



## SAFETY DATA SHEET(SDS)

Prepared in accordance with the Globally Harmonized System (GHS Rev.7)

**Date of Preparation: 15 January 2026**

### Section 1: Identification of the Substance/Mixture and of the Company/Undertaking

**Product name: Sceletium tortuosum – Standardised Botanical Extracts (Solid Powder)**

**Trade names / product range:**

MZ0, MT55®, MT165, 10X Extract, XK5, XK6, FS33(solid powder forms only)

**Recommended use:**

Botanical ingredient for nutraceutical formulation, research, and further industrial processing.

**Supplier:**

Sceletium Source Africa (Pty) Ltd  
Farm 8/192, Bo-Langvlei Road, Wilderness, 6560, South Africa  
Tel: +27 71 867 2856  
Email: admin@sceletium.com

**Emergency contact:**

Technical Contact: Jean-Pierre Le Roux  
+27 82 882 5584 (Business hours, GMT+ 2)  
info@sceletium.com

### Section 2: Hazard Identification

GHS classification: Not classified as hazardous according to GHS Rev.7.

**Justification:**

This product is a processed botanical extract with a long history of human use. The alkaloid concentration and physical form do not meet the criteria for classification under acute toxicity, skin or eye corrosion/irritation, respiratory or skin sensitisation, mutagenicity, carcinogenicity, reproductive toxicity, or environmental hazard categories.

**Label elements:**

Signal word: None  
Hazard pictograms: None required  
Hazard statements: Not applicable

**Other hazards:**

Organic dust may form combustible dust clouds under extreme industrial processing conditions.

### Section 3: Composition / Information on Ingredients

Substance type:UVCB – Botanical extract

**Composition:**

Sceletium tortuosum alkaloids (typical range 3–5%) – CAS: Not assigned (natural extract)  
Mannitol (carrier, q.s. to 100%) – CAS: 69-65-8

### Section 4: Emergency and First Aid Measures

**Eye contact:** Rinse cautiously with clean water for at least 15 minutes. Seek medical attention if irritation persists.

**Skin contact:** Wash with soap and water. Remove contaminated clothing. Seek medical advice if irritation persists.

**Inhalation:** Remove to fresh air. Seek medical advice if symptoms occur.

**Ingestion:** Rinse mouth with water. Do not induce vomiting. Seek medical advice if required.

### Section 5: Fire- fighting Measures

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| <p><b>Fire and explosion hazards:</b><br/>Organic material; may combust under fire conditions.</p> <p><b>Suitable extinguishing media:</b><br/>Water spray, foam, carbon dioxide, dry chemical powder.</p> <p><b>Protective equipment for fire-fighters:</b><br/>Self-contained breathing apparatus and full protective clothing recommended.</p> |
| <b>Section 6: Accidental Release Measures</b>                                                                                                                                                                                                                                                                                                     |
| <p><b>Personal precautions:</b><br/>Avoid generating dust. Ensure adequate ventilation.</p> <p><b>Environmental precautions:</b><br/>Prevent release into drains, soil, or waterways.</p> <p><b>Methods for clean-up:</b><br/>Sweep carefully and collect into suitable containers for disposal in accordance with regulations.</p>               |
| <b>Section 7: Handling and Storage</b>                                                                                                                                                                                                                                                                                                            |
| <p><b>Handling:</b><br/>Avoid creating dust. Avoid prolonged or repeated contact with skin and eyes.</p> <p><b>Storage:</b><br/>Store tightly closed in a cool, dry place. Protect from humidity and direct light.</p>                                                                                                                            |
| <b>Section 8: Exposure Controls / Personal Protection</b>                                                                                                                                                                                                                                                                                         |
| <p><b>Engineering controls:</b> Provide adequate general ventilation.</p> <p><b>Personal protective equipment:</b></p> <p><b>Respiratory protection:</b> Dust mask recommended during bulk handling.</p> <p><b>Hand protection:</b> Protective gloves recommended.</p> <p><b>Eye protection:</b> Safety glasses recommended.</p>                  |
| <b>Section 9: Physical and Chemical Properties</b>                                                                                                                                                                                                                                                                                                |
| <p><b>Physical state:</b> Solid powder</p> <p><b>Colour:</b> Tan to light brown</p> <p><b>Odour:</b> Characteristic</p> <p><b>Solubility:</b> Partially soluble</p>                                                                                                                                                                               |
| <b>Section 10: Stability and Reactivity</b>                                                                                                                                                                                                                                                                                                       |
| <p><b>Stability:</b><br/>Stable under normal conditions of storage and handling.</p> <p><b>Reactivity:</b><br/>No hazardous reactions known.</p>                                                                                                                                                                                                  |
| <b>Section 11: Toxicological Information</b>                                                                                                                                                                                                                                                                                                      |
| Based on available data composition manufacturing process and historical human use this product is not classified for acute or chronic toxicity under GHS.                                                                                                                                                                                        |
| <b>Section 12: Ecological Information</b>                                                                                                                                                                                                                                                                                                         |
| Not expected to pose an environmental hazard The product is a solvent-extracted botanical preparation containing no viable plant material seeds spores or reproductive structures and is incapable of propagation or ecological establishment.                                                                                                    |

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| <b>Section 13: Disposal Considerations</b>                                                                                                                                                                                                                        |
| Dispose of contents and containers in accordance with local and national waste disposal regulations.                                                                                                                                                              |
| <b>Section 14: Transport Information</b>                                                                                                                                                                                                                          |
| Not classified as dangerous goods for road rail sea or air transport.                                                                                                                                                                                             |
| <b>Section 15: Regulatory Information</b>                                                                                                                                                                                                                         |
| <p><b>Australia:</b><br/>Model WHS Regulations – GHS Rev.7</p> <p><b>European Union:</b><br/>Not classified under CLP Regulation (EC) No 1272/2008</p> <p><b>United States:</b><br/>Not hazardous under OSHA Hazard Communication Standard (29 CFR 1910.1200)</p> |

**HS Code (informational only):**

1302.19 – Vegetable saps and extracts

2939.79 - Alkaloids

**Section 16: Other Information**

This Safety Data Sheet applies to solid powdered *Sceletium tortuosum* extracts only.

The information contained herein is based on the present state of knowledge and is intended to describe the product for the purposes of safety requirements. It does not constitute a guarantee of specific properties. Batch-specific Certificates of Analysis should always be referenced.