



**SAFETY DATA SHEET**  
SODIUM ACETATE ANHYDROUS

Page: 1

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Revision No: 1

**Section 1: Identification of the substance/mixture and of the company/undertaking**

**1.1. Product identifier**

**Product name:** SODIUM ACETATE ANHYDROUS

**REACH registered number(s):** 01-2119485123-42-XXXX

**CAS number:** 127-09-3

**EINECS number:** 204-823-8

**1.2. Relevant identified uses of the substance or mixture and uses advised against**

**Use of substance / mixture:** PC8: Biocidal products (e.g. Disinfectants, pest control). PC20: Products such as pH-regulators, flocculants, precipitants, neutralization agents. PC37: Water treatment chemicals. PC21: Laboratory chemicals. PC23: Leather tanning, dye, finishing, impregnation and care products. PC35: Washing and cleaning products (including solvent based products).

**1.3. Details of the supplier of the safety data sheet**

**Company name:** Celtic Chemicals Limited

Unit 25

Kenfig Industrial Estate

Margam

Neath Port Talbot

SA13 2PE

United Kingdom

**Tel:** +44 (0) 1656 749358

**Fax:** +44 (0) 1656 746490

**Email:** [sales@celticchemicals.co.uk](mailto:sales@celticchemicals.co.uk)

**1.4. Emergency telephone number**

**Emergency tel:** +44 (0) 1656 749358

(office hours only)

**Section 2: Hazards identification**

**2.1. Classification of the substance or mixture**

**Classification under CLP:** This product has no classification under CLP.

**2.2. Label elements**

**Label elements:** This product has no label elements.

[cont...]

**SAFETY DATA SHEET**  
SODIUM ACETATE ANHYDROUS

Page: 2

**2.3. Other hazards**

**PBT:** This product is not identified as a PBT/vPvB substance.

**Section 3: Composition/information on ingredients**

**3.1. Substances**

**Chemical identity:** SODIUM ACETATE ANHYDROUS

**CAS number:** 127-09-3

**EINECS number:** 204-823-8

**REACH registered number(s):** 01-2119485123-42-XXXX

**Section 4: First aid measures**

**4.1. Description of first aid measures**

**Skin contact:** Wash immediately with plenty of soap and water.

**Eye contact:** Bathe the eye with running water for 15 minutes.

**Ingestion:** Wash out mouth with water.

**Inhalation:** Consult a doctor.

**4.2. Most important symptoms and effects, both acute and delayed**

**Skin contact:** There may be mild irritation at the site of contact.

**Eye contact:** There may be irritation and redness.

**Ingestion:** There may be irritation of the throat.

**Inhalation:** There may be irritation of the throat with a feeling of tightness in the chest.

**4.3. Indication of any immediate medical attention and special treatment needed**

**Immediate / special treatment:** Not applicable.

**Section 5: Fire-fighting measures**

**5.1. Extinguishing media**

**Extinguishing media:** Suitable extinguishing media for the surrounding fire should be used.

**5.2. Special hazards arising from the substance or mixture**

**Exposure hazards:** In combustion emits toxic fumes.

**5.3. Advice for fire-fighters**

**Advice for fire-fighters:** Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

**Section 6: Accidental release measures**

**6.1. Personal precautions, protective equipment and emergency procedures**

**Personal precautions:** Refer to section 8 of SDS for personal protection details.

[cont...]

**SAFETY DATA SHEET**  
SODIUM ACETATE ANHYDROUS

Page: 3

**6.2. Environmental precautions**

**Environmental precautions:** Do not discharge into drains or rivers.

**6.3. Methods and material for containment and cleaning up**

**Clean-up procedures:** Wash the spillage site with large amounts of water.

**6.4. Reference to other sections**

**Reference to other sections:** Refer to section 8 of SDS.

**Section 7: Handling and storage**

**7.1. Precautions for safe handling**

**Handling requirements:** Avoid the formation or spread of dust in the air.

**7.2. Conditions for safe storage, including any incompatibilities**

**Storage conditions:** Store in a cool, well ventilated area.

**7.3. Specific end use(s)**

**Specific end use(s):** No data available.

**Section 8: Exposure controls/personal protection**

**8.1. Control parameters**

**Workplace exposure limits:** No data available.

**DNEL/PNEC Values**

**SODIUM ACETATE ANHYDROUS**

Type	Exposure	Value	Population	Effect
PNEC	Fresh water	0.1 mg/L	-	-
PNEC	Marine water	0.01 mg/L	-	-
PNEC	Microorganisms in sewage treatment	0.72 g/L	-	-
DNEL	Inhalation	1 057.9 mg/m <sup>3</sup>	Workers	Systemic
DNEL	Dermal	12 mg/kg bw/day	Workers	Systemic
DNEL	Inhalation	521.73 mg/m <sup>3</sup>	General Population	Systemic
DNEL	Dermal	6 mg/kg bw/day	General Population	Systemic
DNEL	Oral	6 mg/kg bw/day	General Population	Systemic

**8.2. Exposure controls**

**Engineering measures:** Ensure there is sufficient ventilation of the area.

**Respiratory protection:** Respiratory protective device with particle filter.

**Hand protection:** Protective gloves.

**Eye protection:** Safety glasses. Ensure eye bath is to hand.

**Skin protection:** Protective clothing.

[cont...]

**SAFETY DATA SHEET**  
SODIUM ACETATE ANHYDROUS

Page: 4

**Environmental:** No special requirement.

**Section 9: Physical and chemical properties**

**9.1. Information on basic physical and chemical properties**

**State:** Crystals

**Colour:** White

**Odour:** Odourless

**Evaporation rate:** No data available.

**Oxidising:** Non-oxidising (by EC criteria)

**Solubility in water:** Soluble

**Viscosity:** No data available.

**Boiling point/range°C:** >300

**Melting point/range°C:** 324

**Flammability limits %: lower:** Not applicable.

**upper:** Not applicable.

**Flash point°C:** >250

**Part.coeff. n-octanol/water:** No data available.

**Autoflammability°C:** 607

**Vapour pressure:** 0

**Relative density:** 1.528g/cm<sup>3</sup>

**pH:** 8.5-9.9

**VOC g/l:** No data available.

**9.2. Other information**

**Other information:** No data available.

**Section 10: Stability and reactivity**

**10.1. Reactivity**

**Reactivity:** Stable under recommended transport or storage conditions.

**10.2. Chemical stability**

**Chemical stability:** Stable under normal conditions.

**10.3. Possibility of hazardous reactions**

**Hazardous reactions:** Hazardous reactions will not occur under normal transport or storage conditions.

Decomposition may occur on exposure to conditions or materials listed below.

**10.4. Conditions to avoid**

**Conditions to avoid:** Heat.

**10.5. Incompatible materials**

**Materials to avoid:** Strong oxidising agents. Strong acids.

**10.6. Hazardous decomposition products**

**Haz. decomp. products:** In combustion emits toxic fumes.

**Section 11: Toxicological information**

[cont...]

**SAFETY DATA SHEET**  
SODIUM ACETATE ANHYDROUS

Page: 5

**11.1. Information on toxicological effects**

**Toxicity values:**

Route	Species	Test	Value	Units
DERMAL	RBT	LD50	10000	mg/kg
INHALATION	RAT	1H LC50	30000	mg/m <sup>3</sup>
ORAL	RAT	LD50	3530	mg/kg

**Symptoms / routes of exposure**

**Skin contact:** There may be mild irritation at the site of contact.

**Eye contact:** There may be irritation and redness.

**Ingestion:** There may be irritation of the throat.

**Inhalation:** There may be irritation of the throat with a feeling of tightness in the chest.

**Section 12: Ecological information**

**12.1. Toxicity**

**Ecotoxicity values:**

Species	Test	Value	Units
BLUEGILL ( <i>Lepomis macrochirus</i> )	24H LC50	5000	mg/l
Pimephales promelas	120 h LC50	13330	mg/l
Daphnia magna	48H EC50	1000	mg/l

**12.2. Persistence and degradability**

**Persistence and degradability:** Biodegradable.

**12.3. Bioaccumulative potential**

**Bioaccumulative potential:** The substance has low potential for bioaccumulation.

**12.4. Mobility in soil**

**Mobility:** Soluble in water.

**12.5. Results of PBT and vPvB assessment**

**PBT identification:** This product is not identified as a PBT/vPvB substance.

**12.6. Other adverse effects**

**Other adverse effects:** Negligible ecotoxicity.

**Section 13: Disposal considerations**

**13.1. Waste treatment methods**

**NB:** The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

[cont...]

**SAFETY DATA SHEET**  
SODIUM ACETATE ANHYDROUS

Page: 6

**Section 14: Transport information**

**Transport class:** This product does not require a classification for transport.

**Section 15: Regulatory information**

**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

**15.2. Chemical Safety Assessment**

**Section 16: Other information**

**Other information**

**Other information:** This safety data sheet is prepared in accordance with Commission Regulation (EU) No 2015/830.

\* indicates text in the SDS which has changed since the last revision.

**Legal disclaimer:** The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.