



SAFETY DATA SHEET

1. IDENTIFICATION OF THE PREPARATION AND OF THE COMPANY

Catalogue No. : M 21717
Product Name : METHYL CELLULOSE

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/ DATA ON COMPONENTS:

Chemical characterization: ·

Description: (CAS#)

Methyl cellulose (CAS# 9004-67-5), 100%

3 HAZARDS IDENTIFICATION

Hazard description: Not applicable ·

Information pertaining to particular dangers for man and environment Not applicable

4 FIRST AID MEASURES

After inhalation ·

Supply fresh air. If required, provide artificial respiration. Keep patient warm. Seek immediate medical advice.

After skin contact Immediately wash with water and soap and rinse thoroughly.

Seek immediate medical advice.

After eye contact ·

Rinse opened eye for several minutes under running water. Then consult a doctor.

After swallowing Seek medical treatment.



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5 FIRE FIGHTING MEASURES

Suitable extinguishing agents CO₂, extinguishing powder or water spray. Fight larger fires with water spray.

Special hazards caused by the material, its products of combustion or resulting gases:

In case of fire, the following can be released: Carbon monoxide (CO)

Protective equipment: ·

Wear self-contained respirator.

Wear fully protective impervious suit.

6 ACCIDENTAL RELEASE MEASURES

Person-related safety precautions: Wear protective equipment. Keep unprotected persons away.

Ensure adequate ventilation

Measures for environmental protection: ·

Do not allow material to be released to the environment without proper governmental permits.

Measures for cleaning/collecting: Pick up mechanically. ·

Additional information: ·

See Section 7 for information on safe handling

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

7 HANDLING AND STORAGE

Handling ·

Information for safe handling: ·

Keep container tightly sealed.

Store in cool, dry place in tightly closed containers.

No special precautions are necessary if used correctly.

Information about protection against explosions and fires: ·

No special measures required.

Storage ·

Requirements to be met by storerooms and receptacles: ·

No special requirements.

Information about storage in one common storage facility: ·

Store away from oxidizing agents.



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Further information about storage conditions: ·

Keep container tightly sealed.

Store in cool, dry conditions in well sealed containers.

8 EXPOSURE CONTROLS AND PERSONAL PROTECTION

Additional information about design of technical systems: ·

Properly operating chemical fume hood designed for hazardous chemicals and having an average face velocity of at least 100 feet per minute.

Components with limit values that require monitoring at the workplace: Not required.

Additional information: No data ·

Personal protective equipment ·

General protective and hygienic measures The usual precautionary measures for handling chemicals should be followed.

Keep away from foodstuffs, beverages and feed.

Remove all soiled and contaminated clothing immediately.

Wash hands before breaks and at the end of work.

Breathing equipment: Use suitable respirator when high concentrations are present.

Protection of hands: Impervious gloves ·

Eye protection: Safety glasses ·

Body protection: Protective work clothing.

9 PHYSICAL AND CHEMICAL PROPERTIES

Form: Powder ·

Color: White ·

Odor: Odorless ·

Value/Range Unit ·

Melting point/Melting range: Not determined ·

Boiling point/Boiling range: Not determined ·

Sublimation temperature / start: Not determined ·

Flash point: Not applicable ·

Ignition temperature: Not determined ·

Decomposition temperature: Not determined ·



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Danger of explosion: ·

The material is not explosive but the formation of explosive dust/air mixtures may be possible.

Explosion limits: ·

Lower: Not determined ·

Upper: Not determined ·

Vapor pressure: Not determined ·

Density: Not determined

10 STABILITY AND REACTIVITY

Thermal decomposition / conditions to be avoided: ·

Decomposition will not occur if used and stored according to specifications.

Materials to be avoided: Oxidizing agents ·

Dangerous reactions No dangerous reactions known ·

Dangerous products of decomposition: Carbon monoxide and carbon dioxide

11 TOXICOLOGICAL INFORMATION

Acute toxicity: ·

Primary irritant effect: ·

on the skin: Powder: irritant effect ·

on the eye: Powder: irritant effect ·

Sensitization: No sensitizing effects known. ·

Subacute to chronic toxicity: Extremely large doses may cause gastrointestinal disturbances.

Additional toxicological information: To the best of our knowledge the acute and chronic toxicity of this substance is not fully known.

No classification data on carcinogenic properties of this material is available from the EPA, IARC, NTP, OSHA or ACGIH.

12 ECOLOGICAL INFORMATION:

General notes: Do not allow material to be released to the environment without proper governmental permits.



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13 DISPOSAL CONSIDERATIONS

Recommendation : Consult state, local or national regulations for proper disposal.
Recommendation: Disposal must be made according to official regulations.

14 TRANSPORT INFORMATION

Not a hazardous material for transportation.
DOT regulations: ·
Hazard class: None ·
Land transport ADR/RID
ADR/RID class: None ·
Maritime transport IMDG: ·
IMDG Class: None ·
Air transport ICAO-TI and IATA-DGR: ·
ICAO/IATA Class: None ·
Transport/Additional information: Not dangerous according to the above specifications.

15 REGULATIONS

Product related hazard information's: Observe the general safety regulations when handling chemicals
National regulations ·
Environmental Protection Agency Toxic Substances Control Act
Chemical Substance Inventory.
Information about limitation of use: ·
For use only by technically qualified individuals

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.
