

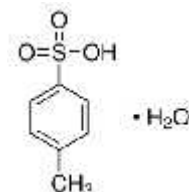


Product Specification

cdhfinechemical.com

p-TOLUENE SULPHONIC ACID MONOHYDRATE AR

PRODUCT CODE	661605
SYNONYMS	(Toluene-4-sulphonic acid monohydrate)
C.I. NO.	--
CASR NO.	(6192-52-5)
ATOMIC OR MOLECULAR FORMULA	C ₇ H ₈ O ₃ S.H ₂ O
ATOMIC OR MOLECULAR WEIGHT	190.22
PROPERTIES	--



PARAMETER LIMIT

Description	White to pink crystalline flakes or powder.
Solubility	10% Solution in water is clear.
Minimum assay (acidimetric)	99.0%
Melting range	103° - 106°C

MAXIMUM LIMIT OF IMPURITIES

Water (KF)	9.5-11.5%
Sulfate (SO ₄)	0.30%
Residue on ignition (Ash)	0.10%
Iron (Fe)	0.01%
Sodium (Na)	0.002%
Heavy metals (Pb)	0.001%

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

WARNING

HAZARD DANGER Harmful if swallowed. Causes skin irritation. Causes serious eye damage. May cause respiratory irritation.

PRECAUTIONARY STATEMENTS

Prevention: Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray. Wash. Thoroughly after handling. Do not eat, drink or smoke when using this product. Use only outdoors or in a well- ventilated area. Wear protective gloves/protective clothing/eye protection/face protection.

Response: IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. **IF ON SKIN:** Wash with plenty of soap and water. **IF INHALED:** Remove victim 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. Immediately call a POISON CENTER or doctor/physician. Call a POISON CENTER or doctor/physician if you feel unwell. Rinse mouth. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash before re- use

IMDG Code : 8/III
UN No. : 2585
IATA : 8

Disposal : The chemical should be mixed with combustible solvent and burnt in a chemical incinerator equipped with burner and scrubber

Hazard Pictogram(s) :



GHS05



GHS07

Replace Date 19-June-2018