

**1 IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY / UNDERTAKING**

Catalogue No	:	N 10909
Product Name	:	1 - Naphthyl acetic acid
Manufacture / Supplier Identification Company	:	Nice Chemicals (P) Ltd., PB No: 2217, Manimala Road, Edappally, Kochi - 682 024, Kerala, India.
Contact for Information	:	<b>Tel:</b> 91-484-2800212, 2802755, 2802536, 2801583 <b>Fax :</b> 0484 2802483
Emergency Telephone No	:	0484 2801583
TeleFax No	:	0484 2802483

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**2 COMPOSITION / INFORMATION ON INGREDIENTS**

Molecular Formula	:	C <sub>12</sub> H <sub>10</sub> O <sub>2</sub>
Synonyms	:	$\alpha$ -Naphthaleneacetic acid Free acid 1-Naphthaleneacetic acid NAA
CAS - No	:	86 - 87 - 3
Molar Mass	:	.....
Molecular weight	:	186.21 g/mol
EC - INDEX No	:	.....
EC - No	:	.....

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**3 HAZARDS IDENTIFICATION****Classification of the substance or mixture**

Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.  
This substance is not classified as dangerous according to Directive 67/548/EEC.

**Label Elements**

The product does not need to be labelled in accordance with EC directives or respective national laws.

Supplimental Hazards	:	none
Other Hazards	:	none

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**4 FIRST AID MEASURES**

General advice	:	Consult a physician. Show this safety data sheet to the doctor in attendance.
If inhaled	:	If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.
In case of skin contact	:	Wash off with soap and plenty of water.
In case of eye contact	:	Flush eyes with water as a precaution.
If swallowed	:	Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.
Most Important symptoms and effects, both acute and delayed	:	The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11
Indication of any immediate medical attention and special treatment needed	:	No data available

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**5 FIRE - FIGHTING MEASURES**

Suitable extinguishing media	:	Dry powder Carbon dioxide (CO <sub>2</sub> )
Unsuitable extinguishing media	:	Water
Special hazards arising from the substance or mixture	:	No data available
Advice for firefighters	:	Wear self contained breathing apparatus for fire fighting if necessary.
Further Information	:	No data available.

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**6 ACCIDENTAL RELEASE MEASURES**

Personal precautions, protective equipment and emergency procedures	:	Avoid breathing vapours, mist or gas
Environmental-protection	:	No special environmental precautions required.
Methods and materials for containment and cleaning up	:	Keep in suitable, closed containers for disposal

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Reference to other sections : For disposal see section 13.

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## 7 HANDLING AND STORAGE

Precautions for safe handling	:	For precautions see section 2.2.
Conditions for safe storage, including any incompatibilities	:	Store in cool place. Keep container tightly closed in a dry and well-ventilated place.
Specific end users	:	Apart from the uses mentioned in section 1.2 no other specific uses are stipulated

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## 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

### Control parameter

### Components with workplace control parameters

### Exposure Controls

Appropriate engineering controls : General industrial hygiene practice.

### Personal protective equipment

Eye/face protection : Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin Protection :  
Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices.  
Wash and dry hands.

The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.

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Body Protection	:	impervious clothing. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.
Respiratory protection	:	Respiratory protection not required. For nuisance exposures use type OV/AG (US) or type ABEK (EU EN 14387) respirator cartridges. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).
Control of environmental exposure	:	No special environmental precautions required.

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## 9 PHYSICAL AND CHEMICAL PROPERTIES

### Information on basic physical and chemical properties

Appearance		<b>Form</b> : Liquid <b>Colour</b> : Light yellow
Odour	:	No data available
Odour Threshold	:	No data available
pH	:	10,7 - 12,7
Melting Point/Freezing point	:	Melting point/range: 129 - 131,5 °C - lit.
Initial Boiling point and boiling range	:	No data available
Flash Point	:	No data available
Evaporation rate	:	No data available
Flammability (solid, gas)	:	No data available
Upper/lower flammability or explosive limits	:	No data available
Vapour Pressure	:	No data available
Vapour Density	:	No data available
Relative density	:	No data available
Water solubility	:	No data available

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Partition coefficient: noctanol/water	:	No data available
Autoignition temperature	:	No data available
Decomposition temperature	:	No data available
Viscosity	:	No data available
Explosive properties	:	No data available
Oxidizing properties	:	No data available
Other Safety information	:	No data available

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**10 STABILITY AND REACTIVITY**

Reactivity	:	No data available
Chemical stability	:	Stable under recommended storage conditions.
Possibility of hazardous reactions	:	No data available
Conditions to be avoid	:	No data available
Incompatible materials	:	Strong oxidizing agents, Strong bases
hazardous decomposition products	:	Other decomposition products - no data available In the event of fire: see section 5

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**11 TOXICOLOGICAL INFORMATION****Information on toxicological effects**

Acute Toxicity	:	No data available
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**Further toxicological Information**

Skin corrosion/irritation	:	No data available
Serious eye damage/eye irritation	:	No data available
Respiratory or skin sensitisation	:	No data available
Germ cell mutagenicity	:	No data available

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Carcinogenicity	:	IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.
Reproductive toxicity	:	No data available
Specific target organ toxicity - single exposure	:	No data available
Specific target organ toxicity - repeated exposure	:	No data available
Aspiration hazard	:	No data available
Signs and symptoms of exposure	:	To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.
Additional Information	:	RTECS: No data available  To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

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**12 ECOLOGICAL INFORMATION**

Toxicity	:	No data available
Persistence and degradability	:	No data available
Bioaccumulative potential	:	No data available
Mobility in soil	:	No data available
Results of PBT and vPvB assessment	:	PBT/vPvB assessment not available as chemical safety assessment not required/not conducted
Other adverse effects	:	Harmful to aquatic life. No data available

**13 DISPOSAL METHOD****Waste treatment methods**

Product	:	Offer surplus and non-recyclable solutions to a licensed disposal company.
Contaminated packaging	:	Dispose of as unused product.

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**14 TRANSPORT INFORMATION**

UN number	:	ADR/RID: -..... IMDG: -..... IATA: - .....
UN Proper shipping name	:	ADR/RID: Not dangerous goods IMDG: Not dangerous goods IATA: Not dangerous goods
Transport hazard class(es)	:	ADR/RID:- ..... IMDG:- ..... IATA:- .....
Packaging group	:	ADR/RID: - ..... IMDG: - ..... IATA:- .....
Environmental group	:	ADR/RID: no IMDG Marine pollutant: no IATA: no
Special precautions for user	:	No data available

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**15 REGULATORY INFORMATION**

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

Safety, health and environmental regulations/legislation specific for the substance or mixture	:	No data available
Chemical safety assessment	:	For this product a chemical safety assessment was not carried out

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**16 OTHER INFORMATION**

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge