



Section 1: Identification

GHS product Identifier : CAROB POWDER
Other means of identification : ROASTED AND GROUND PODS OF THE EVERGREEN TREE
CERATONIA SILIQUAE

Relevant identified uses of the substance or mixture and uses advised against

Food Ingredient and Flavor, Color

Supplier's Details

OliveNation LLC
13 Robbie Road #A4
Avon, MA 02322
617-580-3667

Emergency telephone Numbers (with hours of operation)

617-580-3667, 9 AM - 4 PM EST

Section 2: Hazard identification

OSHA/HCS status

While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.

Classification of the substance or mixture

Not classified.

GHS label elements

Signal word

No Signal word

Hazard statement

No known significant hazard or critical effects

Precautionary Statements

Prevention

Not applicable

Response

Not applicable

Storage

Not applicable

Disposal

Not applicable

Hazards not otherwise classified Not applicable

Section 3: Composition/information on ingredients

Substance/mixture

Single Ingredient

Other means of identification

Not available

CAS number/other identifiers

CAS number

Not applicable



Section 3: Composition/information on ingredients

Product Code	Carob Powder (inv-AYAA)	
Ingredient name	%	CAS number
Carob Powder	100.00	

Any concentration shown as a range is to protect confidentiality or is due to batch variation

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

Occupational exposure limits, if available, are listed in Section 8

Section 4: First aid measures

Description of necessary first aid measures

Eye contact	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation persists.
Inhalation	No known significant effects or critical hazards
Skin contact	No known significant effects or critical hazards.
Ingestion	No known significant effects or critical hazards.

Most important symptoms/effects, acute and delayed

Potential acute health effects

Eye contact	No known significant effects or critical hazards.
Inhalation	No known significant effects or critical hazards.
Skin contact	No known significant effects or critical hazards.
Ingestion	No known significant effects or critical hazards.

Over-exposure signs/symptoms

Eye contact	No known significant effects or critical hazards.
Inhalation	No known significant effects or critical hazards.
Skin contact	No known significant effects or critical hazards.
Ingestion	No known significant effects or critical hazards.



Indication of immediate medical attention and special treatment needed, if necessary

Notes to physician	Treat symptomatically.
Specific Treatments	No Specific treatment
Protection of first aiders	No action shall be taken involving any personal risk or without suitable training.
Ingestion	No known significant effects or critical hazards.

See toxicological information (Section 11)

Section 5: Fire-fighting measures

Extinguishing media

Suitable extinguishing media	Use an extinguishing agent suitable for the surrounding fire.
Unsuitable extinguishing media	None known
Specific hazards arising from chemicals	No Specific fire or explosion hazard
Hazardous thermal decomposition products	No specific data
Special protective actions for fire fighters	No special protection is required
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 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures

For non- emergency personnel	No action shall be taken involving any personal risk or without suitable training. Keep unnecessary personnel from entering. Vacuum or sweep up material and place in a designated, labeled waste container.
For emergency responders	No specialized clothing is required to deal with the spillage. Take note of any information in section 8 on suitable and unsuitable materials.
Environmental precautions	Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (Sewer, waterways, soil or air).

Methods and materials for containment and clean up



Spill Move containers from spill area. Vacuum or sweep up material and place in a designated, labeled waste container. Avoid creating dusty conditions and prevent wind dispersal.

Section 7: Handling and storage

Precautions for safe handling

Protective measures See section 8.

Advice on general occupation hygiene Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands before eating, drinking and smoking. See also Section 8 for additional information on hygiene measures.

Conditions for safe storage, including any incompatibilities : Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

Section 8: Exposure controls/personal protection

Control parameters

Occupational exposure limits

Ingredient name

Exposure limits

Carob Powder

Not applicable

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.

Environmental exposure controls

Emissions from ventilation or work process equipment should be checked to ensure they 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.

Individual protection measures

Hygiene measures : Wash hands thoroughly after handling, before eating, smoking and using the

lavatory and at the end of the working period. Ensure that eyewash stations are close to the workstation location.

Eye/face 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.

Skin protection

Hand protection

No special hand protection necessary.

Body protection

Personal protective equipment for the body should be selected based on the task being performed.

Other Skin Protection

Appropriate footwear and any additional skin protection measures should be selected based on the task being performed.

Respiratory protection

Use a properly fitted, particulate filter respirator complying with an approved standard if a risk assessment indicates this is necessary. 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 9: Physical and Chemical properties

Appearance

Physical state	Powder
Color	Medium brown
Odor	Aromatic, characteristic
Odor threshold	Not available
pH	4.92
Melting Point	Not applicable
Boiling point	Not applicable
Flash point	Not available
Burning time	Not available
Burning rate	Not available
Evaporation rate	Not applicable
Flammability(Solid, gas)	Not applicable
Lower and upper explosive(flammable) limits	Not applicable
Vapor pressure	Not applicable
Vapor density	Not applicable
Relative density	Not available
Solubility	Partial
Solubility in water	Partial
Partition coefficient : n-octanol/water	Not available
Auto-ignition temperature	Not applicable
Decomposition temperature	Not available
SADT	Not available



