

## Lime, quick lime / slacked lime

Code	Description	Ind. price	Ship. weight	Ship. Vol.
DCHPLIMEQP5	LIME, QUICK, calcium oxide, powder, 5 kg box, IATA			
DCHPLIMESP3	LIME, SLAKED, ca. hydroxide, powd., for water tr., 33 kg bag			

Cold chain: No

Dangerous: **Yes** – Quick lime

Regulated: **Yes** – IATA quick lime

### General information

- ❑ Quick lime is used for covering of decomposing organic matters in order to avoid putrefaction smells and attraction of flies and various type scavengers.
  - On corpses: If deep burial is not possible, first spread quick lime in the pit, then place the corpse and cover it with quick lime (1kg of lime per 10kg of corpse weight).
  - Waste dumps: If covering with earth or incineration are impossible, spread quick lime at regular intervals.
  - Excreta: Spread quick lime daily in defecation trenches when covering with earth or ash are impossible.
- ❑ Slaked lime is used in large quantities for water pH adjustment, agriculture, building material.
- ❑ Safety instructions for quick lime (same instructions as Chlorine HTH can apply):
  - Irritating effect on skin and dangerous for eyes. In case of contact with eyes, wash immediately and abundantly with water. It could lead to irreversible damages, blindness.
  - Dusts are dangerous for eyes and respiratory tract.
  - Store and use out of reach of children.
  - Protect from wind dispersal, i.e.: add a thin layer of earth on top of the lime.
- ❑ Handling of quick lime:
  - Only well aware and equipped people should manipulate quick lime.
  - Needed equipment includes rubber gloves, boots, goggles, masks, overalls.
- ❑ Local purchase highly recommended, especially for quick lime, which is a dangerous product to transport, thus expensive to pack under IATA regulations.
- ❑ Beware of confusion with chlorinated lime which is a chlorine generating product and not lime.

### Specifications

- ❑ Quick lime: Greyish blocks or granules, or white powder. Calcium oxide, CaO. Corrosive.

Transport regulated: Airplane transport according to IATA regulations under UN1910.

Passenger aircraft: 25kg or 5kg packaging.

Cargo only aircraft: 100kg packaging maximum.

- ❑ Slaked lime: White powder. Hydrated lime, Calcium hydroxyde Ca(OH)<sub>2</sub>.

Not regulated for transport.

- ❑ Packing: Bags of 50kg maximum, preferably bags of 25kg, for an easier handling.