

**MATERIAL SAFETY DATA SHEET**

**SECTION 01: PRODUCT AND COMPANY IDENTIFICATION**

Product name: **Cocoonex-20**  
 Reference Number: **NX 0357**  
 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 Carob/ Ceratonia Siliqua/Rice Syrup Solid, Rice Flour, Sunflower Oil

The individual chemical identities of the ingredients of this mixture are considered to be propriety information. Certain hazardous substances which contribute significantly to the hazard of this product are listed above in the ingredient section. There are no additional ingredients present which within the current knowledge of the supplier and in the concentration applicable, are classified as hazardous to health or environment and hence require reporting in this section.

CAS # Not applicable

**SECTION 03: HAZARDS IDENTIFICATION**

Emergency overview No specific hazard.  
 Potential acute health effects Eyes: Exposure to airborne concentrations above statutory or recommended exposure limits may cause irritation of the eyes.  
 Skin: No specific hazard.  
 Inhalation: Exposure to airborne concentrations above statutory or recommended exposure limits may cause irritation of the nose, throat and lungs.  
 Ingestion: No specific hazard.

Potential chronic health CARCINOGENIC EFFECTS – Not available  
 MUTAGENIC EFFECTS – Not available  
 TERATOTENIC EFFECTS – Not available  
 DEVELOPMENTAL TOXICITY – Not available  
 Eye contact: Adverse symptoms may include the following: irritation, redness.  
 Inhalation: Adverse symptoms may include the following: respiratory tract irritation, coughing.  
 Skin: No specific hazard.  
 Ingestion: No specific hazard.

Notes to physician: Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

Protection of first aiders No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth to mouth resuscitation.

**SECTION 04: FIRST AID MEASURES**

Eye Contact IMMEDIATELY flush eyes with running water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Check for

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| Skin Contact       | and remove contact lenses. Seek immediate medical attention if irritation occurs.<br>Flush skin with plenty of water for at least 15 minutes. Remove contaminated clothing and shoes. Get medical attention if irritation develops.   |
| Inhalation         | Remove victim to fresh air and keep at rest in a position comfortable for breathing. If breathing is difficult, administer oxygen. If the victim is not breathing, perform artificial respiration by trained personnel. Seek immediate medical attention. It may be dangerous to the person providing aid to give mouth- to- mouth resuscitation. |
| Ingestion          | If large quantities of this material are swallowed, call a physician immediately. Wash out mouth with water. Remove dentures if any. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person in conscious give small quantities of water to drink.             |
| Notes to Physician | NEVER give an unconscious person anything to ingest.  |

**SECTION 05: FIRE FIGHTING MEASURES**

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| Extinguishing media                            | Dry chemical material.   |
| Unsuitable extinguishing media                 | Do not use water jet.  |
| Specific hazards arising from the chemical     | Fine dust clouds may form explosive mixtures with air.   |
| Hazardous thermal decomposition products       | Decomposition products may include the following materials:<br>Carbon dioxide<br>Carbon monoxide<br>Phosphorus oxides  |
| Special protective actions for firefighters    | Metal oxide/ oxides<br>Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable spray to keep fire exposed containers cool. |
| Special protective equipment for fire fighters | Fire fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.  |

**SECTION 06: ACCIDENTAL RELEASE MEASURES**

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| Spill or leak | Use appropriate tools to put the spilled material in a convenient waste disposal container; dispose of according to federal, provincial and municipal environmental control regulations. |
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**SECTION 07: HANDLING AND STORAGE**

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| 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**

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| Occupational Exposure Limits     | None   |
| Appropriate Engineering Controls | Use only with adequate ventilation. If user operations generate dust, fumes, gas, vapor or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits. The engineering controls also need to keep gas, vapor or dust concentrations below any lower explosive limits. Use explosion-proof ventilation equipment. |
| Environmental Exposure Controls  | Emissions from ventilation or work process equipment should be checked to ensure the comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.  |

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| Eye protection         | Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: safety glasses with side-shields. If operating conditions cause high dust concentrations to be produced, use dust goggles.   |
| Hand protection        | Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated. |
| Body protection        | Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product. Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.  |
| Other skin protection  | Use a properly fitted, particulate filter respirator complying with an approved standard if a risk assessment indicates this is necessary.   |
| Respiratory protection | Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.   |

**SECTION 09: PHYSICAL AND CHEMICAL PROPERTIES**

|                               |                  |
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| Physical State and Appearance | Solid (powder).  |
| Odour                         | Characteristic   |
| Colour                        | Light brown      |
| Solubility                    | Soluble in water |

**SECTION 10: STABILITY AND REACTIVITY**

|                                    |   |
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| Stability and Reactivity           | The product is stable.  |
| Possibility of hazardous reactions | Under normal conditions of storage and use, hazardous reactions will not occur.   |
| Conditions to avoid                | Avoid the creation of dust when handling and avoid all possible sources of ignition (spark or flame). Take precautionary measures against electrostatic discharges. To avoid fire or explosion, dissipate static electricity during transfer by grounding and bonding containers and equipment before transferring material. Prevent dust accumulation. |
| Incompatible materials             | Reactive or incompatible with the following materials: oxidizing materials, acids and alkali.   |
| Hazardous decomposition products   | Under normal conditions of storage and use, hazardous decomposition products should not be produced.  |

**SECTION 11: TOXICOLOGICAL INFORMATION**

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| Acute oral toxicity | Not Established  |
| Irritation          | Respiratory: Inhalation of high concentration of dust may cause a mechanical overburdening of the respiratory system.<br>Skin: Not Established |
| Sensitization       | Eye: Not Established   |
| Mutagenicity        | Not Established  |

|                       |   |
|-----------------------|---|
| Carcinogenicity       | Not Established<br>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**

|                               |   |
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| Toxicity data                 | LD50: Not available.<br>LC50: Not available.      |
| Chronic effects on humans     | No additional information.                        |
| Other toxic effects on humans | No known significant effects or critical hazards. |

**SECTION 13: DISPOSAL CONSIDERATIONS**

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

**SECTION 14: TRANSPORT INFORMATION**

|                               |                                   |                  |                      |
|-------------------------------|-----------------------------------|------------------|----------------------|
| <b>Regulatory Information</b> | <b>Shipping name and Class</b>    | <b>UN number</b> | <b>Packing group</b> |
| TDG Classification            | Not regulated under TDG (Canada). | Not applicable   | Not applicable       |

**SECTION 15: REGULATORY INFORMATION**

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

**SECTION 16: OTHER INFORMATION**

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|------------------------------|--|
| References                   | Canadian Guide of the Law and Regulations of the Transportation of the Dangerous Goods, Controlled products regulations. Manufacturer's Material Safety Data Sheet.<br>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 : 27/01/2021

**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.