



POTASSIUM SULPHATE

PRODUCT INFORMATION

CHEMICAL NAME: Potassium Sulphate
SYNONYM(S): Sulphate of Potash
CHEMICAL FAMILY: Inorganic salt MOLECULAR FORMULA: K₂SO₄
SHIPPING NAME: Potassium sulphate
PIN - (UN/NA): Not controlled WHMIS: Not controlled
PRODUCT USE: Industrial, chemical and agricultural
MANUFACTURER: Big Quill Resources
PO Box 1059 Wynyard, Sask. S0A 4T0
Telephone No.: 306-554-3322
SUPPLIER: Panther Industries Inc.
Box 628
Davidson, Sask. S0G 1A0
EMERGENCY TELEPHONE NUMBER: (306)567-2814
HAZARDOUS INGREDIENTS
INGREDIENTS: WEIGHT % C.A.S. REGISTRY #
Potassium Sulphate 94 - 99.9 7778-80-5

PHYSICAL DATA

PHYSICAL STATE: Solid
ODOUR AND APPEARANCE: Off white to Beige powder/granules. No Odour
ODOUR THRESHOLD: None VAPOUR PRESSURE: Not available
VAPOUR DENSITY: Not available EVAPORATION RATE: Not available
pH: Neutral BOILING POINT: 1689oC
FREEZING POINT: 1072oC SPECIFIC GRAVITY: 2.66
SOLUBILITY IN WATER: 12% at 20oC MOLECULAR WEIGHT: 174
% VOLATILE BY VOLUME: None DENSITY(loose): 1362-1458
COEFFICIENT OF WATER/OIL DISTRIBUTION: Not available

FIRE AND EXPLOSION DATA

CONDITIONS OF FLAMMABILITY: None
MEANS OF EXTINGUISHING: Not applicable
FLASH POINT: Not applicable
UPPER FLAMMABLE LIMIT: Not applicable
LOWER FLAMMABLE LIMIT: Not applicable
AUTO IGNITION TEMPERATURE: Not applicable
TDG FLAMMABILITY CLASSIFICATION: None
HAZARDOUS COMBUSTION PRODUCTS: None
SENSITIVITY TO CHEMICAL IMPACT: None
RATE OF BURNING: Not applicable
SENSITIVITY TO STATIC DISCHARGE: None
EXPLOSIVE POWER: None

REACTIVITY DATA

STABILITY: Stable
INCOMPATIBILITY: None
HAZARDOUS REACTIONS/DECOMPOSITIONS: None



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PREPARATION INFORMATION

MSDS PREPARED BY: Technical Department
Panther Industries Inc.
TELEPHONE NUMBER: (306) 567-2814
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REFERENCES: 1. Manufacturer's MSDS.

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