



DE VILLIERS ALOE EXPORTERS PTY (LTD)

Importers and Exporters of Aloe Products Since 1956

7 Nautilus Street
Seaview, Port Elizabeth
6070
Eastern Cape

Reg. No: 2013/108104/07
VAT: 4720268798
Tel: +27832937455
www.dvae.co.za

Klein Dwarsfontein
P.O. Box 14
Uniondale
Western Cape

SAFETY DATA SHEET

Granulated Aloe ferox Juice Crystals (Bitter Aloe)

Document No.	SDS-AF-001	Issue Date	19 June 2026
Revision	01	Format	16-Section GHS

SECTION 1: Identification

Product Name	Granulated Aloe ferox Juice Crystals (Bitter Aloe)
Botanical Source	Aloe ferox Mill., dehydrated leaf exudate
CAS Number	84649-82-1 (Aloe ferox leaf extract)
Recommended Use	Cosmetic and complementary medicine raw material; further processing
Manufacturer / Supplier	De Villiers Aloe Exporters Pty (Ltd), 7 Nautilus Street, Seaview, Port Elizabeth, Eastern Cape, South Africa
Emergency Telephone	+27 83 293 7455 (business hours, South Africa)

SECTION 2: Hazard(s) Identification

GHS Classification: Not classified as a hazardous substance or mixture under the Globally Harmonized System (GHS). No hazard pictograms, signal words, or hazard statements are assigned to this product based on its composition as a natural, dehydrated botanical exudate.

This product has not been subjected to GHS physical, health, or environmental hazard testing as a standalone substance. The classification above reflects its nature as an unprocessed, single-ingredient botanical raw material with no added chemical hazards.

Other Hazards

- Fine granules/dust may cause mechanical irritation to eyes on direct contact.
- Concentrated material is intensely bitter; not intended for direct ingestion without appropriate formulation and dosage guidance.

SECTION 3: Composition / Information on Ingredients

Ingredient	CAS No.	Concentration
Aloe ferox leaf exudate (dehydrated)	84649-82-1	100%

Single-ingredient, unblended botanical material. Verified aloin content (active anthraquinone glycoside fraction): 12.36% m/m (B+A), per Report 46298. Contains no Aloe vera or other aloe species material.



DE VILLIERS ALOE EXPORTERS PTY (LTD)

Importers and Exporters of Aloe Products Since 1956

7 Nautilus Street
Seaview, Port Elizabeth
6070
Eastern Cape

Reg. No: 2013/108104/07
VAT: 4720268798
Tel: +27832937455
www.dvae.co.za

Klein Dwarsfontein
P.O. Box 14
Uniondale
Western Cape

SECTION 4: First-Aid Measures

Eye Contact	Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Seek medical advice if irritation persists.
Skin Contact	Wash affected area with soap and water. Seek medical advice if irritation develops.
Inhalation	Move to fresh air. Seek medical advice if discomfort persists.
Ingestion	Rinse mouth with water. Do not induce vomiting. Seek medical advice, particularly if a large quantity of concentrated material has been swallowed, as aloin has laxative effects.

SECTION 5: Fire-Fighting Measures

Suitable Extinguishing Media: Water spray, foam, dry chemical, or carbon dioxide, in line with surrounding fire conditions.

Specific Hazards: No unusual fire or explosion hazards identified for this product. Combustion of organic plant material may produce carbon oxides.

Protective Equipment: Standard fire-fighting protective clothing and self-contained breathing apparatus where smoke is present.

SECTION 6: Accidental Release Measures

- Personal precautions: Avoid generating dust. Use standard PPE as described in Section 8.
- Environmental precautions: Prevent entry into drains and waterways where practical.
- Containment and clean-up: Sweep or vacuum spilled material and place in a suitable labelled container for recovery or disposal. Avoid dry sweeping that generates dust; dampen material lightly if needed.

SECTION 7: Handling and Storage

Handling

Avoid generating and inhaling dust. Use mechanical handling aids for bulk quantities where practical. Wash hands after handling.

Storage

Store in a cool, dry place in sealed, food-grade lined containers, away from direct sunlight and moisture ingress. The product is hygroscopic. Keep containers closed when not in use.

SECTION 8: Exposure Controls / Personal Protection

- Engineering controls: Use local exhaust ventilation where dust generation occurs during bulk handling or milling.



