

Safety Data Sheet

#12274085 · 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
2-Acetamidophenol	614-80-2	CH ₃ CONHC ₆ H ₄ OH	10	17 Aug 2026

SECTION 1

Identification

Product name	2-Acetamidophenol
CAS number	614-80-2
Chemical formula	CH ₃ CONHC ₆ H ₄ OH
Molecular weight	151.16
SMILES	CC(=O)NC1=CC=CC=C1O
EC / EINECS number	210-396-9
Recommended use & restrictions	For research and development. Laboratory chemicals. Manufacture of substances. Not suitable for human or veterinary purposes.
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
H315	Causes skin irritation
H319	Causes serious eye irritation
H412	Harmful to aquatic life with long lasting effects
CODE	PRECAUTIONARY STATEMENT
P261	Avoid breathing dust/fume/gas/mist/vapours/spray
P273	Avoid release to the environment
P280	Wear protective gloves/protective clothing/eye protection/face protection
P302+352	IF ON SKIN: Wash with soap and water
P305+351+338	IF IN EYES: Rinse with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing
P308+P313	IF exposed or concerned: Get medical advice/attention
P501	Dispose of contents/container to an approved waste disposal plant
Other hazards (e.g. PBT / vPvB, not classified)	This substance/mixture does not meet the PBT or vPvB criteria of REACH regulation, annex XIII.

SECTION 3

Composition / information on ingredients

Purity / concentration	~100%
Impurities / stabilising additives	Not applicable

SECTION 4

First-aid measures

Inhalation	Remove victim to fresh air and keep at rest in a position comfortable for breathing; if breathing is difficult, give oxygen or artificial respiration and seek medical advice.
Skin contact	Take off immediately all contaminated clothing and wash immediately with plenty of water; consult a doctor if irritation persists.
Eye contact	Rinse immediately with plenty of water, remove contact lenses if present and easy to do, and continue rinsing; seek medical advice if irritation persists.
Ingestion	Rinse mouth out with water; do not induce vomiting and get medical advice.
Symptoms / effects & medical attention	Treat symptomatically

SECTION 5

Fire-fighting measures

Suitable extinguishing media	Foam, dry powder, carbon dioxide, water spray.
Unsuitable extinguishing media	No specific firefighting procedure given
Special hazards	Carbon oxides (CO, CO ₂), nitrogen oxides.
Advice for firefighters	Firefighters should wear self-contained breathing apparatus and full fire fighting turnout gear. Use personal protection equipment.

SECTION 6

Accidental release measures

Personal precautions & PPE	Isolate from fire, avoid dust formation, eliminate all sources of ignition, wear recommended PPE, evacuate unnecessary personnel.
Environmental precautions	Prevent entry to sewers and public waters; notify authorities if product enters sewers or public waters.
Containment & clean-up methods	Sweep or shovel into suitable closed containers for disposal.

For specific precautions, see Section 8 and Section 13.

SECTION 7

Handling & storage

Storage temperature	Ambient
Precautions for safe handling	Avoid creating or spreading dust; provide local exhaust or general room ventilation; wash hands and exposed areas before eating, drinking, or smoking.
Conditions for safe storage (incompatibilities)	Keep in original container in a cool, well-ventilated place away from heat sources and direct sunlight; keep closed when not in use; air and light sensitive.

SECTION 8

Exposure controls / personal protection

Occupational exposure limits (OEL / WEL)	<i>Not applicable</i>
DNEC/PNEC data	<i>Not applicable</i>
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	Gloves: Nitrile Rubber, 0.11mm (480 mins).
Respiratory protection	Half-mask with filter 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	Powder DERIVED FROM: LITERATURE
Colour	Beige, light brown. DERIVED FROM: LITERATURE
Odour	Not known DERIVED FROM: LITERATURE
Melting / freezing point	205 - 210 °C DERIVED FROM: LITERATURE
Boiling point	Not applicable
Solubility (water)	Not applicable
pH	Not applicable
Vapour pressure	Not applicable
Partition coefficient (log Pow)	Log pow: 0.72 DERIVED FROM: LITERATURE
Auto-ignition / decomposition temp	Not applicable

SECTION 10

Stability & reactivity

Chemical stability / reactivity	The following applies in general to flammable organic substances and mixtures: in correspondingly fine distribution, when whirled up a dust explosion potential may generally be assumed.
Conditions to avoid	Heat sources, direct sunlight, sparks, open flames.
Incompatible materials	Acid anhydrides, acid chlorides, chloroformates, strong oxidizing agents.
Hazardous decomposition products	Carbon oxides, nitrogen oxides. See section 5

SECTION 11

Toxicological information

Acute toxicity (LD50 / LC50)	<i>Not applicable</i>
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Skin corrosion / irritation	<i>Not applicable</i>
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Eye corrosion / irritation	<i>Not applicable</i>
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Respiratory / skin sensitisation	<i>Not applicable</i>
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Carcinogenicity	<i>Not applicable</i>
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Mutagenicity	<i>Not applicable</i>
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Reproductive toxicity	<i>Not applicable</i>
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STOT (single / repeated exposure)	<i>Not applicable</i>
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Aspiration hazard	<i>Not applicable</i>
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Endocrine disruptors	<i>Not applicable</i>
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SECTION 12

Ecological information

Aquatic toxicity	LC50 fish 1: 22.1 mg/l Pimephales promelas (fathead minnow) 96hr.
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Persistence & degradability	<i>No data available</i>
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Bioaccumulative potential	<i>No data available</i>
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Mobility in soil	<i>No data available</i>
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PBT / vPvB assessment	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII. This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII.
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SECTION 13

Disposal considerations

Waste treatment / disposal methods	Dispose of in accordance with local regulations.
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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 required

SECTION 16

Other information

Revision notes / other information	This SDS replaces Version number: 1 Issued: 27.06.2019
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