

PRODUCT REGULATORY SUMMARY

TICACEL[®] HV POWDER

MANUFACTURER: INGREDION INC.

DATE: 04/09/2021

INCI

Methylcellulose

COMPOSITION

Methylcellulose (CAS No. 9004-67-5)

ALLERGENS

TICACEL[®] HV Powder is not produced using nor expected to contain any of the 26 fragrance allergens listed in Annex III of Regulation (EC) No 1223/2009. Additionally, TICACEL[®] HV Powder is not produced using nor expected to contain any of the common allergens listed below.

- Cereals containing gluten and products thereof
- Crustaceans and products thereof
- Eggs and products thereof
- Fish and products thereof
- Peanuts and products thereof
- Soybeans and products thereof
- Milk and products thereof
- Tree nuts (walnuts, pecans, etc.) and products thereof
- Celery and products thereof
- Mustard and products thereof
- Sesame seeds and products thereof
- Lupin and products thereof
- Mollusks and products thereof
- Monosodium glutamate
- Sulfites at concentrations >10 mg/kg
- Wheat
- Artificial colors
- Safflower oil
- Yeast
- Animal derived material

ANIMAL CONTENT

The origin and source or the raw materials used in the production of TICACEL® HV Powder are entirely botanical or manufactured. This product does not contain any raw materials produced from or derived from animal origin. The manufacturing process does not use any ingredient or animal origin nor is the product expected to come into contact with animal products during storage and transportation.

Therefore, we consider TICACEL® HV Powder to be free of Bovine Spongiform Encephalopathy (BSE) and Transmissible Spongiform Encephalopathy (TSE).

ANIMAL TESTING

Barentz North America LLC does not perform, contract, or participate in animal testing with any of our products. Additionally, TICACEL® HV Powder has not been tested on animals by the manufacturer of this product.

COUNTRY OF ORIGIN

TICACEL® HV Powder is manufactured in Belgium.

CARCINOGENS, MUTAGENS, TOXIC FOR REPRODUCTION (CMR)

TICACEL® HV Powder is not expected to contain any carcinogens, mutagens, or toxic for reproduction (CMR) substances outlined within Annex II of Council Directive 76/769/EEC.

FEEDSTOCK ORIGIN

TICACEL® HV Powder is derived using plant material.

FDA STATUS

Barentz North America LLC is registered with the United States FDA and is therefore subject to unannounced FDA compliance inspections.

FOOD GRADE

TICACEL® HV Powder is Generally Recognized as Safe (GRAS) per 21 CFR §184.1865 when used in accordance with good manufacturing practice and the methoxy content is between 27.5% - 31.5% on a dry-weight basis.

GLUTEN

TICACEL® HV Powder does not contain nor is it expected to come into contact with gluten or products containing gluten.

GLOBAL INVENTORY

To the best of our knowledge, TICACEL® HV Powder is either exempt from or can be found as a positive listing on the chemical inventories listed below.

- Australia— Australian Inventory of Chemical Substances (AICS)
- Canada—Domestic Substances List (DSL)
- China—Inventory of Existing Chemical Substances Produced or Imported in China (IECSC)
- New Zealand— New Zealand Inventory (NZIoC)
- The Philippines— Philippine Inventory of Chemicals and Chemical Substances (PICCS)
- South Korea— Korean Existing Chemicals List (KECI)
- Taiwan— Taiwan Chemical Substance Inventory (TCSI)
- United States— Toxic Substances Control Act Inventory (TSCA)

GENETICALLY MODIFIED ORGANISMS (GMO)

TICACEL® HV Powder is Non-GMO Project verified. Therefore, TICACEL® HV Powder should be considered non-Genetically Modified (nGMO).

Current Non-GMO Project certificate available upon request.

HALAL

Current certificate available upon request.

HEAVY METALS & ELEMENTAL IMPURITIES

None of the toxic elements—Cadmium, Hexavalent Chromium, Lead, or Mercury—are used as raw materials nor deliberately added during the manufacturing process of the product. With this in mind, TICACEL® HV Powder is expected to be free from the above-mentioned toxic elements. Any incidental amount would be expected to be less than 100 parts per million (ppm).

KOSHER

Current certificate available upon request.

LOT CODE

Each production batch of each product manufactured by TIC Gums (Ingredient) is assigned a uniquely identifying lot number, unit number (Bag #, Drum # or Box#), and date of production in month/day/year format.

MELAMINE

TICACEL® HV Powder is not a source for protein, therefore TICACEL® HV Powder should not be considered “at risk” for intentional adulteration with melamine. Melamine is not present as an ingredient, sub-ingredient, processing, or present on a production line at the manufacturing facility.

NANOMATERIAL

The use of nanomaterials or nanotechnology is not utilized during the manufacture of TICACEL® HV Powder.

NUTRITION FACTS

Per 100 grams

Total Fat	Not a dietary source
Saturated Fat	Not a dietary source
Trans Fat	Not a dietary source
Cholesterol	Not a dietary source
Total Carbohydrates (g)	94.0
Dietary Fiber	Not a dietary source
Added Sugars	Not a dietary source
Ash (g)	3.00
Protein	Not a dietary source
Vitamin D	Not a dietary source
Calcium (mg)	32
Iron (mg)	1.00
Potassium (mg)	2.00
Sodium (mg)	135.00
Calories (kcal)	188
*Data obtained from analytical and calculated values and is reported on an "as is" basis.	

PESTICIDE

TICACEL® HV Powder is not expected to contain pesticides.

PROPOSITION 65

TICACEL® HV Powder is not expected to contain any substances known to the State of California to cause cancer, birth defects, or other reproductive harm, at levels which would require a warning under California Proposition 65, Safe Drinking Water and Toxic Enforcement Act of 1986 as of December 18, 2020.

PHthalATES

TICACEL[®] HV Powder and packaging used for this product is not manufactured using phthalates and is not expected to contain phthalates, including, but not limited to, DEHP, DINP, DNOP, DIDP, DBP, and BBP.

SUBSTANCES OF VERY HIGH CONCERN (SVHC)

None of the substances contained in the Candidate List of Substances of Very High Concern (SVHC) as of January 19, 2021 are intentionally used nor added in the manufacture of TICACEL[®] HV Powder. Because the presence of the substances in the Candidate List are not expected under normal conditions, the absence has not been checked by tests.

VEGAN

Because TICACEL[®] HV Powder is manufactured without the use of any ingredients of animal origin, it is considered vegan friendly.

DISCLAIMER

The information contained in this document is based upon data obtained from the manufacturer. This information is offered only as a guide to the handling of this specific material and conditions. The use and handling of this material may require alternate and additional considerations. No representation or warranty of any kind whatsoever is given or implied by Barentz North America LLC with respect to any information contained herein. In no event or circumstance shall Barentz North America LLC be liable for any damages, losses, liabilities or injuries of any kind whatsoever arising from any information contained herein including, without limitation, all indirect, special or consequential damages or losses which may result from the information contained herein.