



Product Specification

TITANIUM TRICHLORIDE SOLUTION FOR SYNTHESIS

PRODUCT CODE	030448
SYNONYMS	Titanium (III) chloride 15% solution
C.I. NO.	N/A
CASR NO.	7705-07-9
ATOMIC OR MOLECULAR FORMULA	TiCl ₃
ATOMIC OR MOLECULAR WEIGHT	154.2
PROPERTIES	--



PARAMETER	LIMIT
Description	Red – violet liquid.
Assay	About 15%
Wt. Per ml (at 20°C)	1.180 – 1.185 g

MAXIMUM LIMIT OF IMPURITY

Free Acid	5 - 15%
-----------	---------

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

DANGER

HAZARD STATEMENTS : Catches fire spontaneously if exposed to air. Causes severe skin burns and eye damage.

PRECAUTIONARY STATEMENTS :

Prevention : Wear protective gloves/clothing and eye/face protection. Do not allow contact with air. Do not breathe dust or mist. Wash thoroughly after handling. Keep away from heat/sparks/open flame - No smoking. Wear protective gloves and eye/face protection.

Response : Wash contaminated clothing before reuse. Specific treatment: refer to Label or MSDS. IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. Immediately call a POISON CENTER or doctor/physician. In case of fire, use foam for extinction. If on skin or hair: remove/take off immediately all contaminated clothing. Rinse with water/shower. IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. In case of fire, use dry agent for extinction. Absorb spillage to prevent material damage. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Brush off loose particles from skin and immerse in cool water/wrap with wet bandages.

IMDG Code : 8/II
UN No. : 1789
IATA : 8

Disposal: Add in small quantities to large, stirred excess of water, keeping the final concentration less than 2%. Neutralize with 5% sodium hydroxide soln. and run to waste with large quantities of running water.

Hazard Pictogram(s) :-



Flammable liquids



Corrosive to metals