

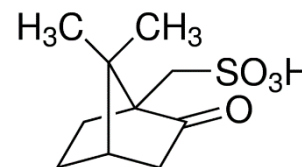


# Product Specification

cdhfinechemical.com

## L - (-) CAMPHOR SULPHONIC ACID

<b>PRODUCT CODE</b>	<b>043565</b>
<b>SYNONYMS</b>	(-) – Camphor -10-sulphonic acid, (1R)-(-)-camphor-10-sulphonic acid
<b>C.I. NO.</b>	--
<b>CASR NO.</b>	(35963-20-3)
<b>ATOMIC OR MOLECULAR FORMULA</b>	$C_{10}H_{16}O_4S$
<b>ATOMIC OR MOLECULAR WEIGHT</b>	232.30
<b>PROPERTIES</b>	--
<b>PARAMETER</b>	<b>LIMIT</b>
Description	White to cream powder.
Minimum assay (on dry basis)	98.0%
Melting range	196 - 200 °C.
Specific rotation ( $\alpha$ ) <sub>D</sub> <sup>20</sup> (C=10, water)	-21.0to -23.0 °
<b>MAXIMUM LIMIT OF IMPURITY</b>	
Water (KF)	2.0%



**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 / II

UN No. : -- 3261

IATA : -- 8

**Disposal:**-----

Hazard Pictogram(s) :--



GHS05

Replace Date-16-Jun.2020