

**MATERIAL SAFETY DATA SHEET**
**SECTION 01: PRODUCT AND COMPANY IDENTIFICATION**

Product name: **BMS (Bitter Masking System)**  
 Reference Number: **NX 0611**

Supplier: **Nexus Foods Inc.**  
 1155 Rene Levesque O. Suite 2500  
 Montréal, Québec, H3B 2K4

Telephone: **(514) 985-1115**

Material uses: Food grade

Emergency/Information Tel **(514) 985-1115**  
**(Between 8:30 am- 5 pm EDT):**  
 Poison Control Centre 24 hour Tel: **1-800-463-5060**  
**(FOR DANGEROUS GOODS)**

**SECTION 02: COMPOSITION, INFORMATION ON INGREDIENTS**

Ingredient Inulin Powder, Natural Flavors  
 CAS # N.A

**SECTION 03: HAZARDS IDENTIFICATION**

Emergency overview No specific hazard.  
 Routes of entry Ingestion  
 Potential acute health effects Eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present. Continue rinsing.  
 Skin: Wash with plenty of soap and water  
 Inhalation: Dust may cause mechanical irritation to the respiratory tract.  
 Ingestion: Ingestion of excessive amounts may cause temporary osmotic diarrhea.

Potential chronic health **CARCINOGENIC EFFECTS – Not available**  
**MUTAGENIC EFFECTS – Not available**  
**TERATOTENIC EFFECTS – Not available**  
**DEVELOPMENTAL TOXICITY – Not available**

Medical conditions aggravated by overexposure No additional information  
 Over-exposure signs/symptoms No additional information

**SECTION 04: FIRST AID MEASURES**

Eye Contact **IMMEDIATELY** flush eyes with running water for at least 15 minutes, keeping eyelids open. **COLD WATER** may be used. Do not use any eye ointment. Seek immediate medical attention.

Skin Contact Flush skin with plenty of water for at least 15 minutes. Get medical attention if irritation develops.

Inhalation Allow the victim to rest in a well ventilated area. If breathing is difficult, administer oxygen. If the victim is not breathing, perform artificial respiration. Seek immediate medical attention.

Ingestion If large quantities of this material are swallowed, call a physician or local poison control centre immediately. If the victim is conscious, give a little water or milk. **NEVER** give an unconscious person anything to ingest.

Notes to Physician No additional information

**SECTION 05: FIRE FIGHTING MEASURES**

Extinguishing media CO<sub>2</sub>, water mist, foam, or dry extinguishing material.  
 Flammability of the product Non-flammable  
 Auto-ignition Temperature Not applicable  
 Flash Points Not applicable  
 Flammable limits Not applicable

Products of combustion	Not applicable
Fire hazards in presence of various substances	Not applicable
Unsuitable extinguishing media	Not applicable
Explosion hazards in presence of various substances	Risks of explosion of the product in presence of mechanical impact: Not available. Risks of explosion of the product in presence of static discharge: Not available.
Firefighting media and instructions	Dust can combine with air to form an explosive mixture. Use extinguishing media suitable for surrounding fire. Wear NIOSH approved self-contained breathing apparatus (SCBA) when either in confined areas or exposed to combustion products.
Special protective equipment	Not applicable

**SECTION 06: ACCIDENTAL RELEASE MEASURES**

Spill or leak	Use appropriate tools to put the spilled material in a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and dispose of according to federal, provincial and municipal environmental control regulations.
---------------	---

**SECTION 07: HANDLING AND STORAGE**

Handling	Follow routine safe handling procedures.
Storage	Keep container tightly closed. Keep in a cool, dry and well ventilated place. Avoid dust generation. Store away from incompatible materials.

**SECTION 08: EXPOSURE CONTROLS, PERSONAL PROTECTION**

Engineering controls	Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of dusts below their respective threshold limit value. Ensure that eye stations and safety showers are proximal to the work-station location.
Personal protection	Eyes: Safety glasses. Body: Lab coat. Respiratory: If user operations generate dust, fume, mist or if workplace contaminant level is above threshold limit, ensure to use a MSHA/NIOSH approved respirator or equivalent. Hands: Gloves, if necessary. Feet: Safety shoes.

**SECTION 09: PHYSICAL AND CHEMICAL PROPERTIES**

Physical State and Appearance	Solid. (Fine powder).
Odour	Nearly odorless
Color	White
Solubility	Very slightly soluble in water: 1 g/l @ 25°C.

**SECTION 10: STABILITY AND REACTIVITY**

Stability and Reactivity	The product is stable.
Conditions of instability	Hygroscopic (absorbs moisture from the air).
Incompatibility with various substances	Not available.
Hazardous Decomposition Products	Not available.
Hazardous polymerization	Will not occur.

**SECTION 11: TOXICOLOGICAL INFORMATION**

Acute oral toxicity	Not Established
Irritation	Respiratory: Not Established Skin: Not Establisher Eye: Not Establisher
Sensitization	Not Established
Mutagenicity	Not Established
Carcinogenicity	Not listed as a carcinogen by NTP. Not regulated as a carcinogen by OSHA. Not classifiable as to carcinogenicity to human by IARC.
Reproductive toxicity	Not Established

**SECTION 12: ECOLOGICAL INFORMATION**

Toxicity data	LD50: Not available. LC50: Not available.
Chronic effects on humans	No additional information.
Other toxic effects on humans	Food ingredient occurring naturally in significant amounts in the daily diet. No specific toxicology hazards known.
Remarks on toxicity to animals	No additional information.

**SECTION 13: DISPOSAL CONSIDERATIONS**

Waste information	Waste and empty packaging must be disposed of in accordance with federal, provincial, and municipal environmental control regulations. Avoid entry of product into the sewage system or water streams.
Waste stream	<b><u>Consult your local or regional authorities.</u></b>

**SECTION 14: TRANSPORT INFORMATION**

Regulatory Information	Shipping name and Class	UN number	Packing group
TDG Classification	Not regulated under TDG (Canada).	Not applicable	Not applicable

**SECTION 15: REGULATORY INFORMATION**

WHMIS (Canada)	Not a WHMIS controlled material.
DSL (CEPA)	CEPA DSL: All ingredients are listed or exempted. This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations.

**SECTION 16: OTHER INFORMATION**

References	Canadian Guide of the Law and Regulations of the Transportation of the Dangerous Goods, Controlled products regulations. Manufacturer's Material Safety Data Sheet. This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations.
Other special considerations	No additional remark.

Date : 26/01/2021

**Notice to reader**

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness or the information contained herein.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.