

SAFETY DATA SHEET

Red Yeast Rice Powder

SECTION 1 PRODUCT AND COMPANY IDENTIFICATION

Product name: Red Yeast Rice Powder

Company: Zhejiang Sanhe Bio-tech Co., Ltd

Address: Tongda Road, Jiangshan City, Zhejiang Province, 324102, P.R.China

E-mail: info.ryr@zjshsw.com;

Emergency Phone: 0570-4965558; 13706700228

SECTION 2 INFORMATION ON INGREDIENTS

Product name: Red Yeast Rice Powder

Ingredient	Concentration	CAS No.	Molecular Formula
Monacolin K	≥0.1%	75330-75-5	C ₂₄ H ₃₆ O ₅

SECTION 3 HAZARDS IDENTIFICATION

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

Emergency Overview: Maybe irritate to eyes and skin.

SECTION 4 FIRST-AID MEASURES

Skin Exposure: In case of contact, immediately wash skin with soap and copious amounts of water.

Eye Exposure: 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. If irritation persists, call a physician.

Inhalation Exposure; If inhaled, remove to fresh air. If necessary, get medical attention.

Oral Exposure: If swallowed, immediately wash out mouth with water provided person is conscious. Call a physician.

SECTION 5 FIRE FIGHTING MEASURES

Extinguishing Media:

Suitable: Water spray, Dry chemical, Carbon dioxide or appropriate foam.

Firefighting:

Protective Equipment: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

Specific hazards; Emit toxic fumes under fire conditions.

SECTION 6 ACCIDENTAL RELEASE MEASURES

Procedures of Personal Precautions:

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

Methods for cleaning up:

Sweep up with spade and transfer to a dry, clean, lidded container for disposal. Avoid raising dust. Ventilate

area and wash spill site after material pickup is complete.

SECTION 7 HANDLING AND STORAGE

Handling:

Wear appropriate protective clothing and gloves. Avoid breathe dust. Avoid contact with eyes, skin. Avoid prolonged or repeated exposure. Mechanical exhaust required. Keep away from ignition sources, heat and flame. Incompatibilities: strong oxidizing agents and food. No smoking at working site.

Storage:

Store in a cool, well-ventilated area. Keep away from ignition sources, heat and flame. Store in a tightly closed container. Incompatibilities: strong oxidizing agents and food.

SECTION 8 EXPOSURE CONTROL/PPE

Engineering Controls: Use ventilation equipment if available. Safety shower and eye bath.

Personal Protective Equipment:

Respiratory: Government approved respirator if necessary.

Eye: Wear chemical safety goggles if necessary.

Clothing: Wear appropriate protective clothing.

Hand: Wear compatible protective gloves.

Other Protect: No smoking, drinking and eating at working site. Wash thoroughly after handling.

SECTION 9 PHYSICAL/CHEMICAL PROPERTIES

Appearance: Rose red powder

Odor: Weak odor

MP/MP Range: >300°C

Solubility: Weak soluble in water pH: 5-6

SECTION 10 STABILITY AND REACTIVITY

Stability: Stable under normal temperatures and pressures.

Materials to Avoid: Light, Strong oxidizing agents.

Hazardous Decomposition Products: CO, CO₂

Hazardous Polymerization: Will not occur.

SECTION 11 TOXICOLOGICAL INFORMATION

Toxicity Date: Monacolin K: Oral Mouse LD50 >1000mg/kg.

Route Of Exposure: Monacolin K:

Skin Contact: Causes skin irritation.

Skin Absorption: May be harmful if absorbed through the skin.

Eye Contact: Causes eye irritation.

Inhalation: May be harmful if inhaled. Material is irritating to mucous membranes and upper respiratory tract.

Ingestion: May be harmful if swallowed.

Signs and Symptoms of Exposure: Monacolin K: Gastrointestinal disturbances.

Conditions Aggravated by Exposure:

Monacolin K: Active cholesterol-lowering agent interferes with biosynthesis of mevalonic acid.

SECTION 12 ECOLOGICAL INFORMATION

No data available.

SECTION 13 DISPOSAL CONSIDERATIONS

Appropriate Method of Disposal of substance:

Spent or discarded material does not belong to hazardous waste. Contact a licensed professional waste disposal service to dispose of this material. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber. Observe all federal, state, and local environmental regulations.

SECTION 14 TRANSPORT INFORMATION

DOT

Non-Hazardous for Transport: This substance is considered to be non-hazardous for transport.

ADR/RID Class: None

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

IATA

Non-Hazardous for Air transport: Non-hazardous for air

IMO

Non-Hazardous for Sea transport: Non-hazardous for sea transport:

UN Number: None

SECTION 15 REGULATORY INFORMATION

EU Additional Classification:

S: 22-24/25

Safety Statement: Do not breathe dust. Avoid contact with skin and eyes.

SECTION 16 OTHER INFORMATION

Date: Mar.22, 2007

Department: Shanghai Research Institute of Chemical Industry Testing Centre

Tel (Fax): 8621-52815377/52800971/52807275/52811034

Revision: 0

Other Information:

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