

# 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:  $\text{KNO}_3$

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  $\text{LD}_{50}$ : 3750 mg/kg

IHL-RAT  $\text{LC}_{50}$ : 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**