



BULK N A T U R A L O I L S . C O M

JEDWARDS
INTERNATIONAL, INC.

TURMERIC EXTRACT POWDER - 95% CURCUMIN



CERTIFICATE OF ANALYSIS

LOT: 20170213

Description: Orange yellow fine powder with characteristic odor.

Date of Production: February, 2017

Expiration Date: February, 2020

Parameter	Unit(s)	Limits		Results
		Min	Max	
Curcumin	%	95		95.12
Sieve analysis	100% through 80 mesh			Conforms
Loss on drying	%		5.0	0.31
Total Ash	%		10.0	0.01
Bulk Density	g/100mL	40	60	45.56

Shelf life is guaranteed for three years from the date of production if the product is stored in the unopened original container between 15°C - 30°C, protected from light. Containers that have been opened should be tested at least yearly to ensure potency. Although Jedwards International, Inc. believes the above information to be accurate based on the information available to Jedwards, it is the responsibility of the customer and user of the material to perform its own investigation and due diligence prior to use to verify that the product purchased from Jedwards meets their quality requirements and is appropriate for the use to which the product is to be put. The information provided above shall be considered effective only for the lot with which the information is being provided. Use and purchase of this material is subject to Jedwards International, Inc. standard terms and conditions, which supersede any conflicting terms contained on Buyer's purchase order or any document or instrument supplied by Buyer.



SAFETY DATA SHEET

01. IDENTIFICATION

NAME OF PREPARATION OR SUBSTANCE: Turmeric Extract Powder – 95% Curcumin
SUPPLIER NAME: Jedwards International, Inc.
SUPPLIER ADDRESS: 141 Campanelli Drive
Braintree, MA 02184 USA
TELEPHONE NUMBER: (617)472-9300

02. HAZARD IDENTIFICATION

CAUTION: The toxicological properties have not been thoroughly investigated. Exercise due care.

HMIS RATING:
HEALTH: 0 REACTIVITY: 0 FLAMMABILITY: 0
NFPA RATING:
HEALTH: 0 REACTIVITY: 0 FLAMMABILITY: 0

For additional information on toxicity, please refer to section 11.

03. COMPOSITION/INFORMATION ON INGREDIENTS

BOTANICAL NAME: *Curcuma longa L.*
CAS #: N/A
FORMULA: N/A

04. FIRST AID MEASURES

INGESTION: If swallowed, wash out mouth with water provided person is conscious. Call a physician.
INHALATION: In inhaled, remove to fresh air. If breathing becomes difficult, call a physician.
SKIN CONTACT: In case of contact, immediately wash skin with soap and copious amounts of water.
EYE CONTACT: In case of contact with eyes, flush with copious amounts of water for at least 15 minutes. Assure adequate flushing by separating the eyelids with fingers. Call a physician.

05. FIRE FIGHTING MEASURES

FLASH POINT: N/A
FLAMMABILITY: N/A
AUTOIGNITION TEMPERATURE: N/A
EXTINGUISHING MEDIA: Water spray, carbon dioxide, dry chemical powder or appropriate foam.
FIREFIGHTING PROTECTIVE EQUIPMENT: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.



SPECIFIC HAZARD:

Emits toxic fumes under fire conditions.

06. ACCIDENTAL RELEASE MEASURES

PROCEDURE(S) OF PERSONAL PRECAUTION(S):

Exercise appropriate precautions to minimize direct contact with skin or eyes and prevent inhalation of dust.

METHODS FOR CLEANING UP:

Sweep up, place in a bag and hold for waste disposal. Avoid raising dust. Ventilate area and wash spill site after material pickup is complete.

07. HANDLING & STORAGE

HANDLING:

Avoid inhalation. Avoid contact with eyes, skin and clothing. Avoid prolonged or repeated exposure.

STORAGE:

Keep tightly closed in a cool, dry place. Avoid prolonged and repeated exposure.

08. EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS:

Safety shower and eye bath. Mechanical exhaust required. Avoid inhalation.

PERSONAL PROTECTIVE EQUIPMENT:

RESPIRATORY:

Wear dust mask

HAND:

Protective gloves

EYE:

Chemical safety goggles

GENERAL HYGIENE MEASURES:

Wash thoroughly after handling

09. PHYSICAL & CHEMICAL PROPERTIES

PHYSICAL STATE:

Solid

No other information available.

