

Material Safety Data Sheet (MSDS)

640.00

SECTION 1 — CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Potassium Nitrate

SECTION 2 — COMPOSITION, INFORMATION ON INGREDIENTS

Potassium Nitrate

SECTION 3 — HAZARDS IDENTIFICATION

SECTION 4 — FIRST AID MEASURES

Call a physician and seek medical attention for further treatment, observation, and support after first aid.

Inhalation: Remove to fresh air at once. If breathing has stopped, give artificial respiration immediately.

Eye or External: Immediately flush with fresh water for at least 15 minutes.

Internal: Rinse mouth. Give large quantities of water for dilution. Call a physician or poison control at once.

SECTION 7 — HANDLING AND STORAGE

SECTION 9 — PHYSICAL AND CHEMICAL PROPERTIES

Transparent, colorless crystals or powder. Odorless.

Solubility: Soluble in water; slightly in alcohol.

Formula: KNO_3

Formula weight: 101.11

SECTION 10 — STABILITY AND REACTIVITY

Avoid contact with strong reducers, finely powdered metals, strong acids, organic and combustible materials.

Shelf life: Good, if stored properly

SECTION 11 — TOXICOLOGICAL INFORMATION

ORL-RAT LD_{50} : 3750 mg/kg

IHL-RAT LC_{50} : N.A.

SKN-RBT LD

SECTION 12 — ECOLOGICAL INFORMATION

Data not yet available.

SECTION 13 — DISPOSAL CONSIDERATIONS

Please review all federal, state and local regulations that may apply, before proceeding.

Flinn Suggested Disposal Method #26a is one option.

SECTION 14 — TRANSPORT INFORMATION

Shipping name: Potassium Nitrate

Hazard class: 5.1, Oxidizer

UN number: UN1486

SECTION 15 — REGULATORY INFORMATION