DE VILLIERS ALOE EXPORTERS PTY (LTD)

Importers and Exporters of Aloe Products Since 1956

7 Nautilus Street
Seaview, Port Elizabeth
6070
Eastern Cape

Reg. No: 2013/108104/07
VAT: 4720268798
Tel: +27832937455
www.dvae.co.za

Klein Dwarsfontein
P.O. Box 14
Uniondale
Western Cape

- Eye protection: Safety glasses or goggles recommended during bulk handling.
- Hand protection: General-purpose gloves recommended for prolonged handling.
- Respiratory protection: Dust mask recommended where dust generation cannot be controlled by ventilation.
- No occupational exposure limit (OEL) has been established for this product.

SECTION 9: Physical and Chemical Properties

Physical State	Solid (irregular granules/lumps)
Colour	Dark brown to black
Odour	Characteristic, bitter aromatic
Moisture Content	<8% m/m
Solubility	Partially soluble in water; soluble in alkaline aqueous solutions and alcohol
Other Properties	Not determined / not applicable for this natural botanical material

SECTION 10: Stability and Reactivity

- Chemical stability: Stable under recommended storage conditions (cool, dry, sealed).
- Conditions to avoid: Excess moisture, direct sunlight, prolonged exposure to high heat.
- Incompatible materials: None known under normal handling conditions.
- Hazardous decomposition products: None known under normal storage and handling.

SECTION 11: Toxicological Information

This product has not been subjected to formal acute toxicity (LD50/LC50) testing as a standalone substance. Aloin, the principal active constituent (verified at 12.36% m/m in Batch 20267), is a well-documented anthraquinone glycoside with recognised laxative/stimulant action when ingested in concentrated or undiluted form.

Heavy metal content of the tested batch was confirmed within laboratory limits of quantification: Arsenic 0.02 mg/kg, Lead 0.05 mg/kg, Cadmium below LOQ (0.01 mg/kg), Mercury not detected per Laboratory testing protocols, dated 17 June 2026.

No data is available confirming carcinogenicity, mutagenicity, or reproductive toxicity classification for this specific product.

SECTION 12: Ecological Information

This product is a natural plant-derived material and is expected to be readily biodegradable. No ecotoxicological test data is available for this specific product. Avoid unnecessary release into waterways and soil in large quantities.



DE VILLIERS ALOE EXPORTERS PTY (LTD)

Importers and Exporters of Aloe Products Since 1956

7 Nautilus Street
Seaview, Port Elizabeth
6070
Eastern Cape

Reg. No: 2013/108104/07
VAT: 4720268798
Tel: +27832937455
www.dvae.co.za

Klein Dwarsfontein
P.O. Box 14
Uniondale
Western Cape

SECTION 13: Disposal Considerations

Dispose of in accordance with local municipal and national waste regulations. As a biodegradable organic plant material, small quantities may be suitable for composting where permitted. Do not dispose of bulk quantities into waterways or stormwater systems.

SECTION 14: Transport Information

This product is not classified as dangerous goods for transport under road, rail, sea (IMDG), or air (IATA) regulations.

Export shipments require CITES export documentation (Aloe ferox is CITES Appendix II listed), issued by the Department of Environmental Affairs, together with applicable phytosanitary and commercial documentation for the destination market.

SECTION 15: Regulatory Information

South Africa: Subject to relevant provisions of the Foodstuffs, Cosmetics and Disinfectants Act (Act 54 of 1972) where used as a cosmetic raw material, and SAHPRA Complementary Medicines regulations where used in traditional/complementary medicine applications.

CITES: Aloe ferox is listed under CITES Appendix II. Export requires a valid CITES export permit issued by the Department of Environmental Affairs as the South African CITES Management Authority.

This SDS does not constitute a guarantee of any specific property and does not establish a legally binding contractual relationship.

SECTION 16: Other Information

This Safety Data Sheet has been compiled using verified internal company data and the referenced Certificate of Analysis. It does not replace formal third-party GHS hazard classification testing, which has not been commissioned for this product as of the issue date.

Reference data: Test Report No. VM46298, dated 17 June 2026.

Disclaimer: The information in this Safety Data Sheet is provided in good faith and is believed to be accurate as of the issue date. De Villiers Aloe Exporters Pty (Ltd) makes no warranty, express or implied, regarding the completeness of this information for any particular use. Users should conduct their own assessment to determine suitability for their specific application.