



宁波中药制药股份有限公司

NINGBO TRADITIONAL CHINESE PHARMACEUTICAL CORP.

地址：中国浙江省宁波市北仑区元宝山路 525 号（邮编：315806）

Add: No. 525, Yuanbaoshan Road, Beilun District, Ningbo 315806, Zhejiang, P.R. China.

电话 Tel: (+86)574-8749-0999 传真 Fax: 8611-5767 邮箱 Email: sales@ningboherb.com

网址 Website: [HTTP://WWW.ningboherb.com](http://WWW.ningboherb.com)

SAFETY DATA SHEET

Section 1- Company and Product Identification

1.1 Company Identification: Ningbo Traditional Chinese Pharmaceutical Corporation

Address: No.525, Yuanbaoshan Road, Beilun District Ningbo 315806 China.

TEL: 0574-87490999 FAX: 0574-86115767 Post Code: 315806

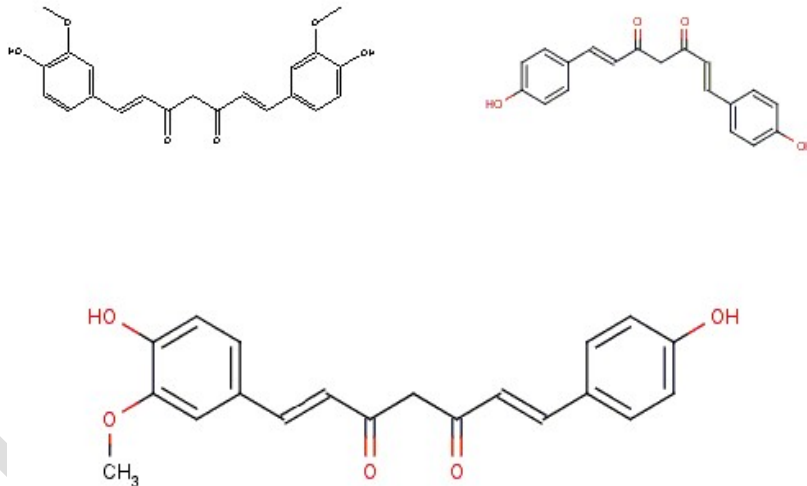
1.2 Product Name: Turmeric root extract 95% Curcuminoids HPLC

1.3 Synonyms (Latin name): *Curcuma longa* L.

1.4 Chemical Formular:

- Curcumin: C₂₁H₂₀O₆
- Demethoxycurcumin: C₂₀H₁₈O₅
- Bisdemethoxycurcumin: C₁₉H₁₉O₄

1.5 Structure Formular:



1.6 Composition:

Total Curcuminoids \geq 95% (HPLC)

(Curcumin + Demthoxy curcumin + Bisdemthoxy curcumin)

Section 2- Hazard Description

2.1 Classification of the substance or mixture: Not a hazardous substance or mixture according to EU Regulations.

2.2 Other hazards: No date.



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Section 3- Composition/Ingredient Date

- 3.1 Chemical characterization: Natural product, botanical.
- 3.2 Description: Orange-yellow powder.
- 3.3 Dangerous components: N/A.

Section 4- First aid measures

- 4.1 General advice: Show this safety date sheet to the doctor in attendance.
- 4.2 Skin contact:
 - 4.2.1 If skin irritation persists, call a physician.
 - 4.2.2 If on skin, rinse well with water containing soda.
 - 4.2.3 If on clothes, remove clothes with water containing soda.
- 4.3 Eyes contact:
 - 4.3.1 Immediately flush eye(s) with plenty of water.
 - 4.3.2 Remove contact lenses.
 - 4.3.3 Protect unharmed eye.
 - 4.3.4 Keep eye wide open while rinsing.
 - 4.3.4 If eye irritation persists, consult a specialist.
- 4.4 Inhalation:
 - 4.4.1 Move to fresh air.
 - 4.4.2 If unconscious place in recovery position and seek medical advice.
 - 4.4.3 If symptoms persist, call a physician.
- 4.5 Ingestion: Daily use without adverse effects.
- 4.6 Most important acute and delayed symptoms/effects: N/A.
- 4.7 Immediate/special treatment:
 - 4.7.1 Continue with first aid measures.
 - 4.7.2 Treat symptomatically and supportively.

