

# Specification

# Potassium Hydroxide Pellet

**Chemical Name:** Potassium Hydroxide  
**Quality:** extra pure  
**Appearance:** white Pellet  
**Chemical Formula (Molecular Weight):** KOH (56.1 g/mol)

- **Product Profile**

- Product Type : KOH Pellet 85%
- Chemical Formular (Molecular Weight) : KOH (56.1)
- Product Grade : Extra Pure

- **Specifications**

Properties	Specifications
Description	White Pellet
KOH	85%min
K <sub>2</sub> CO <sub>3</sub>	0.5% max
Cl	0.004% max
PO <sub>4</sub>	0.0005% max
SO <sub>4</sub>	0.002% max
N(Total Nitrogen)	0.0003% max
Al	1 ppm max
As	0.1 ppm max
Cd	0.1 ppm max
Fe	1 ppm max
Na	0.3 % max
Pb	0.1 ppm max
Hg	0.1 ppm max
Zn	1 ppm max
Heavy metal as Pb	5 ppm max

\*Other properties and specifications can be discussed

- **Characteristics**

- Dust Free, Ordorless and Solid hemispheres of uniform diameter
- Different concentrations are available on request

- **Packaging**

- 15kg Cardboard box with poly bag liner
- 25kg Cardboard box with poly bag liner
- 50kg Fiber drum with poly bag liner

- **Recommended Shelf Life**

- Estimated at 3 years from date of manufacture.

- **Shipping Location**

- Ulsan, Korea

- **Shipping Information**

- Hazard Class : 8                      Label : Corrosive  
Proper Shipping Name : Potassium Hydroxide, Solid



ID No. : UN1813

- **Application**
  - **Pharmaceutical and cosmetic industry**
    - Synthesis, PH Adjustment, Cleaning, Saponification
  - **Laboratory**
    - Neutralization, Refining, Alkaline cleansing
  - **Food industry**
    - PH Adjustment, Emulsifiers
  - **Electronics industry**
    - Alkaline bath
  - **Battery industry**
    - Electrolyte
  
- **Product Safety Information**
  - Suitable goggles, rubber gloves must be worn during the handling of Potassium Hydroxide.
  - First Aid Measure : If for any reason Potassium Hydroxide comes in contact with eyes, skin, or clothing, that should be flooded with plenty of clean water at least 15 minutes.
  - If It should be swallowed , Don't induce vomiting. Give large quantities of water. If available, give several glasses of milk, Seek medical attention immediately.
  
- **others**
  - # Conforms to Food Chemical Codex IV and FAIA E 525
  - # Kosher & Pareve approved for year-round use including Passover
  - # Conforms to Islamic HALAL conditions

Safety in handling Potassium Hydroxide:

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- If it should be swallowed, don't include vomiting. Give large quantities of water. If available, give several glasses of milk, seek medical attention immediately.