



SAFETY DATA SHEET

1. IDENTIFICATION OF THE PREPARATION AND OF THE COMPANY

Catalogue No. : M 11225
Product Name : MALTOSE MONOHYDRATE

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 : Maltose Monohydrate for Microbiology
CAS-No : 6363-53-7
Molar Mass : 360.32 EC-No. : 200-716-5
Molecular Formula : $C_{12}H_{22}O_{11} \cdot H_2O$

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

4. FIRST AID MEASURES : 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 : Water, foam
Special risks : Combustible

6. ACCIDENTAL RELEASE : Take up dry. Forward for disposal. Rinse away remainder with water.



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7. HANDLING AND STORAGE : Handling - No further requirements.
Storage - Tightly closed and dry at room temperature(15° C to 25° C).

8. EXPOSURE CONTROLS/ PERSONAL PROTECTION : Respiratory protection : Not required
Eye Protection : Not required
Hand Protection : Not required

Industrial hygiene : Wash hands after working with substance.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form	:	Solid
Colour	:	White
Odour	:	Odourless
pH value at 50 gm/lt.H ₂ O(20° C)	:	Neutral
Melting temperature	:	Near 160-165° C
Boiling temperature	:	Not available
Ignition temperature	:	Not available
Flash point	:	Not available
Explosion limits Lower	:	Not available
Upper	:	Not available
Relative vapour density	:	Not available
Density	:	Not available
Bulk density	:	Near 320 kg/m ³
Solubility in water (20° C)	:	Feely soluble (slow decomposition)

10. STABILITY AND REACTIVITY

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



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11. TOXICOLOGICAL INFORMATION : No toxic effects are to be expected when the product is handled appropriately.

12. ECOLOGICAL INFORMATION : 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 regulation for the disposal of chemical/residues. Chemical residues generally count as special waste. Approved waste disposal companies which will advise you on how to dispose of special waste.

14. TRANSPORT INFORMATION : not subject to transport regulations.

15. REGULATORY INFORMATION

Labelling according to EC Directives

Symbol :

R-phrases :

S-phrases :



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German regulations:

Water pollution class : 0 (generally nonpolluting substances) (own classification)

16. OTHER INFORMATION

Reason for alteration :

Change in labelling.

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.
