SODIUM ACETATE (TRIHYDRATE), EXTRA PURE

SECTION 1: CHEMICAL PRODUCT IDENTIFICATION

Product Name: SODIUM ACETATE TRIHYDRATE,EXTRA PURE
Product Code: 420
CAS#: 6131-90-4
Chemical Name: Not Available
Chemical Formula: $C_2H_3NaO_2 .3H_2 O$
Formula Weight: 136.08

SECTION 2: COMPOSITION AND INFORMATION ON INGREDIENTS

Composition:
Name: SODIUM ACETATE TRIHYDRATE
Chemical Formula: $C_2H_3NaO_2 .3H_2 O$
Formula Weight: 136.08

SECTION 3: HAZARDS IDENTIFICATION

Classification of the substance or mixture
Classification according to Regulation (EC) No 1272/2008: Not Available
Classification according to EU Directives 67/548/EEC: Irritating to skin
Other hazards: none

SECTION 4: FIRST AID MEASURES

If inhaled: If breathed in, move person into fresh air. If not breathing, give artificial respiration.
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

SECTION 5: FIRE AND EXPLOSION DATA

Suitable extinguishing media: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
Special hazards arising from the substance or mixture: No data available
Advice for firefighters: Wear self contained breathing apparatus for firefighting if necessary

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions and emergency procedures: Avoid dust formation. Avoid breathing vapours, mist or gas.
Environmental precautions: Do not let product enter drains.
Methods and materials for containment and cleaning up: Sweep up and shovel. Keep in suitable, closed containers for disposal.

SECTION 7: HANDLING AND STORAGE

Precautions: Keep away from heat. Keep away from sources of ignition.
Storage: Store in cool, dry place in closed containers

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

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.
Respiratory protection: Respiratory protection is not required. If protection from nuisance levels of dusts are desired, use type N95 or type P1 (EN 143) dust masks. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance Form	: White to colorless crystalline powder
Taste	: Not available
Colour	: Not available
Odour	: Not available
Odour Threshold	: Not available
pH	: 7.5 – 9.0
Melting point/freezing point	: Not available
Initial boiling point and boiling range	: Not available
Flash point	: Not available
Evapouration rate	: Not available
Flammability (solid, gas)	: Not available
Upper/lower flammability or explosive limits	: Not available
Vapour density	: Not available
Relative density	: Not available
Water solubility	: Not available
Partition coefficient	: Not available
Auto-ignition temperature	: Not available

SECTION 10: STABILITY AND REACTIVITY DATA

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.
Chemical stability: The product is chemically stable under standard ambient conditions (room temperature)
Possibility of hazardous reactions:
Risk of explosion with: nitrates
Exothermic reaction with: Fluorine
Conditions to avoid: no information available

SECTION 11: TOXICOLOGICAL INFORMATION

Acute toxicity: LD50 Oral - Rat - male and female - 2.700 mg/kg (OECD Test Guideline 401) Remarks: (anhydrous substance) The value is given in analogy to the following substances: sodium acetate LC50 Inhalation - Rat - male and female - 4 h - > 5,6 mg/l - dust/mist
Skin corrosion/irritation: Skin - Rabbit Result: No skin irritation - 4 h (OECD Test Guideline 404) Remarks: (anhydrous substance) The value is given in analogy to the following substances: sodium acetate
Serious eye damage/eye irritation: Eyes - Rabbit Result: No eye irritation - 24 h (OECD Test Guideline 405) Remarks: (anhydrous substance) The value is given in analogy to the following substances: sodium acetate.
Respiratory or skin sensitization: Not available.
Carcinogenicity: Not available.
Reproductive toxicity: Not available.

Specific target organ toxicity - single exposure: Not available.
Aspiration hazard: Not available

SECTION 12: ECOLOGICAL INFORMATION

Toxicity to fish: semi-static test LC50 - Danio rerio (zebra fish) - > 100 mg/l - 96 h (OECD Test Guideline 203) Remarks: (anhydrous substance) The value is given in analogy to the following substances: sodium acetate
Toxicity to algae: ErC50: Skeletonema costatum - > 1.000 mg/l - 72 h (ISO 10253) Remarks: (anhydrous substance) The value is given in analogy to the following substances: sodium acetate
Toxicity to bacteria: static test EC50 - Pseudomonas putida - 7.200 mg/l - 16 h (DIN 38 412 Part 8) Remarks: (anhydrous substance) The value is given in analogy to the following substances: sodium acetate
Bio accumulative potential: Not available.
Results of PBT and vPvB assessment: This substance/mixture contains no components considered to be either persistent, bio accumulative and toxic (PBT), or very persistent and very bio accumulative (vPvB) at levels of 0.1% or higher.
Mobility in soil: Not available.

SECTION 13: DISPOSAL CONSIDERATIONS

Waste Disposal: Waste must be disposed of in accordance with federal, state and local environmental control regulations.

SECTION 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 hazards:
ADR/RID: no **IMDG Marine pollutant: no** **IATA: no**

SECTION 15: OTHER REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the substance or mixture
This material safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006.

SECTION 16: OTHER INFORMATION

References: Full text of H AND R-Statements: Not applicable
Other Special Considerations: Not available

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