Section 5- Firefighting Measures

- 5.1 Suitable extinguishing agents:
 - 5.1.1 CO₂, extinguishing powder & water spray.
 - 5.1.2 Fight larger fires with water spray of alcohol resistant foam.
- 5.2 Protective equipment: No special measures required.

Section 6- Accidental Release Measures

- 6.1 Measures for environmental protection: No special measures required.
- 6.2 Measures for cleaning/collection: No special measures required.
- 6.3 Pick up mechanically avoiding causing a stir.
- 6.4 Additional information: No dangerous substances are released.

Section 7- Handling and Storage



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- 7.1 Information for safe handling: No any effect.
- 7.2 Information about protection against explosions and firms: No special measures required.
- 7.3 Storage: requirements to be met by storerooms and receptacles: Keep container dry.
- 7.4 Information about storage in one common storage facility: Not required.

Section 8- Exposure Controls/ Personal Protection

- 8.1 Additional information about design of technical systems: No further data; see item 7.
- 8.2 Components with limit values that require monitoring at the workplace: The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
- 8.3 Addition information: The lists that were valid during the creation were used as basis.
- 8.4 Personal protective equipment: No requirement.
- 8.5 Breathing equipment: Common mask.
- 8.6 Protection of hands: Not required.
- 8.7 Eye protection: Not required.

Section 9- Physical and Chemical Properties:

- 9.1 Form: Fine powder.
- 9.2 Odor: Characteristic.
- 9.3 Content: Turmeric root extract 95% Curcuminoids HPLC.
- 9.4 Material: 100% natural dried turmeric root.

Section 10- Stability and Reactivity

- 10.1 Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.
- 10.2 Dangerous reactions: No dangerous reactions known.
- 10.3 Dangerous products of decomposition:
- 10.4 No dangerous decomposition products known.

Section 11- Toxicological Information

- 11.1 Acute toxicity: N/A.
- 11.2 Primary irritant effect: Characteristic.
- 11.3 On the skin:
 - 11.3.1 No irritant effect on the skin.
 - 11.3.2 The inhalation of liquid can irritate the respiratory tract.
- 11.4 On the eye: No irritant effect.
- 11.5 Sensitization: No sensitizing effects known.
- 11.6 Additional toxicological information: N/A.
- 11.7 The product is not subject to classification according to the calculation method of the General



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EU Classification Guidelines of preparations as issued in the latest version. When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.

Section 12- Ecological Information:

12.1 Ecotoxicity values: No date.

12.2 Persistence and degradability: The organic part of the products are usually with natural biodegradable.

12.3 Bioaccumulative potential: Low.

12.4 Mobility in soil: No date.

12.5 Other adverse effects: The product is not expected to have a detrimental effect on plants, animals or microorganisms. But without government permission, do not dispose directly into rivers, watercourses or drains.

Section 13- Disposal Considerations

13.1 Product: Offer surplus and non-recyclable products to a licensed disposal company. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber.

13.2 Contaminated packaging: Packaging material should be recycled or disposed of in accordance with federal, state and local regulations.

Section 14- Transport Information

14.1 According to IATA DGR 57th Edition for transportation (Certification No.2015052081). The substance is not subject to IATA DGR. Handling and storage according common goods.

14.2 Shipping note:

During the transportation of a large amount of products by Air, Sea and Road.

Should check whether the container is full, sealed before shipping.

Ensure that the product does not collapse, fall, and not damaged in transport process.

Transportation should prevent insolation and high temperature and water. Avoid rain, polluted, damaged, long-term exposure.

Section 15- Regulatory Information

15.1 Regulations on domestic and foreign laws

15.1.1 Domestic Regulation: Persistent Organic Pollutant Control Act: Not applicable.

15.1.2 Foreign Regulation: American Regulation.

15.1.3 OSHA regulation: No date.

15.1.4 EINECS regulation: No date.

15.1.5 EU Classification code: No date available.

15.2 All existing national regulations must be followed when handle the product and dispose its waste.



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Section 16- Other Information

Legal disclaimer: The above information is believed to be correct but we can not guarantee the absolute universality and accuracy and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regards to appropriate safety precautions. It does not represent any guarantee of the properties of the product the above-named supplier and its Affiliates shall not be held liable for any damage resulting from handling or from contact with the above product.

September 01, 2016.

Date:

Ningbo Traditional Chinese Pharmaceutical Corp.

Company

Mrs. Pingshu Liu

Signature of Authorized Company Representative

Quality Director

Title