



Revised: JUL 2022

SAFETY DATA SHEET (SDS) CitraBlend EX

SECTION 1: IDENTIFICATION

CitraBlend EX

Manufacturer - Distributor:

Citrus Extracts LLC
3495 S US Highway 1 Building 12
Ft Pierce FL, 34982

Phone: 772-464-9800

Emergency Phone: 772-464-9800

Recommended Use: Food Ingredient: For human consumption

SECTION 2: HAZARDOUS INGREDIENTS

Cellulosic-based fibers are considered a Nuisance Dust (HE 19) and should be controlled as described under section 8. Not listed as a carcinogen. No National Toxicology Program, IARC, or OSHA involvement is currently recorded.

Emergency Overview

This product contains no known hazardous chemicals. It will burn if placed in a flame. Remove the flame and the material will self-extinguish. It is inert in terms of flash point, flammability, or combustibility.

HMIS Ratings:		NFPA Rating:
Health: 0	Flammability 0	Health: 1
Reactivity 0	Protective Equipment (A) IE. Goggles	Flamm ability: 1
		Reactivity: 0

POTENTIAL HEALTH EFFECTS

ACUTE EYE: None anticipated.
SKIN: None anticipated
INHALATION: None anticipated
INGESTION: Ingestion of large amounts could cause choking.

CHRONIC No chronic health effects are anticipated.



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SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Product/Material: -- Dietary Fiber from Citrus Fiber

Commercial name - Cut Dried CitraFiber™

Ingredient	Composition % by Weight
Crude Fat	N/A
Protein	N/A
Moisture	4.3%
Ash	2.3%
Dietary and Crude Fiber	35%

SECTION 4: FIRST AID MEASURES

First Aid Procedures [mainly applicable to manufacturing the product]

EYE:	Remove the person from the site and into the fresh air. Flush the eyes with plenty of water for at least 15 minutes. If necessary, gently hold the eyelids open during the flush. Obtain immediate medical attention.
SKIN:	Remove the person from the site and into the fresh air. Remove contaminated clothing and shoes. First rinse the affected area with water, then wash with soap and water. If irritation or other symptoms persist, seek medical attention. Launder or discard contaminated clothing.
INGESTION:	Have the victim spit out and/or swallow the ingested particles. If unsuccessful, obtain immediate medical attention. Allow the conscious person to drink one or two cups of water. Do not induce vomiting unless directed to do so by medical personnel. Should vomiting occur, be sure to keep the victim's head below the hips to avoid aspiration of vomitus into the lungs
INHALATION:	Obtain immediate medical attention. Move the victim into the fresh air. If the victim has difficulty breathing, administer oxygen. Administer artificial respiration if the victim is not breathing.

Note to Physician

Material is primarily nuisance dust to be controlled as described in section 8. See a physician if severe reactions occur.



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SECTION 5: FIRE AND EXPLOSION DATA

Fire and Explosive Properties	
Flash Point and Method	>200 deg F [PMCC, ASTM D93]
LEL/ UEL in air	N/ A Product does not generate vapors
Autoignition temperature	No data for the product: The product is thermally stable to at least 250 deg C [482 deg F] by thermal gravimetric analysis.
Known anticipated hazardous combustion products	Oxides of carbon, nitrogen, and sulfur. Other toxic fumes/vapors.
Extinguishing Media	
Control fire with water mist or other media. [e.g., dry chemical, CO2, foam]. Strong streams of water may waft the product particles into the air. Application of sand/ earth may also be appropriate. Materials surrounding the product [e.g., paper, plastic] may burn more readily than the product.	
Fire-fighting Instructions	
Due to the possibility of the evolution of toxic gases, firefighters should wear NIOSH-approved self-contained breathing apparatus and full protective gear. Contain runoff water.	

SECTION 6: ACCIDENTAL RELEASE MEASURES

In case of spill: sweep or vacuum spills for recovery or disposal. Use a mask and goggles for dust. Store in an appropriate container. Dispose of as solid waste, according to local, state, or federations.

