



ISO 9001 Quality System Certified Organization

MANUFACTURER & EXPORTER OF LABORATORY CHEMICALS AND OILS

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MATERIAL SAFETY DATA SHEET (MSDS) SDS/MSDS

SODIUM ACETATE TRIHYDRATE EXTRA PURE MSDS

CAS No: 6131-90-4 MSDS

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1.

Product identifier: Substance

Product form : SODIUM ACETATE TRIHYDRATE EXTRA PURE MSDS

EC no: 204-823-8

CAS No: 6131-90-4

Chemical structure

Synonyms

1.2.

: Acetic acid sodium salt

Relevant identified uses of the substance or mixture and uses advised against

1.2.1.

Relevant identified uses

Use of the substance/mixture

1.2.2.

Uses advised against

No additional information available

SECTION 2: Hazards identification

2.1.

Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Not classified

Classification according to Directive 67/548/EEC or 1999/45/EC

Not classified

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Adverse physicochemical, human health and environmental effects

No additional information available

2.2.

Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP] Extra labelling to display Extra classification(s) to display

No labelling applicable

2.3.

Other hazards

No additional information available

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SECTION 3: Composition/information on ingredients

3.1.

Substance

Name

CAS No

EC no

: SODIUM ACETATE TRIHYDRATE EXTRA PURE

: 6131-90-4

: 204-823-8

Full text of R- and H-phrases: see section 16

3.2.

Mixture

Not applicable



SECTION 4: First aid measures

4.1.

Description of first aid measures

First-aid measures after inhalation

First-aid measures after skin contact

First-aid measures after eye contact

First-aid measures after ingestion

4.2.

: Remove person to fresh air and keep comfortable for breathing. Give oxygen or artificial respiration if necessary. If you feel unwell, seek medical advice.

: Gently wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention.

: Remove contact lenses, if present and easy to do. Continue rinsing. Rinse cautiously with water for several minutes. If eye irritation persists: Get medical advice/attention.

: Rinse mouth out with water. If you feel unwell, seek medical advice.

Most important symptoms and effects, both acute and delayed

No additional information available

4.3.

Indication of any immediate medical attention and special treatment needed

No additional information available

SECTION 5: Firefighting measures

5.1.

Extinguishing media

Suitable extinguishing media

Unsuitable extinguishing media

5.2.

: dry chemical powder, alcohol-resistant foam, carbon dioxide (CO₂).

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: Do not use a heavy water stream.

Special hazards arising from the substance or mixture

No additional information available

5.3.

Advice for firefighters

Protection during firefighting

SECTION 6: Accidental release measures

: Do not attempt to take action without suitable protective equipment.

6.1.

Personal precautions, protective equipment and emergency procedures

6.1.1.

For non-emergency personnel

Emergency procedures

6.1.2.

For emergency responders

Protective equipment

Emergency procedures

6.2.

Environmental precautions

: Evacuate unnecessary personnel.

: Use personal protective equipment as required.

: Stop release.

Avoid release to the environment.

6.3.

Methods and material for containment and cleaning up

Methods for cleaning up

6.4.

Reference to other sections

: Clear up rapidly by scoop or vacuum.

No additional information available

SECTION 7: Handling and storage

7.1.

Precautions for safe handling

Precautions for safe handling

Hygiene measures

7.2.

: Do not get in eyes, on skin, or on clothing.

: Wash hands and other exposed areas with mild soap and water before eating,

drinking or smoking and when leaving work.

Conditions for safe storage, including any incompatibilities

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Storage conditions

7.3.

Specific end use(s)

: Store in original container. Keep container tightly closed. Store in a dry place.

Protect from moisture.

No additional information available

SECTION 8: Exposure controls/personal protection

8.1.

Control parameters

No additional information available

8.2.

Exposure controls

Hand protection

Eye protection

Skin and body protection

Respiratory protection

: protective gloves

: Chemical goggles or safety glasses

: Wear suitable protective clothing

: Wear respiratory protection



SECTION 9: Physical and chemical properties

9.1.

Information on basic physical and chemical properties

Physical state

: Solid

Colour :White crystalline.

Odour : slight acetic acid.

Odour threshold : No data available

pH : 8.5 - 10 at 408 g/l at 25 °C

Relative evaporation rate (butylacetate=1) : No data available

Melting point : 58 °C

Freezing point : No data available

Boiling point : No data available

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Flash point : No data available

Auto-ignition temperature : 600 °C

Decomposition temperature : No data available

Flammability (solid, gas) : No data available

Vapour pressure : No data available

Relative vapour density at 20 °C : No data available

Relative density : No data available

Density : 1.45 g/cm³

Solubility :Water: 408 g/l at 20 °C - completely soluble

Log Pow : No data available

Viscosity, kinematic : No data available

Viscosity, dynamic : No data available

Explosive properties : No data available

Oxidising properties : No data available

Explosive limits : No data available

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

No additional information available

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No additional information available

10.4. Conditions to avoid

Direct sunlight. Air contact. Moisture.



