

Material Safety Data Sheet

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SAFETY DATA SHEET

10/10/2016

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

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24 HOUR EMERGENCY RESPONSE NUMBER : +86-13588052122
For product information: +86-21-65266643

Product Name: CELOCELL 2 H - CELOCELL 5 H - CELOCELL 6 H
CELOCELL 15 H - CELOCELL 30 H - CELOCELL 60 H
CELOCELL 100 H

Issue Date: Apr 03

Use of the substance/preparation

Thickener. Binder. Stabiliser. Film former. Protective colloid.

2. COMPOSITION/INFORMATION ON INGREDIENTS

	CAS	EC No
Hydroxyethyl cellulose >=85.5 %		009004-62-0 Polymer
Cellulose <1.5 %		009004-34-6 Polymer
Dangerous components (see section 16 for complete R-phrases):		
	CAS	EC No
Isopropyl alcohol <3 %	F,Xi; R11-36-	000067-63-0 200-661-7

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3. HAZARDS IDENTIFICATION

This product is not classified as dangerous according to EC criteria.

4. FIRST-AID MEASURES

Never give fluids or induce vomiting if patient is unconscious or is having convulsions.

Inhalation

Move person to fresh air; if effects occur, consult a physician.

Skin Contact

Wash skin with plenty of water.

Eye Contact

Irrigate immediately with water for at least 5 minutes.

Ingestion

Consult a physician who will decide on need and method of emptying the stomach.

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5. FIRE FIGHTING MEASURES

Extinguishing Media

Water fog or fine spray. Carbon dioxide.

Extinguishing Media to Avoid

DO NOT USE WATER JET. Dust explosion hazard may result from forceful application of fire extinguishing agents.

Hazardous Combustion Products

None known. Complete combustion will give carbon dioxide and water.

Protection of Firefighters

Wear positive-pressure self-contained breathing apparatus and protective fire fighting clothing (includes fire fighting helmet, coat, trousers, boots and gloves).

Specific Fire or Explosion Hazards

Dust of this product suspended in air is flammable and poses a definite explosion hazard if ignited.

This product may release residual isopropanol and accumulate flammable vapours in enclosed spaces.

6. ACCIDENTAL RELEASE MEASURES

Methods of Cleaning Up

Sweep up, recover if possible, or dispose of according to applicable regulations. Spills may cause very slippery surfaces when wet.

If the spill is a viscous solution it should be further diluted with water before disposal.

7. HANDLING AND STORAGE

Handling

Fine dust of this product can form explosive mixtures with air and poses a definite fire and explosion hazard at all times; keep away from ignition sources. May cause very slippery surfaces when wet.

Storage

Store in a well ventilated area. This product may release residual isopropanol and accumulate flammable vapours in enclosed spaces.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

Hydroxyethyl cellulose: ACGIH Threshold Limit Value (TLV) is 10 mg/m³ TWA-8 hours total dust; 5 mg/m³ TWA-8 hours respirable.

Isopropyl alcohol: ACGIH Threshold Limit Value (TLV) is 200 ppm TWA-8 hours and Short Term Exposure Limit (STEL) is 400 ppm (skin), A4. The UK Health and Safety Executive have established an Occupational Exposure Standard(OES) of 400ppm 8-hour TWA, 500ppm 15-min STEL.

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Engineering Controls

Good general ventilation should be sufficient.

Personal Protective Equipment

- Respiratory Protection

No respiratory protection should be needed.

- Skin Protection

Gloves should not be needed when handling this material. Consistent with general hygienic practice for any material, skin contact should be minimized.

- Eye/Face Protection

Use safety glasses. Where contact with this material is likely, chemical goggles are recommended because eye contact may cause discomfort even though it is unlikely to cause injury.

 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	: powder
Colour	: white
Odour	: none
Boiling point/range	: not applicable
Freezing point/range	: not determined
Water solubility	: swells in water; no solubility limit
Vapour pressure	: not applicable
Rel. vapour density (air=1)	: not applicable
Specific gravity	: not applicable
pH	: not applicable
LogP (octanol/water)	: not applicable
Flash point	: not applicable
Auto-ignition temp.	: >400 deg.C
Flammability-LFL	: not determined
Flammability-UFL	: not determined

 10. STABILITY AND REACTIVITY

Chemical Stability

Stable under normal handling and storage conditions, see Section 7, Handling and Storage.

Materials to Avoid

Oxidising agents.

 11. TOXICOLOGICAL INFORMATION

Ingestion

Low toxicity if swallowed.

Skin Contact

Essentially nonirritating to the skin. Skin absorption is unlikely due

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to physical properties.

Eye Contact

Essentially non-irritating to eyes. Solid or dust may cause irritation or corneal injury due to mechanical action.

Inhalation

No adverse effects are anticipated from inhalation.

Other Information

Based on available data, repeated exposures are not anticipated to cause significant adverse effects.

12. ECOLOGICAL INFORMATION

Degradation

Despite the very slow biodegradation rate the product should not present an environmental hazard in the water/soil compartment.

Aquatic Toxicity

Modified celluloses are generally non-harmful to aquatic organisms (LC50/EC50/IC50 greater than 100 mg/L).

13. DISPOSAL CONSIDERATIONS

Any disposal practice must be in compliance with all local and national laws and regulations. Customers are advised to check their local legislation governing the disposal of waste materials.

14. TRANSPORT INFORMATION

Product is not classified for any mode of transportation.

15. REGULATORY INFORMATION

EC Classification and User Label Information

This product does not require classification according to the criteria of the Commission of the European Communities.

Remarks: Safety data sheet available for professional users on request.

16. OTHER INFORMATION

Risk-phrases in Section 2

R11 - Highly flammable.

R36 - Irritating to eyes.

R67 - Vapours may cause drowsiness and dizziness.

The information herein is given in good faith and to the best of our knowledge but no warranty, express or implied, is made.