

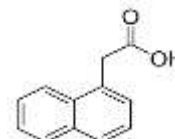


# Product Specification

cdhfinechemical.com

## 1-NAPHTHALENE ACETIC ACID

<b>PRODUCT CODE</b>	<b>029298</b>
<b>SYNONYMS</b>	<b>(<math>\alpha</math>-Naphthylacetic acid)</b>
<b>C.I. NO.</b>	--
<b>CASR NO.</b>	<b>(86-87-3)</b>
<b>ATOMIC OR MOLECULAR FORMULA</b>	<b>C<sub>10</sub>H<sub>7</sub>CH<sub>2</sub>COOH</b>
<b>ATOMIC OR MOLECULAR WEIGHT</b>	<b>186.21</b>
<b>PROPERTIES</b>	<b>Freely soluble in acetone, ether, chloroform.</b>



<b>PARAMETER</b>	<b>LIMIT</b>
Description	White to off white / cream to light yellow or beige powder.
Solubility	5% solution in acetone is almost clear to clear.
Minimum Assay (By GC/NaOH titration)	95.00%
Melting range	126 – 131°C

### MAXIMUM LIMIT OF IMPURITY

2-Naphthylacetic acid (ByGC)	4.0%
------------------------------	------

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

<b>WARNING</b> <b>HAZARD DANGER</b> Harmful if swallowed. Causes skin irritation. Causes serious eye damage. May cause respiratory irritation. <b>PRECAUTIONARY STATEMENTS</b> <b>Prevention:</b> 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. <b>Response:</b> 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 : -- UN No. : -- IATA : --
--	--

**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: 15-Feb-2024