



MATERIAL SAFETY DATA SHEET

1. Material /production and company name

Commerical product name: Microcrystalline Cellulose

CAS:9004-34-6

Contact Information:

Company: Aurora Industry Co.,Ltd.

Address:Room 7033, No.9-1, Haifu Road, Dalian Free Trade Zone, China

Tel:0411-82288674

2. Composition/Information on ingredients

Chemical characterization:

Highly price microcrystalline cellulose

3. Prospective risks

Not applicable

4. First and measures

Inhalation:

move to fresh air

Eyes contact:

rinse with water

5. Fire-fighting measures



Suitable extinguishing agents : water spray, foam, carbon dioxide, dry chemical powder

6. Measures at unintentioned liberation

Not applicable

7. Handling and storage

Handling:

Usual precautionary measures have to be observed when working with all combustible materials containing dusty particles.

Storages:

Protect from moisture and excessive heat. Keep containers closed.

Shelf life stability : 3 years

8. Exposure limit and personal protective equipment

Additional information about the construction of technical equipment:

Avoid blowing of dust.

Protection against electrostatic charge during handling

Personal protective equipment:

Respiratory protection:

mask for nuisance dust (P1)

9. Physical and chemical properties



Hypothetical postulate :

Form: powdery

Colour: white

Odour: odourless

Safety relevant data: Tested in accordance with

PH-value (at 100 g/f H₂O and 20 °C) 5.0-7.5

Thermic decomposition: approx 200 °C

Ignition temperature : approx. 500 °C Godbert-Greenwald

Explosion limits: not applicable

Vapour pressure: not applicable

Density: approx. 1.5 g/cm²

Further indications:

Solubility in water (20 °C) : insoluble

10. Stability and reactivity

Neither dangerous reactions nor dangerous decomposition products have been observed.

11. Information on toxicity

Cellulose is a component of almost all vegetable foods

A subchronic feeding trial with rate for three months showed no signs of harmful effects .



Cellulose is used in large quantities in pharmaceutical for many years and harmful effects have never been reported .

12. Information on ecological effects

Cellulose is an environment-friendly natural product that is ecologically completely harmless.

13. Indication about disposal

Without any problems (landfill, combustion etc.)

14. IMDG This substance is considered non-dangerous goods by International

Martine Dangerous

Goods regulations (IMDG).

DOT

Proper Shipping Name: None

Non-Hazardous for Transport: This substance is considered to be non-hazardous for transport.

IATA Non-Hazardous for Air Transport: Non hazardous for air transport.

The substance has no other dangerous properties.

15. Regulations

Marking according to the hazardous product regulations: not necessary

Water danger classification: 0



16. Further Information

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Not applicable

The given particulars are based on our present knowledge and experiences . However ,a legally binding guarantee of certain properties cannot be derived from our statements .