

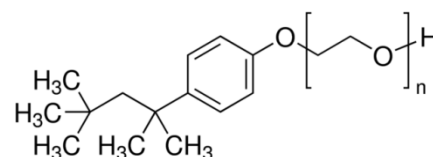


# Product Specification

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## CRITON X-100 SCINTILLATION GRADE

<b>PRODUCT CODE</b>	<b>014630</b>
<b>SYNONYMS</b>	--
<b>C.I. NO.</b>	--
<b>CASR NO.</b>	<b>9002-93-1</b>
<b>ATOMIC OR MOLECULARFORMULA</b>	<b>C<sub>34</sub>H<sub>62</sub>O<sub>11</sub></b>
<b>ATOMIC OR MOLECULARWEIGHT</b>	<b>646.87</b>
<b>PROPERTIES</b>	<b>Soluble in ammonium hydroxide, nitric acid, sulphuric acid, hot water; insoluble in alcohol.</b>



<b>PARAMETER</b>	<b>LIMIT</b>
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 [ $\alpha$ ] <sub>20</sub> 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.**

### 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.

**Disposal:** Dissolve the chemical to be disposed, in water and allow it to run to waste, diluting with large quantities of water.

IMDG Code :  
UN No. :  
IATA :

Hazard Pictogram(s) :



GHS07