

# Material Data Safety Sheet

## RightHydro™ Cellulose Gel

The Ingredient House, LLC. urges the customer receiving this Material Safety Data Sheet to study it carefully to become aware of hazards, if any, of the product involved. In the interest of safety you should (1) notify your employees, agents and contractors of the information on this sheet, (2) furnish a copy to each of your customers for the product and (3) request your customers to inform their employees and customers as well.

1. Identification of Substance	
<b>Product:</b>	RightHydro™ Cellulose Gel
<b>Supplier:</b>	The Ingredient House, LLC 293 Olmsted Blvd, Suite 5 Pinehurst, NC 28374 Telephone: 910-235-4491 Fax: 877-542-4844 E-mail: <a href="mailto:support@theingredienthouse.com">support@theingredienthouse.com</a> Web: <a href="http://www.theingredienthouse.com">www.theingredienthouse.com</a>
<b>Product Number:</b>	RHYD-611, RHYD-581, RHYD-591SD

2. Product Identification	
<b>Synonyms:</b>	Cellulose Gel, MicroCrystalline Cellulose and Sodium Carboxy Methyl Cellulose Mixture, Cellulose Gel and Cellulose Gum
<b>CAS No.:</b>	9004-34-6 = MicroCrystalline Cellulose 9004-32-4 = Sodium Carboxy Methyl Cellulose
<b>Molecular Weight:</b>	Varies
<b>Chemical Formula:</b>	$(C_6H_{10}O_5)_x, (C_8H_{11}O_7 Na)_y$

3. Hazards Identification	
<b>Emergency Overview</b>	As part of good industrial and personal hygiene and safety procedure, avoid all unnecessary exposure to the chemical substance and ensure prompt removal from skin, eyes and clothing.
	Accumulation of overhead settled dust may form explosive concentrations in air when disturbed and dispersed.
<b>Potential Health Effects</b>	No significant effects expected.

4. First Aid Measures	
<b>Inhalation:</b>	Not expected to require first aid measures. Treat symptoms and provide fresh air. Get medical advice if irritation develops.
<b>Skin Contact:</b>	Not expected to require first aid measures. Wash exposed area with soap and water. Get medical advice if irritation develops.
<b>Eye Contact:</b>	Not expected to require first aid measures. Wash thoroughly with running water including under eyelids. Get medical advice if irritation develops.
<b>Ingestion:</b>	Not expected to require first aid measures. Drink plenty of water. Never give anything by mouth to and unconscious person. Get medical advice if irritation develops.

5. Fire Fighting Measures	
<b>Explosion:</b>	Accumulation of overhead settled dust may form explosive concentrations in air when disturbed and dispersed. The propagation of flames through air-floated dust takes place usually following a small explosion which shakes down accumulated dust.
<b>Fire Extinguishing Media:</b>	Use any means suitable for extinguishing surrounding fire. Water.
<b>Special Information:</b>	Use protective clothing and breathing equipment appropriate for the

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	surrounding fire.
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## 6. Accidental Release Measures

Maintain good housekeeping practices to minimize accumulation of settled dust, especially on overhead surfaces. Sweep up the spilled material and dispose of in accordance with the waste disposal method outlined in Section 13, "Disposal Considerations".

## 7. Handling and Storage

Use local exhaust or general dilution ventilation to control exposure to dust. To protect quality, store in a tight container in a dry place.

Do not store near hazardous or odorous material.

## 8. Exposure Controls/Personal Protection

<b>Airborne Exposure Limits:</b>	Cellulose.
<b>Personal Respirators (NIOSH Approved):</b>	Whenever dust in the worker's breathing zone cannot be controlled with ventilation, the workers should wear respirators for protection against airborne dust.
<b>Skin Protection:</b>	Not required.
<b>Eye Protection:</b>	Use chemical safety goggles. Maintain eye wash fountain and quick-drench facilities in work area.

## 9. Physical and Chemical Properties

<b>Appearance:</b>	White, to near white, free flowing powder.
<b>Odor:</b>	Odorless.
<b>Solubility:</b>	Water dispersible.
<b>Fat Solubility:</b>	N/A
<b>pH of 2% Solution:</b>	6.0 to 8.0
<b>Melting Point:</b>	N/A
<b>Boiling Point:</b>	N/A
<b>Flash Point:</b>	N/A
<b>Flammability:</b>	N/A
<b>Vapor Pressure:</b>	N/A
<b>Vapor Density (Air = 1):</b>	N/A
<b>Relative Density:</b>	0.55 g/cm <sup>3</sup>
<b>Oxidizing Properties:</b>	N/A

## 10. Stability and Reactivity

<b>Stability:</b>	Stable under ordinary conditions of use and storage.
<b>Hazardous Decomposition Products:</b>	None known.
<b>Hazardous Polymerization:</b>	No information found.
<b>Incompatibilities:</b>	No information found.
<b>Conditions to Avoid:</b>	None known.

## 11. Toxicology Information

<b>Toxicity Data:</b>	Approved for use in food.
<b>Eye Contact:</b>	Non-irritating
<b>Skin Contact:</b>	Non-irritating.
<b>Inhalation:</b>	May cause damage to respiratory system.
<b>Ingestion:</b>	Very low toxicity.
<b>Acute Effects from Overexposure:</b>	No significant hazard in animal toxicity tests.

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<b>Chronic Effects from Overexposure:</b>	No adverse human effects are known.
<b>Carcinogenicity:</b>	No.
<b>Mutagenicity:</b>	No.

## 12. Ecological Information

All data listed below are for MicroCrystalline Cellulose.

<b>Biodegradability:</b>	Biodegradation in soil. Inherently biodegradable.
<b>Ecotoxicological Information:</b>	No information found.

## 13. Disposal Considerations

Whatever cannot be saved for recovery or recycling should be managed in an appropriate and approved waste disposal facility. Processing, use or contamination of this product may change the waste management options. State and local disposal regulations may differ from federal disposal regulations. Dispose of container and unused contents in accordance with federal, state and local requirements.

## 14. Transport Information

Not regulated.

## 15. Regulatory Information

<b>California Proposition 65:</b>	This product does not contain any chemicals currently on the California list of known carcinogens and reproductive toxins.
<b>Canada WHMIS:</b>	Not a controlled product under the Canadian Workplace Hazardous Materials Information Systems (WHMIS).
<b>EU Symbols:</b>	Not classified as dangerous.
<b>EU Risk Phrases:</b>	Not classified as dangerous.
<b>EU Safety Advice Phrases:</b>	Not classified as dangerous.
<b>Additional Regulatory Information:</b>	MicroCrystalline Cellulose and Sodium CarboxyMethylCellulose are Generally Recognized As Safe (GRAS) by the United States Food and Drug Administration.

## 16. Other Information

This document is intended as a general and basic information for properly trained persons understanding of the named products and is not intended to be given as product specifications, descriptions, label, warning, notice, or any other document required by law.

### DISCLAIMER:

The information and recommendations contained in this Material Safety Data Sheet have been compiled from sources believed to be reliable and to represent the most reasonable current opinion on the subject when the MSDS was prepared. No warranty, guaranty or representation is made as to the correctness or sufficiency of the information. The user of this product must decide what safety measures are necessary to safely use this product, either alone or in combination with other products, and determine its environmental regulatory compliance obligations under any applicable federal, state or local laws.

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