



Product Specification

cdhfinechemical.com

TIRON AR METAL (pH) INDICATOR

PRODUCT CODE	323335
SYNONYMS	--
C.I. NO.	--
CASR NO.	(149-45-1)
ATOMIC OR MOLECULAR FORMULA	--
ATOMIC OR MOLECULAR WEIGHT	--
PROPERTIES	--

PARAMETER	LIMIT
Description	White to off white/brown/grey powder.
Solubility	Soluble in water.
Absorption maxima (buffer pH 2.5)	290-291 nm
Specific absorptivity A 1%/1 cm (λ_{max} ;0.005%, buffer pH 2.5;calculated on dried substance)	100-125
Suitability (as indicator for metal titration)	Passes test

MAXIMUM LIMIT OF IMPURITY	
Water (by KF)	4.5-6.5%

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

WARNING Hazard statements : May cause respiratory irritation. Causes skin irritation. Causes serious eye irritation. Precautionary statements Prevention: Avoid breathing dust/fume/gas/mist/vapours/spray. Wash thoroughly after handling. Use only outdoors or in a well-ventilated area. Wear protective gloves/protective clothing/eye protection/face protection. Response: IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a POISON CENTER or doctor/physician if you feel unwell. If eye irritation persists: Get medical advice/attention.	IMDG Code : -- UN No. : -- IATA : --
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Disposal: Dissolve the chemical to be disposed, in water and allow it to run to waste, diluting with large quantities of water. The quantities greater than 10g should be dissolved in water and transferred to heavy metal waste drums for collection by specialist disposal company.

Hazard Pictogram(s) :	 GHS07
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Replace date 17-June-2023