10. STABILITY AND REACTIVITY

STABILITY:

Stable

MATERIALS TO AVOID:

Strong oxidizing agents

HAZARDOUS DECOMPOSITION PRODUCTS:

Carbon monoxide, carbon dioxide

HAZARDOUS POLYMERIZATION:

Will not occur

11. TOXICOLOGICAL INFORMATION

ROUTES OF EXPOSURE:

SKIN CONTACT:

May cause skin irritation

SKIN ABSORPTION:

May be harmful if absorbed through the skin

EYE CONTACT:

May cause eye irritation

INHALATION:

May be harmful if inhaled. Material may be irritating to mucous membranes and upper respiratory tract.

INGESTION:

May be harmful if swallowed



SIGNS AND SYMPTOMS OF EXPOSURE:

To the best of our knowledge, the chemical, physical and toxicological properties have not been thoroughly investigated.

12. ECOLOGICAL INFORMATION

No data available

13. DISPOSAL CONSIDERATIONS

APPROPRIATE METHOD OF DISPOSAL:

Contact a licensed professional waste disposal service to dispose of this material. Dissolve or mix the material with a scrubber. Observe all federal, state and local environmental regulations.

14. TRANSPORT INFORMATION

DOT PROPER SHIPPING NAME:

NON-HAZARDOUS FOR TRANSPORT:

IATA:

None

This substance is considered to be non-hazardous for transport.

Non-hazardous for air transport.

15. REGULATORY INFORMATION

US CLASSIFICATION AND LABEL TEXT:

US STATEMENTS:

US REGULATORY INFORMATION:

SARA LISTED:

CANADA REGULATORY INFORMATION:

WHMIS CLASSIFICATION:

Caution: The toxicological properties have not been thoroughly investigated. Exercise due care.

No

This product has been classified in accordance with the hazard criteria of the CPR, and the SDS contains all the information required by the CPR.

DSL:

NDSL:

LABELING ACCORDING TO EEC-DIRECTIVES:

No

No

None required

16. OTHER INFORMATION

None available

The information provided above is intended only as a guide to the appropriate precautionary handling of the material by properly trained personnel using this product. It is the responsibility of the customer and user to ensure it has in place provisions for the safe and proper handling of the material. Although Jedwards International, Inc. believes the above information to be accurate based on the information available to Jedwards, it is the responsibility of the customer and user of the material to perform its own investigation and due diligence prior to use to verify that the product purchased from Jedwards meets their quality requirements and is appropriate for the use to which the product is to be put. Use and purchase of this material is subject to Jedwards International, Inc. standard terms and conditions, which supersede any conflicting terms contained on Buyer's purchase order or any document or instrument supplied by Buyer.



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Product Specification & Certificate of Analysis

Organic Black Pepper Powder

Product Name Organic Black Pepper Powder	Part Used Pepper	Batch Number ZOBLPPP4694
Botanical Name <i>Piper nigrum</i>	Processing Sun Dried	Manufacture Date 5/1/2020
Appearance & Color Black Speckled Powder	Odor & Taste Characteristic	Retest Date 5/1/2023

Chemical / Physical	Specification	Result	Method
Particle Size	95% Through 60 Mesh	Conforms	60 Mesh Screen
Moisture	< 15%	8.02%	Oven Method

Microbiology

Total Plate Count	< 5,000,000 cfu/g	32,000 cfu/g	AOAC 990.12
Total Yeast & Mold	< 10,000 cfu/g	< 860 cfu/g	APHA CHP 20
Coliforms	< 600 cfu/g	< 10 cfu/g	AOAC 991.14
E.Coli	< 10 cfu/g	< 10 cfu/g	AOAC 991.14
Salmonella	Negative/ 375g	Negative/375g	AOAC 998.09

Ingredients:

Organic Black Pepper.

Origin: Sri Lanka

Packing: 55 lb Bags

Shelf Life & Storage:

Three years if sealed and stored away from sunlight and moisture. Not over 30° C

Certification:

NOP Organic, Kosher, Food Grade, GMO Free

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