Viscosity Not applicable

Section 10: Stability and reactivity

Reactivity	No specific test data related to reactivity available for this product
Chemical stability	This product is stable
Possibility of Hazardous reactions	Under normal conditions of storage and use, hazardous reaction will not occur.
Conditions to avoid	No specific data
Incompatible materials	Reactive or incompatible with the following materials : Oxidizing materials
Hazardous decomposition products	Under normal conditions of storage and use, hazardous decomposition products should not be produced

Section 11: Toxicological information

Information of Toxicological effects

Acute toxicity

There is no data available

Irritation/Corrosion

There is no data available

Sensitization

There is no data available

Mutagenicity

There is no data available

Carcinogenicity

There is no data available

Reproductive toxicity

There is no data available

Teratogenicity

There is no data available

Specific target organ toxicity

There is no data available

Aspiration hazard

There is no data available

Information on the likely routes of exposure Dermal contact. Eye contact. Inhalation. Ingestion.

Potential acute health effects

Eye Contact	No known significant effects or critical hazards
Inhalation	No known significant effects or critical hazards
Skin Contact	No known significant effects or critical hazards
Ingestion	No known significant effects or critical hazards

Symptoms related to the physical, chemical and toxicological characteristics

Eye Contact Adverse symptoms may include the following:



	May cause Physical Irritation
Inhalation	Adverse symptoms may include the following: None Known
Skin Contact	Adverse symptoms may include following: None Known
Ingestion	Adverse symptoms may include following: None Known

Short term exposure

Potential immediate effects No known significant effects or critical hazards

Potential delayed effects No known significant effects or critical hazards

Long term exposure

Potential immediate effects No known significant effects or critical hazards

Potential delayed effects No known significant effects or critical hazards

Potential chronic health effects

General No known significant effects or critical hazards

Carcinogenicity No known significant effects or critical hazards

Mutagenicity No known significant effects or critical hazards

Teratogenicity No known significant effects or critical hazards

Developmental effects No known significant effects or critical hazards

Fertility effects No known significant effects or critical hazards

Numerical measures of toxicity

Acute toxicity estimates

There is no data available

Section 12: Ecological information

Toxicity

Non-Toxic

Persistence and degradability

There is no data available

Bio accumulative potential

There is no data available

Mobility in soil

Soil/Water partition

Not available

Coefficient (Koc)

Other adverse effects

No known significant effects or critical hazards

Section 13: Disposal consideration

Disposal methods

The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

Section 14: Transport Information

	DOT Classification	IMDG	IATA
UN number	Note regulated	Not regulated	Not regulated
UN proper shipping name			
Transport hazard class(es)			
Packing group			
Environmental hazards	No	No	No
Additional Information			AERG: Not applicable

Special precautions for users **Transport within user's premises:** always transport in closed containers. Ensure that persons transporting the product know what to do in the event of an accident and spillage.

Transport in bulk according to annex ii of MARPOL 73/78 and the IBC code Not available

Section 15: Regulatory information

U.S. Federal regulations TSCA 8(A) CDR Exempt/Partial exemption: Not determined
United States inventory (TSCA 8b) : Not determined

Clean Air Act Section 112 (b) Hazardous air pollutants (HAPs) Not listed

Clean Air Act section 602 Class I Substance Not listed



Clean Air Act section 602 Not listed

Class II Substance

DEA List I chemical Not listed
(Precursor chemicals)

DEA List II chemical Not listed
(Essential chemicals)

SARA 302/304

Composition/information on ingredients

SARA 304 RQ Unknown

SARA 311/312

Classification Unknown

State regulation's

Massachusetts This material is not listed

New York This material is not listed

New Jersey This material is not listed

Pennsylvania This material is not listed

California Prop. 65

No products were found

International regulation's

International lists

Australia inventory(AICS): Not determined

China inventory(IECSC): Not determined

Japan inventory: Not determined

Korea inventory: Not determined

Malaysia inventory(EHS register): Not determined

New Zealand inventory of chemical (NZIoC): Not determined

Philippines inventory(PICCS): Not determined

Taiwan inventory(CSNN): Not determined

Chemical Weapons Not listed

Convention List Schedules

I Chemicals

Chemical Weapons Not listed

Convention List Schedules

II Chemicals

Chemical Weapons Not listed

Convention List Schedules

III Chemicals

Section 16: Other information

Prepared by OliveNation LLC

Key to abbreviations

ATE	Acute Toxicity Estimate
BCF	Bio Concentration Factor
GHS	Globally Harmonized Systems of Classifications and Labeling of Chemicals
IATA	International Air Transport Association
IBC	Intermediate Bulk Container
IMDG	International Maritime Dangerous Goods
LogPow	Logarithm of the octanol/water partition coefficient
MA POL 73/78	International convention for the Prevention of Pollution From Ships, 1973 as modified by the protocol of 1978 (“Marpol” = marine pollution)
UN	United Nations

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