



Product Specification

cdhfinechemical.com

CRITON X-100 SCINTILLATION GRADE

PRODUCT CODE 014630

SYNONYMS --

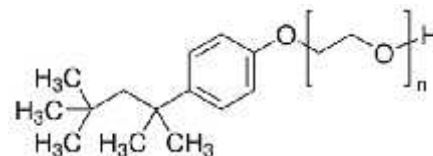
C.I. NO. --

CASR NO. 9002-93-1

ATOMIC OR MOLECULAR FORMULA $C_{34}H_{62}O_{11}$

ATOMIC OR MOLECULAR WEIGHT 646.87

PROPERTIES Soluble in ammonium hydroxide, nitric acid, sulphuric acid, hot water; insoluble in alcohol.



PARAMETER LIMIT

Description A clear colourless to pale yellow liquid.

Solubility Miscible with water.

Wt. per ml at 20°C 1.060-1.070 g

Minimum assay (By iodometric) 98-102%

Refractive index $[\alpha]_{20}^D$ 1.490-1.491

Turbidity point 63-69°C

MAXIMUM LIMIT OF IMPURITIES

Sulphated ash 0.1%

Water 0.2%

This compound has been screened and tested for suitability for scintillation counting.

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

DANGER

HAZARD DANGER Harmful if swallowed. Causes skin irritation. Causes serious eye damage. May cause respiratory irritation. Toxic to aquatic life with long lasting effects.

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

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

IMDG Code : 9 / III

UN No. : 3082

IATA : 9

Hazard Pictogram(s) :



GHS05



GHS07



GHS09

Replace Date-27-Jun.2020