

Silica Gel Orange



Silica Gel blue, the most commonly used laboratory desiccant contains Cobalt Chloride as the indicator and poses health risks and environmental issues. Cobalt Chloride has been classified by IARC (International Agency for Research on Cancer) in Group 2B, which states Cobalt Chloride is possibly carcinogenic to humans, very toxic to aquatic organisms and may cause long term adverse effects in the environment.

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Silica Gel Orange

A Reformulated Silica Gel without Cobalt Chloride is now available. It has the same moisture absorption capacity and the indicating beads turn from Orange to colorless, when fully absorbed.

- **Indicator Change** : Orange to Colorless
- **Indicator Used** : Iron Salt
- **Regeneration** : Approx. 130 -140°C/ approx. 3 hours

Item Code	Product Name	Cas Number	Pack Size
S/0761/53	Silica gel, pure, 2.5-6.0mm, self indicating (iron salt)	7631-86-9	500GR
S/0761/60	Silica gel, pure, 2.5-6.0mm, self indicating (iron salt)	7631-86-9	1KG
S/0761/65	Silica gel, pure, 2.5-6.0mm, self indicating (iron salt)	7631-86-9	5KG

Benefits Over Blue Silica Gel

Substance : Blue Silica Gel **Application** : Drying Agent

- **Composition of Blue Silica Gel**

Synthetic Amorphous Silica

Weight %: >99

CAS No.: 7631-86-9

Index No.:

R-phrased: EINECS No.: 231-545-4

Cobalt Dichloride

Weight %: 0.2-0.9

CAS No.: 7646-79-9

Hazard symbols: T, N Index No.: 027-004-00-5

R-phrases: 49 (Carc. Cat. 2)-22 42/43-50/53 EINECS No.: 231-5489-4

- **Hazards Identification**

Hazard description: **May cause cancer by inhalation.**

Harmful to aquatic organisms, may cause long term adverse effects in the aquatic environment.

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