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10.5. Incompatible materials

No additional information available

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Safety Data Sheet

10.6.

Hazardous decomposition products

No additional information available

SECTION 11: Toxicological information

11.1.

Information on toxicological effects

Acute toxicity

Skin corrosion/irritation

Serious eye damage/irritation

Respiratory or skin sensitisation

Germ cell mutagenicity

Carcinogenicity

Reproductive toxicity

Specific target organ toxicity (single exposure)

Specific target organ toxicity (repeated exposure)

Aspiration hazard



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SECTION 12: Ecological information

: Not classified

: Not classified

pH: 8.5 - 10 at 408 g/l at 25 °C

: Not classified

pH: 8.5 - 10 at 408 g/l at 25 °C

: Not classified

: Not classified

: Not classified

: Not classified

: Not classified

: Not classified

: Not classified

12.1.

Toxicity

No additional information available

12.2.

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Persistence and degradability

No additional information available

12.3.

Bioaccumulative potential

No additional information available

12.4.

Mobility in soil

No additional information available

12.5.

Results of PBT and vPvB assessment

No additional information available

12.6. Other adverse effects

No additional information available



SECTION 13: Disposal considerations

13.1. Waste treatment methods

No additional information available

SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN

14.1. UN number

UN-No. (ADR) : Not applicable

UN-No. (IMDG) : Not applicable

UN-No.(IATA) : Not applicable

UN-No.(ADN) : Not applicable

UN-No. (RID) : Not applicable

14.2. UN proper shipping name

Proper Shipping Name (ADR) : Not applicable

Proper Shipping Name (IMDG) : Not applicable

Proper Shipping Name (IATA) : Not applicable

Proper Shipping Name (ADN) : Not applicable

Proper Shipping Name (RID) : Not applicable

14.3. Transport hazard class(es)

ADR

Transport hazard class(es) (ADR) : Not applicable

IMDG

Transport hazard class(es) (IMDG) : Not applicable

IATA

Transport hazard class(es) (IATA) : Not applicable

ADN

Transport hazard class(es) (ADN) : Not applicable

RID

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Transport hazard class(es) (RID) : Not applicable

14.4. Packing group

Packing group (ADR) : Not applicable

Packing group (IMDG) : Not applicable

Packing group (IATA) : Not applicable

Packing group (ADN) : Not applicable

Packing group (RID) : Not applicable

14.5. Environmental hazards

Dangerous for the environment : No

Marine pollutant : No

Other information : No supplementary information available

14.6.

Special precautions for user- Overland transport

No data available- Transport by sea

No data available- Air transport

No data available- Inland waterway transport

No data available- Rail transport

No data available

14.7.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

SECTION 15: Regulatory information

15.1.

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

15.1.1. EU-Regulations

No REACH Annex XVII restrictions

SODIUM ACETATE TRIHYDRATE EXTRA PURE is not on the REACH Candidate List

SODIUM ACETATE TRIHYDRATE EXTRA PURE is not on the REACH Annex XIV List

15.1.2. National regulations

Germany

AwSV/VwVwS Annex reference

12th Ordinance Implementing the Federal

Immission Control Act - 12.BImSchV

15.2.

Chemical safety assessment

: Water hazard class (WGK) 1, slightly hazardous to water (Classification according to VwVwS, Annex 2; WGK No 367)

: Is not subject of the 12. BImSchV (Hazardous Incident Ordinance)

No additional information available

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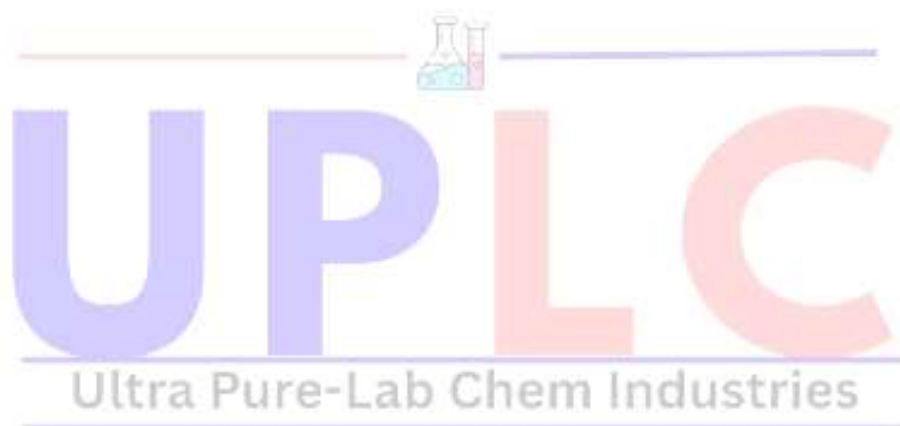
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SECTION 16: Other information

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product



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