

TITANIUM DIOXIDE AR

PRODUCT CODE	661315
SYNONYMS	(Titanium IV oxide)
C.I. NO.	--
CASR NO.	(13463-67-7)
ATOMIC OR MOLECULAR FORMULA	TiO ₂
ATOMIC OR MOLECULAR WEIGHT	79.89
PROPERTIES	It has the gretest hiding power off all white pigments. Noncombustible.



PARAMETER	LIMIT
Description	White amorphous powder.
Solubility	Insoluble in water, in hydrochloric acid. Soluble in hydrofluoric acid.
Identification	Passes tests.
Assay (ex Ti; dried subs.)	99.0 – 100.5%

MAXIMUM LIMIT OF IMPURITIES

Water soluble substances	0.25%
Acid soluble substances	0.5%
Arsenic (As)	0.0001%
Iron (Fe)	0.05%
Lead (Pb)	0.002%
Loss on drying (at 105°C for 3 hours)	0.5%
Loss on ignition	0.5%

Note(s): Assay (if applicable) method mentioned.

WARNING

Hazard statements : Causes mild skin irritation. Causes eye irritation. Suspected of causing cancer.

Precautionary statements

Prevention: Do not handle until all safety precautions have been read and understood. Obtain special instructions before use. Use personal protective equipment as required. Wash hands thoroughly after handling.

Response: If exposed or concerned: Get medical attention advice. If eye irritation persists, get medical advice/attention. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If skin irritation occurs, seek medical advice/attention.

Disposal: The waste chemical should be buried on a stage approved site. The liquids should be absorbed on sand.

Hazard Pictogram(s) :-



GHS08

IMDG Code :

UN No. :

IATA :

Replace Date 17.09.2022