

MATERIAL SAFETY DATA SHEET

MANUFACTURER: ORGANIC FERTILIZER MANUFACTURERS BOTSWANA



Sulphate of Potash		
SOP No: SOP10012018	REVISION No: 001	EFFECTIVE DATE 10/1/2018

Contact Details

Supplier's Name:	Organic Fertilizer Manufacturers Botswana
Address:	P.O. Box AD702 ADD Kgale Gaborone
Emergency Telephone:	(267) 76065264
Information Telephone:	(267) 76065264
Date prepared:	10/1/2018

SECTION: 1 CHEMICAL IDENTIFICATION

Product:	Sulphate of Potash
Active Ingredients:	50% K ₂ O, 45% SO ₃
Chemical Class:	100% Organic

SECTION: 2 INGREDIENTS / IDENTITY INFORMATION

Hazardous Ingredients:	None
Components:	Dipotassium Sulphate 96%, Potassium Chloride <4%

SECTION: 3 PHYSICAL / CHEMICAL CHARACTERISTICS

Physical State:	Dry Granules
Boiling Point:	1689°C at 100kPa
Vapour Pressure:	N/A
Specific Gravity:	N/A
Percent Volatile:	N/A
Evaporation Rate:	N/A
Solubility in Water:	12g/100g water at 20°C
Appearance and Odour:	White granules, no odour

N/A = Not Applicable

N/D = Not Determined

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SECTION: 4 FIRE AND EXPLOSION HAZARD DATA

Flash Point:	N/A
Flammable Limits:	Not Flammable
Extinguishing Media:	Carbon Dioxide, Dry Chemical, Water
Special Fire Fighting Procedures:	Use extinguishing media appropriate for surrounding fire, use self-contained breathing units
Unusual Fire and Explosive hazards:	Incompatible with Aluminium, magnesium or sodium sulphate and may explode in combination with these at temperatures exceeding 800°C.

SECTION: 5 REACTIVITY DATA

Stability:	Stable under normal conditions
Conditions of Reactivity:	N/A
Incompatibility:	Aluminium, magnesium, sodium sulphate
Hazardous Decomposition Or By-products:	N/A
Hazardous Polymerization:	Will not occur
Conditions to Avoid:	Corrosivity similar to common salt

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SECTION: 6 HEALTH HAZARD DATA

Routes of exposure:	Eye, skin, inhalation, ingestion
Eyes:	May cause irritation
Skin:	May cause dryness or irritation
Inhalation:	Nuisance dust, may cause irritation of nose, throat and respiratory tract
Ingestion:	May cause sickness
Health hazards	None known, acute or chronic
Carcinogenicity	N/A
Emergency and first Aid:	Eyes: Flush with cool water for 15 minutes. Obtain medical attention if condition persists. Irritating, but does not injure eye tissue. Skin: Skin may become dry from dust. Wash thoroughly with soap after handling. Low order of toxicity. Inhalation: No hazard under normal conditions. Move to fresh air area. Ingestion: Minimal toxicity. Do not induce vomiting. If ingested, seek physician as soon as possible.

SECTION: 7 PRECAUTIONS FOR SAFE HANDLING AND USE

If material is released or spilled:	Spills may be easily cleaned up by sweeping up as much solid as possible and washing remaining spill with copious amounts of water.
Waste and Disposal Method:	Dispose of in accordance with federal, state and local regulations.
Precautions to be taken in Handling and Storing:	Store in cool, dry place away from Children, domestic animals, food and feed products.
Other precautions:	N/A

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SECTION: 8 CONTROL MEASURES

Respiratory Protection:	Not required for recommended use.
Ventilation:	Normal
Protective Gloves:	Protective gloves not necessary but recommend
Eye Protection:	Protective eye-ware not necessary but recommended.
Other Protective Clothing Or Equipment:	As determined
Work/Hygienic Practices:	Normal

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