

Eka Pellets™ Facts

Sodium Hydroxide & Potassium Hydroxide Pellets

Chemically pure

Data

	Sodium Hydroxide	Potassium Hydroxide
Chemical Formula:	NaOH	KOH
Molecular weight:	40.00	56.11
Boiling point:	373-430°C	330-378°C
Melting point:	310-315°C	120-190°C
pH	14 (4% solution)	14(6% solution)
Density:	1990 kg/m ³	2010 kg/m ³
Bulk density (kg/m ²):	1200 ±100	1200 ±100

Appearance

Chemically pure alkali from Nouryon is supplied in the form of free-flowing, hemispherical pellets, diameter 5 - 7 mm, weight approx. 0.1 g.

For further product information, please contact Nouryon.

Packaging

Packaging used for Eka Pellets™ is practical, safe, and meets international transport requirements.

Storage

Store in a cool and dry area, preferably in the original packaging or container. The product is hygroscopic and will be carbonized in contact with air.

Hazard Identification

Sodium and Potassium hydroxide in either solid or liquid form, cause severe burns if inhaled, ingested or in contact with eyes and skin. In liquid form they attack aluminum, lead, tin, zinc and alloys of the same.

Inflammable hydrogen gas is formed during such reactions.

Spillage and contact with water cause slippery surfaces.

Protective Measures

Close-fitting safety goggles, plastic or rubber gloves and full working clothes should be worn.

Facilities for rinsing eyes should be available.

Use dust filter P2 (II b) during any handling routines which generate dust.

Diverse

For further information on handling and safety precautions, please read the Safety Data Sheet (SDS) before use or contact Nouryon.