

TECHNICAL DATA SHEET

Effective date: 04.2019
Rev.1

Calcium carbonate

INFORMATION ON SUBSTANCE / MIXTURE

INCI	Calcium carbonate
Chemical formula	CaCO ₃
Chemical name	Calcium carbonate
Raw material category	Abrasive, bulking agent, opacifying agent

TECHNICAL DATA

Physical parameters

Appearance	Solid, powder
Color	Off-white
Odor	Odorless
pH value (10% in water)	9.5 – 10.5 at 20°C
Light Stability	Stable
Solubility	Poorly soluble in pure water (0.14 g/l at 20 °C) Soluble in dilute acids: acetic acid (1N), hydrochloric acid (3N), nitric acid (2N)
Melting point	825 °C (decomposition)

LEGISLATION

EINECS	-
CAS	471-34-1

TRANSPORT, STORAGE and SHELF LIFE

Storage conditions	Keep in tightly closed containers in a cool and dry place, protected from light. Stable at usual storage and use conditions. Store at +5 °C to +30 °C.
Shelf Life	5 years under good storage conditions

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ELEMENTAL