

SAFETY DATA SHEET

Product Name: Vita Polysulphate
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SECTION 1: IDENTIFICATION OF THE SUBSTANCE AND SUPPLIER

Product Name	Vita Polysulphate
Supplier / Manufacturer	Talborne Organics Franchise Group (Pty) Ltd.
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Product Use	Fertiliser
Date of Issue	04/07/2022

SECTION 2: HAZARD IDENTIFICATION

Classification of Hazard	Not Classified
Label Elements Hazard Pictogram	Not Applicable.
Hazard Statements	Not Applicable.
Precautionary Statements - General	P102: Keep out of reach of children.
Precautionary Statements - Prevention	P264: Wash hands thoroughly after handling.
Precautionary Statements - Response	P301+P314: If swallowed, get medical advice/ attention if you feel unwell.
Precautionary Statements - Storage	P402: Store in a dry place.
Precautionary Statements - Disposal	Not Applicable.
Supplementary Statements	

SECTION 3: COMPOSITION/ INFORMATION ON INGREDIENTS

Composition	3 Substances
CAS No. Description	Polyhalite 15278-29-2
SVHC	None

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SECTION 4: FIRST AID MEASURES

Eye Contact	Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor. If skin or hair contact occurs:
Skin Contact	Rinse with warm water. If skin irritation continues, consult a doctor
Inhalation	Supply fresh air; consult doctor in case of complaints.
Ingestion	Rinse out mouth and then drink plenty of water. If symptoms persist consult doctor. NOTE: Never give an unconscious person anything to drink.
Most important symptoms and effects, both acute and delayed	Gastric or intestinal disorders

SECTION 5: FIRE-FIGHTING MEASURES

Suitable extinguishing media	Water spray. Dry powder. Foam.
Specific Hazard	There are no specific risks for fire/ explosion for this product. It is non-flammable.
Special hazards arising from the substance or mixture	In case of fire, the following can be released: <ul style="list-style-type: none">- Sulphur oxides (SO_x)- Oxygen- MgO

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions	Avoid formation of dust. Use respiratory protective device against the effects of fumes/dust/aerosol.
Environmental Precautions	Wear protective clothing Dilute with plenty of water. Keep contaminated washing water and dispose of appropriately
Cleaning up	Pick up mechanically

SECTION 7: HANDLING AND STORAGE

Precautions for safe handling	Ensure good ventilation/exhaustion at the workplace. Prevent formation of dust.
Regulatory requirements	Not applicable.
Conditions for Storage	Store in a cool, covered, and dry area.

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SECTION 8: EXPOSURE CONTROL/ PERSONAL PROTECTION

Control parameters	<p>Ingredients with limit values that require monitoring at the workplace: Not required.</p> <ul style="list-style-type: none"> · Additional information: <p>Ventilation must be sufficient to maintain TLV-TWA below 3 mg/m³, respirable particles, and 10 mg/m³, inhalable particles [ACGIH recommendation for Particles (Insoluble or poorly soluble). Not Otherwise Specified (PNOS)]</p>
Exposure controls	<p>General protective and hygienic measures:</p> <p>The usual precautionary measures are to be adhered to when handling chemicals.</p> <ul style="list-style-type: none"> · Respiratory protection: <p>Use suitable respiratory protective device in case of insufficient ventilation.</p> <p>Filter P2</p> <ul style="list-style-type: none"> · Protection of hands: <p>Protective gloves</p> <ul style="list-style-type: none"> · Material of gloves <p>The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.</p> <ul style="list-style-type: none"> · Penetration time of glove material <p>The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.</p> <ul style="list-style-type: none"> · Eye protection: <p>Safety glasses</p> <ul style="list-style-type: none"> · Body protection: Light weight protective clothing · Limitation and supervision of exposure into the environment <p>Based on all data available this product is not considered to pose a risk to the environment.</p> <ul style="list-style-type: none"> · Risk management measures <ul style="list-style-type: none"> - Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Physical state	Solid.
Appearance	Grey to White powder / chip.
Colour	Grey to white.
pH	Neutral
Bulk density	SG of approx. 1.4 - 1.8
Flammability	Not flammable.
Solubility in water	Soluble.

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SECTION 10: STABILITY AND REACTIVITY

Reactivity	The product is not reactive under normal conditions of use.
Chemical Stability	No decomposition if used and stored according to specifications.
Possibility of hazardous reactions	No dangerous reactions known.
Hazardous decomposition products	Formation of toxic gases is possible during heating or in case of fire. Sulphur oxides (SO _x), Oxygen & MgO.

SECTION 11: TOXICOLOGICAL INFORMATION

Acute toxicity	Not classified.
Skin corrosion / irritation	Not classified. May cause allergic reaction in some individuals.
Eye contact	Not classified. May cause irritation.
Respiratory sensitisation	Not classified. Dust may cause irritation to the respiratory tract.

SECTION 12: ECOLOGICAL INFORMATION

Toxicity	No data available.
Persistence and degradability	No data available.
Bio-accumulative potential	Does not accumulate in organisms.
Mobility in soil	No data available.

SECTION 13: DISPOSAL CONSIDERATIONS

Waste treatment methods	This product is used as fertiliser. However, large spills can kill vegetation. Prevent large quantities from entering waterways. If uncontaminated, sweep up or collect, and reuse as product. If contaminated with other materials, collect in suitable containers. Smaller quantities can be disposed of with household waste. Disposal must be made according to official regulations.
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SECTION 14: TRANSPORT INFORMATION

Marine Pollutant	No.
Hazardous Goods	No - Not restricted for land, air, or sea transport.

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SECTION 15: REGULATORY INFORMATION

South Africa	All materials used are registered in accordance with the Fertilizers, Farm Feeds, Agricultural Remedies and Stock Remedies Act, Act 36 of 1947 as amended and subscribe to the requirements of EU Regulation 834 of 2007 Annexure a and b as amended and NOP of the US.
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SECTION 16: OTHER INFORMATION

..	<p>THE INFORMATION AND RECOMMENDATIONS CONTAINED HEREIN ARE BASED UPON DATA BELIEVED TO BE CORRECT. HOWEVER, NO GUARANTEE OR WARRANTY OF ANY KIND EXPRESSED OR IMPLIED, IS MADE WITH RESPECT TO THE INFORMATION CONTAINED HEREIN. THIS SAFETY DATA SHEET WAS PREPARED TO COMPLY WITH THE OSHA HAZARD COMMUNICATION STANDARD (29 CFR 1200) THIS SUPERCEDES ANY PREVIOUS INFORMATION.</p> <p>For further information, please visit: www.talborne.co.za</p>
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