

Safety Data Sheet

#90038154 · Full 16-section SDS

According to Regulation (EC) No 1907/2006

According to Regulation (EC) No 2020/878

PRODUCT	CAS NUMBER	FORMULA	VERSION	REVISION DATE
Sodium 1-naphthyleneacetate	61-31-4	C ₁₂ H ₉ NaO ₂	10	17 Jul 2026

SECTION 1

Identification

Product name	Sodium 1-naphthyleneacetate
CAS number	61-31-4
Chemical formula	C ₁₂ H ₉ NaO ₂
Molecular weight	208.194
SMILES	<chem>C1=CC=C2C(=C1)C=CC=C2CC(=O)[O-].[Na+]</chem>
EC / EINECS number	200-504-2
Recommended use & restrictions	<i>Not applicable</i>
Emergency telephone	0344 892 0111 — National Poisons Information Service (NPIS) (United Kingdom — for healthcare professionals (via TOXBASE))

SECTION 2

Hazard identification



WARNING

CODE	HAZARD STATEMENT
H302	Harmful if swallowed
H319	Causes serious eye irritation
CODE	PRECAUTIONARY STATEMENT
P264	Wash thoroughly after handling
P280	Wear protective gloves/protective clothing/eye protection/face protection
P301+P330+P331	IF SWALLOWED: Rinse mouth. Do NOT induce vomiting
P305+P351+P338	IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do, continue rinsing
P501	Dispose of contents/container to an approved waste disposal plant
Other hazards (e.g. PBT / vPvB, not classified)	None known

SECTION 3

Composition / information on ingredients

Purity / concentration	100
Impurities / stabilising additives	None

SECTION 4

First-aid measures

Inhalation	Remove person to fresh air and keep comfortable for breathing. In case of persistent throat irritation or coughing: seek medical attention.
Skin contact	Rinse skin with water. If skin irritation or rash occurs: get medical advice/attention.
Eye contact	Remove contact lenses if present. Rinse eyes with water. If eye irritation persists: get medical advice/attention.
Ingestion	Rinse mouth. Get medical advice/attention if you feel unwell.
Symptoms / effects & medical attention	No data available

SECTION 5

Fire-fighting measures

Suitable extinguishing media	Water spray. Foam, carbon dioxide, dry powder or water fog
Unsuitable extinguishing media	None known
Special hazards	Take care as it may decompose upon combustion or in high temperatures to generate poisonous fumes: Carbon oxides, sodium oxides
Advice for firefighters	Special protective equipment for firefighters: Use personal protective equipment. Specific extinguishing methods : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Immediately evacuate personnel to safe areas. Remove undamaged containers from fire area if it is safe to do so.

SECTION 6

Accidental release measures

Personal precautions & PPE	Avoid breathing dust/fume/gas/mist/vapours/spray. Provide adequate ventilation. For personal protection, see section 8.
Environmental precautions	Avoid discharge into drains, water courses or onto the ground.
Containment & clean-up methods	Collect spillage with shovel, broom or the like.

For specific precautions, see Section 8 and Section 13.

SECTION 7

Handling & storage

Storage temperature	Ambient
Precautions for safe handling	Wear protective clothing, gloves, eye and face protection. Avoid contact with skin and eyes. Do not breathe dust/fume/gas/mist/vapours/spray.
Conditions for safe storage (incompatibilities)	<i>No data available</i>

SECTION 8

Exposure controls / personal protection

Occupational exposure limits (OEL / WEL) *No data available*

DNEC/PNEC data *No data available*

Eye / face protection Safety glasses
Wear eye/face protection as recommended. All eye/face protection should comply with EN ISO 16321-1:2022.

Skin / hand protection Nitrile gloves

Respiratory protection Dust mask (FFP2/FFP3)
Keep self-contained breathing apparatus readily available for emergency use. Provide adequate ventilation. If ventilation is insufficient, suitable respiratory protection must be provided. Respiratory equipment: Reusable Air-Purifying Respirator (APR). Filter type: ABEK. Standard: EN 14387.

SECTION 9

Physical & chemical properties

Density (g/mL) 1 g/mL
DERIVED FROM: LITERATURE

Flash point *Not applicable*

Acidity Neutral
DERIVED FROM: LITERATURE

Appearance / physical state Solid
DERIVED FROM: LITERATURE

Colour White to off-white
DERIVED FROM: LITERATURE

Odour Not known
DERIVED FROM: LITERATURE

Melting / freezing point -
DERIVED FROM: LITERATURE

Boiling point -
DERIVED FROM: LITERATURE

Solubility (water) Soluble in water
DERIVED FROM: LITERATURE

pH -
DERIVED FROM: LITERATURE

Vapour pressure -
DERIVED FROM: LITERATURE

Partition coefficient (log Pow) -
DERIVED FROM: LITERATURE

Auto-ignition / decomposition temp -
DERIVED FROM: LITERATURE

SECTION 10

Stability & reactivity

Chemical stability / reactivity	Stable under normal conditions. Stable under the prescribed storage conditions
Conditions to avoid	Excessive heat.
Incompatible materials	Strong oxidising agents
Hazardous decomposition products	See section 5

SECTION 11

Toxicological information

Acute toxicity (LD50 / LC50)	LD50 (Oral)- 670 mg/kg Mouse Ref: Pesticide Manual., 9(607), 1991 LD50 (Oral)- 933 mg/kg Rat Ref: National Technical Information Service., OTS0556092 LD50 (Dermal)- > 2000 mg/kg Rat Ref: National Technical Information Service., OTS0556092
Skin corrosion / irritation	Not classified
Eye corrosion / irritation	Causes serious eye irritation
Respiratory / skin sensitisation	<i>No data available</i>
Carcinogenicity	<i>No data available</i>
Mutagenicity	<i>Not applicable</i>
Reproductive toxicity	<i>Not applicable</i>
STOT (single / repeated exposure)	<i>No data available</i>
Aspiration hazard	<i>No data available</i>
Endocrine disruptors	<i>No data available</i>

SECTION 12

Ecological information

Aquatic toxicity	<i>No data available</i>
Persistence & degradability	<i>No data available</i>
Bioaccumulative potential	<i>No data available</i>
Mobility in soil	<i>No data available</i>
PBT / vPvB assessment	<i>No data available</i>

SECTION 13

Disposal considerations

Waste treatment / disposal methods

Dispose of in accordance with local/national regulations

SECTION 14

Transport information

UN number *Not applicable*

Proper shipping name *Not applicable*

Class *Not applicable*

Packing group *Not applicable*

Transport category *Not applicable*

Tunnel code *Not applicable*

Packing instruction (ADR) *Not applicable*

Packing instruction (IMDG) *Not applicable*

Environmental hazards *Not applicable*

Special precautions for user *Not applicable*

SECTION 15

Regulatory information

REACH code Y110

UFI code *Not applicable*

ECHA notification *Not applicable*

Chemical safety assessment carried out? *Not applicable*

SECTION 16

Other information

Revision notes / other information *Not applicable*

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