Pure Ingredients
Cosmetics • Personal care • Natural health

# Safety Data Sheet

## 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

**Product Name:** **MONTANOV 202**

**Recommended Use of the Chemical and Restrictions on Use** Cosmetic applications.

**Supplier:** Pure Ingredients Ltd
**Street Address:** 626A Rosebank Road, Avondale
Auckland 1026
New Zealand

**Telephone Number:** +09 813 5619

**Emergency Telephone:** 111 / NZ Poisons Centre 0800 POISON (0800 764 766)

Please ensure you refer to the limitations of this Safety Data Sheet as set out in the "Other Information" section at the end of this Data Sheet.

## 2. HAZARDS IDENTIFICATION

Not classified as a Dangerous Good under NZS 5433:2012 Transport of Dangerous Goods on Land.

Based on available information, not classified as hazardous according to criteria in the Hazardous Substances (Minimum Degrees of Hazard) Notice 2017 and the Hazardous Substances (Classification) Notice 2017.

## 3. COMPOSITION AND INFORMATION ON INGREDIENTS

**Product Description:** Arachidyl Alcohol, Behenyl Alcohol and Arachidyl Glucoside.

| Components | CAS Number | Proportion | Hazard Codes |
|---|---|---|---|
| Ingredients determined not to be hazardous | - | 100% | - |

## 4. FIRST AID MEASURES

For advice, contact a Poisons Information Centre (e.g. phone Australia 131 126; New Zealand 0800 764 766) or a doctor.

**Inhalation:**
Remove victim from area of exposure - avoid becoming a casualty. Remove contaminated clothing and loosen remaining clothing. Allow patient to assume most comfortable position and keep warm. Keep at rest until fully recovered. Seek medical advice if effects persist.

**Skin Contact:**
If skin or hair contact occurs, remove contaminated clothing and wash skin and hair with soap and water. If irritation occurs seek medical advice.

**Eye Contact:**
If in eyes, wash out immediately with water. In all cases of eye contamination it is a sensible precaution to seek medical advice.

**Ingestion:**
Rinse mouth with water. If swallowed, do NOT induce vomiting. Give a glass of water. Seek medical advice.

**Indication of immediate medical attention and special treatment needed:**
Treat symptomatically.

## 5. FIRE FIGHTING MEASURES

**Suitable Extinguishing Media:**
Extinguishing media appropriate to surrounding fire conditions.

**Specific hazards arising from the chemical:**
Combustible solid. On burning will emit toxic fumes, including those of oxides of carbon.

**Special protective equipment and precautions for fire-fighters:**
Fire fighters to wear self-contained breathing apparatus and suitable protective clothing if risk of exposure to vapour or products of combustion. Keep containers cool with water spray.

## 6. ACCIDENTAL RELEASE MEASURES

**Emergency procedures/Environmental precautions:**
Shut off all possible sources of ignition. If contamination of sewers or waterways has occurred advise local emergency services.

**Personal precautions/Protective equipment/Methods and materials for containment and cleaning up:**
Slippery when spilt. Avoid accidents, clean up immediately. Wear protective equipment to prevent skin and eye contact and breathing in dust. Work up wind or increase ventilation. Cover with damp absorbent (inert material, sand or soil). Sweep or vacuum up, but avoid generating dust. Collect and seal in properly labelled containers or drums for disposal.

## 7. HANDLING AND STORAGE

**Precautions for safe handling:** Avoid skin and eye contact and breathing in dust.
Avoid handling which leads to dust formation. In common with many organic chemicals, may form flammable dust clouds in air. For precautions necessary refer to Safety Data Sheet "Dust Explosion Hazards". Take precautionary measures against static discharges.

**Conditions for safe storage, including any incompatibilities:** Store in a cool, dry, well ventilated place and out of direct sunlight. Store away from sources of heat or ignition. Do not store above 40°C. Store away from incompatible materials described in Section 10. Keep containers closed when not in use - check regularly for spills.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Workplace Exposure Standards:** No value assigned for this specific material by the New Zealand Workplace Health & Safety Authority. However, Workplace Exposure Standard(s) for particulates:

Particulates not otherwise classified: 8hr WES-TWA 10 mg/m$^3$ (inhalable dust) or 3 mg/m$^3$ (respirable dust)

As published by the New Zealand Workplace Health & Safety Authority.

WES - TWA (Workplace Exposure Standard - Time Weighted Average) - The eight-hour, time-weighted average exposure standard is designed to protect the worker from the effects of long-term exposure.

These Workplace Exposure Standards are guides to be used in the control of occupational health hazards. All atmospheric contamination should be kept to as low a level as is workable. These workplace exposure standards should not be used as fine dividing lines between safe and dangerous concentrations of chemicals. They are not a measure of relative toxicity.

**Appropriate engineering controls:**
Ensure ventilation is adequate to maintain air concentrations below Workplace Exposure Standards. Avoid generating and breathing in dusts. Keep containers closed when not in use.

If in the handling and application of this material, safe exposure levels could be exceeded, the use of engineering controls such as local exhaust ventilation must be considered and the results documented. If achieving safe exposure levels does not require engineering controls, then a detailed and documented risk assessment using the relevant Personal Protective Equipment (PPE) (refer to PPE section below) as a basis must be carried out to determine the minimum PPE requirements.

