



# SAFETY DATA SHEET

## 1. IDENTIFICATION OF THE PREPARATION AND OF THE COMPANY

Catalogue No. : S 11829  
Product Name : SODIUM ACETATE TRIHYDRATE

Manufacturer / supplier identification  
Company : NICE Chemicals (P) Ltd. , Cochin , India  
Tel - 0484 2800212 , 2802755

Contact For Information : Tel . No. – 0484 2802536 Fax : 0484 2802483  
Emergency Telephone No. : 0484 2801583 Tele fax No. : 0484 2802483

## 2. COMPOSITION / INFORMATION ON INGREDIENTS

CAS-No. : 6131-90-4 EC-N0. : 204-823-8  
Molar mass : 136.08  
Molecular formula :  $C_2H_3NaO_2 \cdot 3H_2O$

## 3. HAZARDS IDENTIFICATION

According to the evaluative data available, a classification according to categories of danger as specified in Directive 67/548/ EEC and laid down in the legislation of the country concerned is not required.

## 4. FIRST AID MEASURES

After skin contact : Wash off with plenty of water. Remove contaminated clothing.  
After eye contact : Rinse out with plenty of water with the eyelid held wide open.  
After swallowing (large amounts) : Consult doctor if feeling unwell.  
After inhalation : Fresh air.

## 5. FIRE- FIGHTING MEASURES

Suitable extinguishing media : In adaption to materials stored in the immediate neighbourhood.  
Special risks : None-combustible. Ambient fire may liberate hazardous vapours.  
Special protective equipment for fire fighting : Do not stay in dangerous zone without self-contained breathing apparatus.

Other information : Contain escaping vapours with water . Prevent fire-fighting water from entering surface water or ground water.

## 6. ACCIDENTAL RELEASE MEASURES

Procedure for cleaning /absorption : Take up dry. Forward for disposal .  
Clean up affected area. Avoid generation of dusts

## 7. HANDLING AND STORAGE

Handling : No further requirements.  
Storage : Store tightly closed . Dry.  
Storage temperature : No restrictions.



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## 8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

### *Personal protective equipment*

Respiratory protection : Required when dusts are generated.

Eye protection : Required

Hand protection : Required

Protective clothing should be selected specifically for the working place, depending on concentration and quantity of the hazardous substances handled. The resistance of the protective clothing to chemicals should be ascertained with the respective supplier

Industrial hygiene : Change contaminated clothing.

Wash hands after working with substance

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Form	:	Solid.
Colour	:	Colourless
Odour	:	Weakly of acetic acid
pH value at 50g/l H <sub>2</sub> O (20°C)	:	7.5-9.0
Melting temperature	:	58 °C
Boiling temperature	:	123 °C
Ignition temperature	:	Not available
Flash point	:	Not available
Explosion limits lower	:	Not available
Upper	:	Not available
Relative vapour density	:	Not available
Density (20°C)	:	1.45 g/cm <sup>3</sup>
Bulk density	:	900 kg/m <sup>3</sup>
Solubility in water (20°C)	:	1250 g/l
Ethanol (20°C)	:	50 g/l
Thermal decomposition	:	>120 °C

## 10. STABILITY AND REACTIVITY

Conditions to be avoided : No information available.

Substance to be avoided : With nitrates explosible.

Hazardous decomposition products : In the event of fire : acetic acid..

## 11. TOXICOLOGICAL INFORMATION

Acute toxicity : LD<sub>50</sub>(oral, rat): 3530mg/kg (anhydrous substance).

Further toxicological information :

After skin contact : Slight irritations, slight mucosal irritations.

After swallowing of large amounts : Gastrointestinal complaints.



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### **12. ECOLOGICAL INFORMATION**

Ecotoxic effects: Quantitative data on the ecological effect of this product are not available.

Further ecologic data: No ecological problems are to be expected when the product is handled and used with due care and attention.

### **13. DISPOSAL METHOD**

There are no uniform EC regulations for the disposal of chemicals or residues. Chemical residues generally count as special waste. The disposal of the latter is regulated in the EC member countries through corresponding laws & regulations. We recommend that you contact either the authorities in charge or approved waste disposal companies which will advise you on how to dispose of special waste.

Disposal in compliance with official regulations. Handle contaminated packaging in the same way as the substance itself. If not officially specified differently, non-contaminated packaging may be treated like household waste or recycled.

### **14. TRANSPORT INFORMATION**

Not subject to transport regulations.

### **15. REGULATORY INFORMATION**

Labelling according to EC Directives

Symbol : -----

R- Phrases : -----

S-phrases : -----

Water pollution class : 0 (generally non polluting substance)

### **16. OTHER INFORMATION**

The information contained herein is based on the present state of our knowledge. It characterises the product with regard to the appropriate safety precautions. It does not represent a guarantee of the properties of the product.