

**PRODUCT  
SOP****GRADE**  
**Sulphate of Potash 0-0-50**  
**+ S****SDS NO.**  
**SDS-VAN-009****SIGNAL WORD**  
**None****1 IDENTIFICATION**

|              |                                                                       |
|--------------|-----------------------------------------------------------------------|
| Product name | SOP                                                                   |
| Grade / type | Sulphate of Potash 0-0-50 + S                                         |
| Product use  | Fertilizer / plant nutrition (professional & agricultural use)        |
| Company      | Vital Agri Nutrients (Private) Limited                                |
| Head office  | 605 Al-Hafeez Heights, Gulberg III, Lahore 54660 · Tel 042-35762215   |
| Factory      | 49-Km Multan Road, Phool Nagar Bypass, Lahore · Helpline 0300 5003041 |
| Website      | www.van.com.pk                                                        |

**2 HAZARD IDENTIFICATION**Signal word: **None** classification approved by VAN QC

None required

**HAZARD STATEMENTS**

- Not classified as hazardous under GHS.

**PRECAUTIONARY STATEMENTS**

- Keep out of reach of children. Not for human or animal consumption.
- Wear protective gloves/eye protection. Wash thoroughly after handling.

**3 COMPOSITION / INFORMATION ON INGREDIENTS**

| Component                   | Content   | Note            |
|-----------------------------|-----------|-----------------|
| K <sub>2</sub> O            | 50% min   | balance to 100% |
| Sulfur (S)                  | 17.5% min | balance to 100% |
| Carrier / inert ingredients | to 100%   | non-hazardous   |

CAS numbers available on request. Any range protects batch variation / confidentiality.

**4 FIRST-AID MEASURES**

|            |                                                                                                               |
|------------|---------------------------------------------------------------------------------------------------------------|
| Inhalation | Move to fresh air. Seek medical advice if symptoms persist.                                                   |
| Skin       | Wash with plenty of soap and water. Remove contaminated clothing.                                             |
| Eyes       | Rinse cautiously with water for several minutes; remove lenses; get medical attention if irritation persists. |
| Ingestion  | Rinse mouth. Do NOT induce vomiting. Seek medical attention.                                                  |

**5 FIRE-FIGHTING MEASURES**Product is not flammable. Use extinguishing media suitable for the surrounding fire (water spray, foam, CO<sub>2</sub>, dry chemical).**6 ACCIDENTAL RELEASE MEASURES**

Contain and collect spillage mechanically into labelled containers for reuse or disposal. Prevent entry to drains and watercourses. Ventilate the area.

**7 HANDLING AND STORAGE**

Handle with good industrial hygiene. Not for human or animal consumption.

Store in a cool, dry, well-ventilated place; keep bags sealed and off the floor; protect from moisture and direct sunlight.

## 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Gloves and safety goggles; adequate ventilation. Wash hands after handling. Respiratory protection where dust is generated.

## 9 PHYSICAL AND CHEMICAL PROPERTIES

|                |                      |
|----------------|----------------------|
| Physical state | Powder / crystalline |
| Colour         | White to off-white   |

## 10 STABILITY AND REACTIVITY

Stable under normal conditions of storage and use. Avoid strong acids/bases and incompatible materials.

## 11 TOXICOLOGICAL INFORMATION

No significant toxicological effects expected. Dust or mist may cause mild mechanical/nuisance irritation.

## 12 ECOLOGICAL INFORMATION

No significant ecological hazard expected under normal agricultural use. Avoid over-application and runoff to surface water.

## 13 DISPOSAL CONSIDERATIONS

Dispose of contents/container in accordance with local regulations. Empty packaging may be recycled after triple-rinsing (liquids).

## 14 TRANSPORT INFORMATION

Not classified as a dangerous good for transport (road / rail / sea / air).

## 15 REGULATORY INFORMATION

Globally traded commodity potassium sulphate. No VAN-specific PSQCA licence applies to this material.  
Company: Vital Agri Nutrients (Private) Limited.

## 16 OTHER INFORMATION

SDS code: SDS-VAN-009 · Revision 3 · Issued July 2026. Supersedes prior version. Prepared to GHS 16-section format.  
Abbreviations: GHS = Globally Harmonised System; PPE = personal protective equipment; SO<sub>2</sub> = sulfur dioxide.

**Classification status:** hazard classification (Sections 2, 11, 12, 14) reviewed and approved by VAN QC, July 2026. Composition and physical data are taken from VAN QC Lab certificates of analysis and product labels.