**Individual protection measures, such as Personal Protective Equipment (PPE):**
The selection of PPE is dependent on a detailed risk assessment. The risk assessment should consider the work situation, the physical form of the chemical, the handling methods, and environmental factors.

OVERALLS, SAFETY SHOES, SAFETY GLASSES, GLOVES, DUST MASK.

Wear overalls, safety glasses and impervious gloves. Avoid generating and inhaling dusts. If determined by a risk assessment an inhalation risk exists, wear a dust mask/respirator meeting the requirements of AS/NZS 1715 and AS/NZS 1716. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storage or re-use.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

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| **Physical state:** | Pellets / Flakes |
| **Colour:** | White |
| **Odour:** | Not available |
| **Odour Threshold:** | Not available |
| **Solubility:** | Insoluble in cold water. Dispersible in hot water. |
| **Specific Gravity:** | 0.87 g/cm3 (density) |
| **Relative Vapour Density (air=1):** | Not available |
| **Vapour Pressure (20 °C):** | 0.000000067 kPa (room temperature) |

| | |
|---|---|
| **Flash Point (°C):** | 235.5 (CC) |
| **Flammability Limits (%):** | Not available |
| **Autoignition Temperature (°C):** | Not available |
| **Solubility in water (g/L):** | <0.001 |
| **Melting Point/Range (°C):** | 74 - 78 |
| **Boiling Point/Range (°C):** | >325 |
| **Decomposition Point (°C):** | Not available |
| **pH:** | 5.5 - 7.5 (5% w/w) |
| **Viscosity:** | Not available |
| **Partition Coefficient:** | 9.7 |

## 10. STABILITY AND REACTIVITY

**Reactivity:** No information available.

**Chemical stability:** Stable under normal conditions of use.

**Possibility of hazardous reactions:** Hazardous polymerisation will not occur.

**Conditions to avoid:** Avoid exposure to heat, sources of ignition, and open flame. Avoid dust generation.

**Incompatible materials:** None known.

**Hazardous decomposition products:** Oxides of carbon.

## 11. TOXICOLOGICAL INFORMATION

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms or effects that may arise if the product is mishandled and overexposure occurs are:

**Ingestion:** No adverse effects expected, however, large amounts may cause nausea and vomiting.

**Eye contact:** May be an eye irritant. Exposure to the dust may cause discomfort due to particulate nature. May cause physical irritation to the eyes.

**Skin contact:** Repeated or prolonged skin contact may lead to irritation.

**Inhalation:** Breathing in dust may result in respiratory irritation.

**Acute toxicity:** No LD50 data available for the product.

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|---|---|
| **Skin corrosion/irritation:** | Non-irritant. (1) |
| **Serious eye damage/irritation:** | Non-irritant. (1) |
| **Respiratory or skin sensitisation:** | Not a skin sensitiser. (1) |

**Chronic effects:** No information available for the product.

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|---|---|
| **Mutagenicity:** | No mutagenic effect. (1) |
| **Carcinogenicity:** | No information available. |
| **Reproductive toxicity:** | No known significant effects or critical hazards. (1) |
| **Specific Target Organ Toxicity (STOT) - single exposure:** | No information available. |
| **Specific Target Organ Toxicity (STOT) - repeated exposure:** | No information available. |
| **Aspiration hazard:** | No information available. |

## 12. ECOLOGICAL INFORMATION

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|---|---|
| **Ecotoxicity** | Avoid contaminating waterways. |
| **Persistence/degradability:** | The material is readily biodegradable. (1)<br>Degree of Elimination (activated sludge): 67% (28 days, OECD 301F) |
| **Bioaccumulative potential:** | This product shows a high bioaccumulation potential. (1) |
| **Mobility in soil:** | Koc = >5.63 (1) |
| **Aquatic toxicity:** | 72hr EC50 (Desmodesmus subspicatus): >100 mg/L (1) |
| Log Octanol/Water Partition Coefficient: | 9.7 (1) |
| 48hr EC50 (Daphnia magna): | >100 mg/L (1) |
| 96hr LC50 (fish): | >100 mg/L (danio rerio) (1) |

## 13. DISPOSAL CONSIDERATIONS

**Disposal methods:**
Refer to local government authority for disposal recommendations. Dispose of contents/container in accordance with local/regional/national/international regulations.

## 14. TRANSPORT INFORMATION

**Road and Rail Transport**
Not classified as a Dangerous Good under NZS 5433:2012 Transport of Dangerous Goods on Land.

**Marine Transport**
Not classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea; NON-DANGEROUS GOODS.

**Air Transport**
Not classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air; NON-DANGEROUS GOODS.

## 15. REGULATORY INFORMATION

**Classification:**
Based on available information, not classified as hazardous according to criteria in the Hazardous Substances (Minimum Degrees of Hazard) Notice 2017 and the Hazardous Substances (Classification) Notice 2017.

## 16. OTHER INFORMATION

The information contained in this Safety Data Sheet is obtained from current and reliable sources. Pure Ingredients Ltd provides the information contained herein in good faith but makes no representation as to its comprehensiveness or accuracy. This Safety Data Sheet summarises our best current knowledge of the health and safety hazard information of the product, but does not claim to be all inclusive. This document is intended only as a guide to the appropriate handling of this material.