

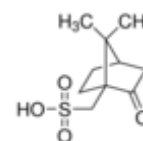


# Product Specification

cdhfinechemical.com

## D-CAMPHOR SULPHONIC ACID FOR SYNTHESIS

PRODUCT CODE	043575
SYNONYMS	D-10-camphorsulfonic Acid
C.I. NO.	--
CASR NO.	(3144-16-9)
ATOMIC OR MOLECULAR FORMULA	C <sub>10</sub> H <sub>16</sub> O <sub>4</sub> S
ATOMIC OR MOLECULAR WEIGHT	232.30
PROPERTIES	--



### PARAMETER LIMIT

Description	White to off white to beige hygroscopic powder or crystalline powder.
Solubility	33.3mg soluble in 1 ml of water.
Minimum assay (NAOH titration)	98.5%
Specific rotation ( $\alpha$ ) <sup>20</sup> <sub>D</sub> (C=10% in water)	+20.5 <sup>0</sup> to +22.5 <sup>0</sup>

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

#### DANGER

**Hazard statements:** Harmful if swallowed. May be corrosive to metals. Causes severe skin burns and eye damage. Causes serious eye damage. Harmful to terrestrial vertebrates.

#### Precautionary statements

**Prevention:** Keep only in original container. Do not breathe dust/fume/gas/mist/vapours/spray. Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Wear protective gloves/protective clothing/eye protection/face protection.

**Response:** F SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. 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. Immediately call a POISON CENTER or doctor/physician. Rinse mouth. Wash contaminated clothing before reuse. Absorb spillage to prevent material damage.

IMDG Code : 8/III

UN No. : 2585

IATA : 8

Disposal:---

Hazard Pictogram(s) :--



GHS05

Replace Date 12-Aug.-2019