SECTION 7: PRECAUTIONS FOR SAFE HANDLING AND USE

Handling
-Wear safety glasses when manufacturing or using the finished product. -After handling wash hands with soap and water. -Do not store near heat or flame.
Storage
-Store in original packaging/keep dry.



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SECTION 8: EXPOSURE CONTROLS PERSONAL PROTECTION

Engineering Controls				
Provide adequate ventilation when manufacturing products or when using large quantities of the finished product.				
Personal Protective Equipment [PPE]				
EYE/FACE	Safety glasses			
SKIN:	None required for normal handling and application			
RESPIRATORY	None required for normal handling and application			
Exposure Guidelines [mg/m ³ unless otherwise indicated]				
Ingredient	OSHA PEL		ACGIH	
	TWA	STEL	TWA	STEL
Product	No data	No data	No data	No data
Note: Neither Granules product contains demonstrable amounts of inhalable dust [+ - 10 microns]. Either form may contain 0 to approx. 0.1% of " nuisance dust [10 to 100 microns]				

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Physical state	Granules: particles ranging from about 1200 to about 3000 microns in size. Powder: approx. 140 microns in size.
Appearance	Off-White
Odor	Odorless
pH	N/A
Vapor pressure	Less than 1 mm @ 20 deg C
Vapor density	Heavier than air
Boiling point	N/A
Freezing/melting point	N/A
Solubility in water	Essentially insoluble
% Volatiles	Approx. 1% [as moisture]
Density (Bulk Index)	Bulk Index: Flake: approx. 545 g/mL; powder: approx. 200 g/mL
VOC content	None



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Section 10: STABILITY AND REACTIVITY

Chemical stability	The product is stable.
Hazardous polymerization	Will not occur
Conditions to avoid	None.
Incompatibility with other materials	Contact with strong acids [e.g., sulfuric, nitric, perchloric] or bases [e.g., sodium or potassium hydroxide]
Hazardous decomposition products	Oxides of carbon, nitrogen, sulfur, and other toxic fumes/vapors

SECTION 11: TOXICOLOGICAL INFORMATION

Acute Effects [expressed as LD50 or other results in animals]

EYE	No data for the product as manufactured should not be an irritant. However, may be a mild irritant, and should be product be ground to fine dust.	
SKIN	No data for the product. Not expected to be an irritant.	
INGESTION	Product or Ingredient	LD50 for rat or another animal
	Product	No data
	Crude fat	>5g/kg
	Protein	>5g/kg
	Moisture	>5g/kg
	Ash	>5g /kg
	Dietary and crude fiber	>5g/kg
INHALATION	See Section 8 for OSHA/ACG IH exposure data.	

Chronic Effects

See Section 3. No other data is available.

Carcinogenicity

No named ingredient is listed as carcinogenic by N.T.P., IARC, or OSHA.

SECTION 12: ECOLOGICAL INFORMATION

There is no data on the effect of this product on aquatic or terrestrial Life forms. The product is expected to be readily biodegradable.



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SECTION 13: DISPOSAL CONSIDERATIONS

Dispose of according to local, state, or federal regulations. Uncleaned containers should be disposed of in the manner as the contents.

SECTION 14: TRANSPORTATION INFORMATION

- DOT [HM 181]: No Classification
- International Transport Classification: as for DOT

SECTION 15: REGULATORY INFORMATION

U.S. Federal Regulations

OSHA STATUS:	Not listed
TSCA STATUS	Ingredients on TSCA inventory
CERCLA REPORTABLE QUANTITY	None
SARA, TITLE III 302 EXTREMELY HAZARDOUS CHEMICALS:	None
SARA, TITLE III 313: TOXIC CHEMICALS:	None

SECTION 16: OTHER INFORMATION

Text, Warnings, or Other Health/Safety Information that Must Appear on Product Label

To the best of our knowledge, the information contained herein is accurate. However, Citrus Extracts, LLC does not assume any liability whatsoever for the accuracy of the information. Citrus Extracts, LLC assumes no legal responsibility for use of or reliance upon these data. It is the user's sole responsibility to judge the suitability of this product. 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.

For Citrus Extracts, LLC

Bill Howe, President
July 15, 2022

