

MSDS FOR MONTANOV 202

1. PRODUCT NAME AND COMPANY IDENTIFICATION

- Product Name: MONTANOV 202
- Product Use: Personal Care Formulations
- Company Name: MINICHEMIST TECHNOLOGIES
- Company Address: 6039-246 STEWART GREEN SW, CALGARY ALBERTA, T3H3C8
- Date Issued: 07/20/2021
- Emergency Telephone Number: (800) 225-3924 Canada, USA, Puerto Rico

2. HAZARDS IDENTIFICATION

No classification and labeling is required

3. COMPOSITION/INGREDIENT INFORMATION

- Ingredients: MONTANOV 202
- Hazardous Components: None
- INCI: ARACHIDYL ALCOHOL & BEHENYL ALCOHOL & ARACHIDYL GLUCOSIDE
- CAS #: 61789-32-0

4. 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.
- **Skin contact:** Remove contaminated clothing. Wash area with soap and water. Get medical attention.
- **Inhalation:** Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention.
- **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.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media

Use an extinguishing agent suitable for the surrounding fire.

Hazardous decomposition info

Decomposition products may include the following materials: carbon dioxide, carbon monoxide

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.

6. ACCIDENTAL RELEASE MEASURE

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 spilled material. Put on appropriate personal protective equipment.

For emergency responders

If specialized 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".

Environmental precautions

Avoid dispersal of spilled 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).

Methods and materials for containment and cleaning up

- Small spill: Move containers from spill area. Vacuum or sweep up material and place in a designated, labeled 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, labeled waste container. Dispose of via a licensed waste disposal contractor. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

7. HANDLING AND STORAGE

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.

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 unlabeled containers. Use appropriate containment to avoid environmental contamination.: Protective measures: Put on appropriate personal protective equipment (see Section 8). Precautions for safe handling STORE UNDER COVER. Keep away from heat.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Appropriate engineering controls

Good general ventilation should be sufficient to control worker exposure to airborne contaminants

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.

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.

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.

9. PHYSICAL AND CHEMICAL PROPERTIES

- Appearance: solid (pellets)
- Color: white
- Odor: Characteristic
- Boiling Point: >325°C (>617°F)
- Freezing Point: Not determined
- Melting point: 74 to 78°C (165,2 to 172,4°F)
- Flash point: Closed cup: 235,5°C (455,9°F) [ASTM D 93.]
- pH: 5,5 to 7,5 [Conc. (% w/w): 5%]
- Water Solubility: <0,001 g/l

10. STABILITY AND REACTIVITY

Reactivity Conditions

No specific test data related to reactivity available for this product or its ingredients.

Chemical stability

The product is stable if stored and handled as prescribed/indicated.

Possibility of hazardous Reactions

Under normal conditions of storage and use, hazardous reactions will not occur.

Conditions to avoid

No specific data.

Incompatible materials

No specific data.

Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced

11. TOXICOLOGICAL INFORMATION

Acute Toxicity

Not classified as dangerous

Irritation

Non-irritating to the skin. Non-irritating to the eyes

Corrosivity

This is not a corrosive product.

Sensitization

Non-sensitizer to skin

Mutagenicity

Not mutagenic in a standard battery of genetic toxicological tests.

Carcinogenicity

No data available.

Toxicity for reproduction

No known significant effects or critical hazards.

Specific target organ toxicity (single exposure)

Not available.

Specific target organ toxicity (repeated exposure)

Not available.

Aspiration hazard

Not available

Other information

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

12. ECOLOGICAL INFORMATION

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

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

Bioaccumulative potential

Product/ingredient name	LogP _{ow}	BCF	Potential
MONTANOV 202	9,7	-	high

Mobility in soil

Soil/water partition coefficient (K_{oc}) : 4,49 to 5,05

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

13. DISPOSAL CONSIDERATIONS

Product disposal methods

The generation of waste should be avoided or minimized 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. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. 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 spilled material and runoff and contact with soil, waterways, drains and sewers.

14. TRANSPORT INFORMATION

Special precautions for user: Transport within user's premises: 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.

Other information: None

15. REGULATORY INFORMATION

Federal Regulations

Cosmetic statute

Hazard Codes

- Health: 0
- Flammability: 0
- Physical hazards: 0

16. OTHER INFORMATION

- Prohibited uses: For specific uses, food industry
- Last Revision Date: N/A
- Current version: 2
- Preparation Date: 07/20/2021
- MSDS summary of changes: typo error on section 1 SCI instead of MONTANOV 202

The information given is based on our knowledge of this product, at the time of publication in good faith. The attention of the user is drawn to the possible risks incurred by using the product for any other purpose other than which it was intended. This is not in any way excuse the user from knowing and applying all the regulations governing their activity. It is sole responsibility of the user to take all precautions required in handling the product. The purpose of mandatory regulation mentioned is to help the user to fulfill his obligations regarding the use of products. This information is not exhaustive, this is not exonerating the user from ensuring that legal obligations other than those mentioned, relating to the use and storage.

The above regulatory prescriptions are those valid on the date of publication of this sheet. However, given the possible evolution of transport regulations for hazardous materials and in the event of the MSDS in your possession dating back more than 12 months, it is advisable to check their validity with us.