



SAFETY DATA SHEET

1. IDENTIFICATION OF THE PREPARATION AND OF THE COMPANY

Catalogue No. : G 83029
Product Name : D-GLUCOSE ANHYDROUS I.P

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 : Dextrose
CAS-No : 50-99-7
EC-Index No. : -----
Molar Mass : 180.16
EC-No. : 200-075-1
Molecular Formula : $C_6H_{12}O_6$

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.



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4. FIRST AID MEASURES

After eye contact : rinse out with 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: 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 & STORAGE

Handling - No further requirements.

Storage - Tightly closed. Dry. At +15° C to +25° C

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Respiratory protection : Not required

Eye Protection : Required

Hand Protection : Not required



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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 : Wash hands after working with substance.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form	:	Solid
Colour	:	Colourless
Odour	:	Odourless
pH value at 100g/l H ₂ O(20° C)	:	6 - 7
Melting temperature	:	146° C
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	:	Not available
Solubility in Water (20° C)	:	Soluble
Ethanol (20° C)	:	Sparingly soluble
Log P(oct)	:	-3.29



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10. STABILITY AND REACTIVITY

Conditions to be avoided : Strong heating

Substances to be avoided : halogenates, nitrates, permanganates, strong oxidizing agents.

Hazardous decomposition products : No information available.

Further information : Dust explosion possible.

11. TOXICOLOGICAL INFORMATION

Acute toxicity : LD₅₀ (oral, rat) : 25800 mg/kg

Further toxicological information : Naturally occurring substance. Substance which occurs in the human body under physiological conditions. The literature & our own experience have not revealed any hazardous properties.

12. ECOLOGICAL INFORMATION

Behavior environmental compartments: log P(oct): -3.29

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

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 house-hold waste or recycled. There are no uniform EC Regulations for the disposal of chemicals or residues. Chemical residues generally count as special waste. Approved waste disposal companies which will advise you on how to dispose of special waste.



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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)
(own classification)

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.
