

# Material Safety Data Sheet

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SAFETY DATA SHEET

11/10/2007

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

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YILLONG CHEMICAL GROUP LIMITED      Feilo Edifice Plaza, 6F/602, No 398,  
Yonghe Road, 200072,  
Zhabei District, Shanghai, China,

24 HOUR EMERGENCY RESPONSE NUMBER :      +86-13588052122

For product information:      +86-21-65266643

Product Name:      CELOCELL 350L - CELOCELL 2 H - CELOCELL 5 H  
CELOCELL 6 H - CELOCELL 15 H - CELOCELL 30 H  
CELOCELL 60 H - CELOCELL 100 H

Issue Date: 11/10/2007

Use of the substance/preparation

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

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## 2. COMPOSITION/INFORMATION ON INGREDIENTS

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		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

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

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## 4. FIRST-AID MEASURES

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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

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##### 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.

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#### 6. ACCIDENTAL RELEASE MEASURES

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##### 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.

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#### 7. HANDLING AND STORAGE

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##### 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.

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#### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

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##### Exposure Guidelines

Hydroxyethyl cellulose: ACGIH Threshold Limit Value (TLV) is 10 mg/m<sup>3</sup> TWA-8 hours total dust; 5 mg/m<sup>3</sup> 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.

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**12. ECOLOGICAL INFORMATION**

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**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).

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**13. DISPOSAL CONSIDERATIONS**

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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.

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**14. TRANSPORT INFORMATION**

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Product is not classified for any mode of transportation.

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**15. REGULATORY INFORMATION**

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**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.

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**16. OTHER INFORMATION**

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**Risk-phrases in Section 2**

R11 - Highly flammable.

R36 - Irritating to eyes.

R67 - Vapours may cause drowsiness and dizziness.

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