



SAFETY DATA SHEET

1. IDENTIFICATION OF THE PREPARATION AND OF THE COMPANY

Catalogue No. : S 12129
Product Name : SODIUM ACETATE ANHYDROUS

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 : 127-09-3 EC-Index No. : -----
Molar Mass : 82.03 EC-No. : 204-823-8
Molecular Formula : $C_2H_3NaO_2$

3. HAZARDS INDEX

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

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media : In adaption to materials stored in the immediate neighbourhood.

Special risks : Development of hazardous combustion gases or vapours possible in the event of fire. The following may develop in event of fire : Acetic acid vapours.

Other information : Non-combustible. Contain escaping vapours with water.

6. ACCIDENTAL RELEASE MEASURES

Person-related precautionary measures : Avoid generation of dusts;
do not inhale dusts.

Procedure for cleaning/absorption : Take up dry. Forward for disposal.
Clean up affected area.

7. HANDLING AND STORAGE

Handling : No further requirements.
Storage : Tightly closed.
Storage temperature : No restrictions



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8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

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	:	White
Odour	:	Odourless
pH value at 50 g/l H ₂ O(20° C)	:	7.5 - 9.0
Melting temperature	:	~325° C
Boiling temperature	:	Not available
Ignition temperature	:	Not available
Flash Point	:	Not applicable
Explosion limit lower	:	Not available
upper	:	Not available
Relative vapour density	:	Not available
Density (20° C)	:	153 gm/cm ³
Bulk Density	:	300 -400 kg/m ³
Solubility in Water (20° C)	:	1190 gm/lt.
Ethanol (20° C)	:	Soluble

10. STABILITY AND REACTIVITY

Conditions to be avoided : Heating
Substances to be avoided : Nitrates
Hazardous decomposition products : In the event of fire : Acetic acid vapours.

11. TOXICOLOGICAL INFORMATION

Acute toxicity : LD₅₀ (oral, rat) : 3530 mg/kg;
LD₅₀ (inhalation, rat) : >30 gm/m³/1 h

Further toxicological information :
After skin contact : Slight irritations, mucosal irritations.
After eye contact : Slight irritations.
After swallowing of large amounts : gastrointestinal complaints.
Further data :
The product should be handled with the care usual when dealing with chemicals.



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12. ECOLOGICAL INFORMATION

Biologic degradation : Biological degradability : Good(>70%). Easily eliminable
Ecotoxic effects :

Biological effects : When introduced properly, no impairments in the function of adapted biological waste-water-treatment plants are to be expected.

No ecological problems are to be expected when the product is handled and used with due care & 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 and 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

Labeling according to EC Directives

Symbol : ---
R-phrases : ---
S-phrases : ---

Water pollution class : 0 (generally nonpolluting substance)

16. OTHER INFORMATION

Reason for alteration

General update.

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