Subject: Bacteria	Negative
	OCDE 476	Experiment: In vitro Subject: Mammalian-Animal	Negative
	OCDE 473	Experiment: In vitro Subject: Mammalian-Human	Negative

**Conclusion/Summary** : Not mutagenic in a standard battery of genetic toxicological tests.

Carcinogenicity

**Conclusion/Summary** : Not available.

Reproductive toxicity

Product/ingredient name	Maternal toxicity	Fertility	Developmental toxin	Test	Dose	Exposure
MONTANOV 202	Negative	Negative	Negative	OCDE 422	Oral: 1000 mg/kg bw/day	-
	Negative	Negative	Negative	OCDE 414 (Read across)	Oral: 1000 mg/kg bw/day	-

**Conclusion/Summary** : No known significant effects or critical hazards.

Teratogenicity

**Conclusion/Summary** : Not available.

Specific target organ toxicity (single exposure)

Not available.

Specific target organ toxicity (repeated exposure)

**Date of issue/Date of revision** : 15/04/2020

6/10

MONTANOV 202

**SECTION 11: Toxicological information**

Not available.

**Aspiration hazard**

Not available.

**Delayed and immediate effects as well as chronic effects from short and long-term exposure****Short term exposure****Long term exposure****Potential chronic health effects****Chronic toxicity**

Product/ingredient name	Result	Test	Dose	Exposure
MONTANOV 202	Chronic NOAEL Oral	OCDE 422	1000 mg/kg bw/day	-
	Sub-chronic NOAEL Oral	OCDE 408 (Read across)	1000 mg/kg bw/day	-

<b>Conclusion/Summary</b>	: Not classified as dangerous
<b>General</b>	: No known significant effects or critical hazards.
<b>Carcinogenicity</b>	: No known significant effects or critical hazards.
<b>Mutagenicity</b>	: No known significant effects or critical hazards.
<b>Teratogenicity</b>	: No known significant effects or critical hazards.
<b>Developmental effects</b>	: No known significant effects or critical hazards.
<b>Fertility effects</b>	: No known significant effects or critical hazards.

**Other information** : Not available.**SECTION 12: Ecological information****12.1 Toxicity**

Product/ingredient name	Result	Test	Species	Exposure
MONTANOV 202	Acute EC50 >100 mg/l Fresh water	OCDE 201	Algae - Desmodesmus subspicatus	72 hours
	Acute EC50 >100 mg/l Fresh water	OCDE 202	Daphnia - Daphnia magna	48 hours
	Acute LC50 >100 mg/l Fresh water	OCDE 203	Fish - Danio rerio	96 hours
	Chronic NOEC 1000 mg/kg	OECD 222	Earthworm - Eisenia fetida	56 days
	Chronic NOEL 100 mg/l Fresh water	OECD 211	Daphnia	21 days
	Chronic NOEL 100 mg/l	OECD 210	Fish	33 days

**12.2 Persistence and degradability**

Product/ingredient name	Test	Result	Dose	Inoculum
MONTANOV 202	OCDE 301F	67 % - Readily - 28 days	-	Activated sludge

**Conclusion/Summary** : This product is readily biodegradable. ( According to "Guidance on the Application of Regulation (EC) No 1272/2008, ECHA 2009" )

Product/ingredient name	Aquatic half-life	Photolysis	Biodegradability
MONTANOV 202	-	-	Readily

**12.3 Bioaccumulative potential****Date of issue/Date of revision** : 15/04/2020**7/10**

MONTANOV 202

**SECTION 12: Ecological information**

Product/ingredient name	LogP <sub>ow</sub>	BCF	Potential
MONTANOV 202	9,7	-	high

**12.4 Mobility in soil**

Soil/water partition coefficient (K<sub>oc</sub>) : 4,49 to 5,05

**12.5 Results of PBT and vPvB assessment**

**PBT** : No.  
P: Not available. B: Not available. T: No.

**vPvB** : Not available.  
vP: Not available. vB: Not available.

**12.6 Other adverse effects** : No known significant effects or critical hazards.

**SECTION 13: Disposal considerations****13.1 Waste treatment methods**Product

**Methods of disposal** : The generation of waste should be avoided or minimised wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction.

**Hazardous waste** : Within the present knowledge of the supplier, this product is not regarded as hazardous waste, as defined by EU Directive 2008/98/EC.

Packaging

**Methods of disposal** : The generation of waste should be avoided or minimised wherever possible. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible.

**Special precautions** : This material and its container must be disposed of in a safe way. Empty containers or liners may retain some product residues. Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers.

**SECTION 14: Transport information**

	ADR/RID	ADN	IMDG	IATA
<b>14.1 UN number</b>	Not regulated.	Not regulated.	Not regulated.	Not regulated.
<b>14.2 UN proper shipping name</b>	-	-	-	-
<b>14.3 Transport hazard class(es)</b>	-	-	-	-
<b>14.4 Packing group</b>	-	-	-	-
<b>14.5 Environmental hazards</b>	No.	No.	No.	No.
<b>14.6 Special precautions for user</b>	<b>Transport within user's premises:</b> always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.			

Date of issue/Date of revision : 15/04/2020

8/10



MONTANOV 202

**SECTION 14: Transport information**

Additional information	-	-	-	-
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**14.7 Transport in bulk according to Annex II of Marpol and the IBC Code** : 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 the components are listed.

Substances of very high concern

None of the components are listed.

**Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles** : Not applicable.

Other EU regulations

**Europe inventory** : All components are listed or exempted.

Ozone depleting substances (1005/2009/EU)

Not listed.

Prior Informed Consent (PIC) (649/2012/EU)

Not listed.

Seveso Directive

This product is not controlled under the Seveso Directive.

**15.2 Chemical safety assessment** : Not applicable.

**SECTION 16: Other information**

Indicates information that has changed from previously issued version.

**Abbreviations and acronyms** : ATE = Acute Toxicity Estimate  
CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No. 1272/2008]  
DNEL = Derived No Effect Level  
EUH statement = CLP-specific Hazard statement  
PNEC = Predicted No Effect Concentration  
RRN = REACH Registration Number

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

Classification	Justification
Not classified.	

**Full text of abbreviated H statements** : Not applicable.

**Full text of classifications [CLP/GHS]** : Not applicable.

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9/10

MONTANOV 202

## SECTION 16: Other information

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### Notice to reader

The information contained in this document is provided as a guideline; it is based on the extent of SEPPIC's knowledge regarding the product on the date indicated above. It applies to the product as is, in conformity with the specifications provided by SEPPIC\*.

Should the product undergo chemical transformation or be combined or mixed with other substances, it is the sole responsibility of the user to ensure that no new danger appear. Given that the use of this information is beyond the control of SEPPIC\*, SEPPIC\* provides no warranty, whether express or implied, and assumes no responsibility, regarding the use of this information and of the user's product.

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