



SAFETY DATA SHEET

1. IDENTIFICATION OF THE PREPARATION AND OF THE COMPANY

Catalogue No. : S 20571
Product Name : SEMEN DILUTING FLUID

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

Synonyms : Sodium Hydrogen Carbonate

CAS-No : Ec-Index No. : ----
EC-No. : 205-633-8

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 inhalation : fresh air.
After skin contact : Wash off with water.
After eye contact : Rinse out with plenty of water.
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 : None
Other information : Non-combustible.

6. ACCIDENTAL RELEASE MEASURES

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

7. HANDLING AND STORAGE

Handling : Store protected from solvents.
Storage : Tightly closed. Dry.
Storage temperature : No restrictions.

8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

Respiratory protection : Required when dusts are generated.
Eye Protection : Required
Hand Protection : Required



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

Industrial hygiene : Wash hands after working with substance.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form	:	Liquid
Colour	:	Colourless
Odour	:	Odourless
pH value at 50gm/lt.H ₂ O(20° C)	:	~8.2
Boiling temperature	:	Not available
Ignition temperature	:	Not available
Flash Point	:	Not available
Explosion limit lower	:	Not available
upper	:	Not available
Relative vapour density	:	Not available
Density (20° C)	:	-
Bulk density	:	-
Solubility in Water (20° C)	:	Soluble

10. STABILITY & REACTIVITY

Conditions to be avoided : No information available
Substances to be avoided : No information available
Hazardous decomposition products : No information available

11. TOXICOLOGICAL INFORMATION

Acute toxicity : LD₅₀(oral, rat) : 4220 mg/kg
Further toxicological information : The literature and our own experience have not revealed any hazardous properties.
Further data : Hazardous properties are relatively improbable.

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 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



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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

Change in the chapter on toxicology.
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.