TI0367
Titanium dioxide, EssentQ®

Identification
TiO_2
M = 79,90 g/mol
CAS [13463-67-7]
EC number: 236-675-5
Taric code: 2823 00 00

Synonyms
Titanium(IV) oxide

Applications
laboratory reagent, synthesis of organic products, pigment, in food industry (colouring agent), painting, in the ceramics industry, in the production of enamels.

Specifications
assay.....min. 99 %

loss on ignition (1000 °C, 2 h) .....max. 0,5 %

Physical data
- Spec. Density: 3,90 g/cm^3
- Bulk density: ~ 850 kg/m^3
- Solub. in water: (20 ºC): insoluble
- Melting point: 1855 ºC
- Boiling point: 2900 ºC
- pH(100 g/l H_2O, 20 ºC) ~ 7

Safety - GHS
Signal Word: Warning

Hazard Statements:

H351: Suspected of causing cancer.

Precautionary Statements:

P280: Wear protective gloves / protective clothing / eye protection / face protection.
P201: Obtain special instructions before use.
P202: Do not handle until all safety precautions have been read and understood.
P308+P313: IF exposed or concerned: Get medical advice / attention.
P405: Store locked up.
P501a: Dispose of contents / container in accordance with local / regional / national / international regulations.

Transport/storage
- 10°C - 30°C