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## MATERIAL SAFETY DATA SHEET

### 1 PRODUCT

Name: Hesperidin Methyl Chalcone

Molecular Formula:  $C_{29}H_{36}O_{15}$

Molecular Weight: 624.59

【CAS】 24292-52-2

Appearance: Yellow to orange crystalline powder

### 2 CAUTION

Be used as a kind of Vitamin. Be used to cure the hemorrhage caused by brittleness of blood capillary and assist to cure hypertension.

In normal case it should not cause acute or chronic symptom, or cancer.

Avoid misuse. Keep away from Children.

### 3 FIRST AID MEASURES

Contact with skin: Non-poison, suggest to clean and rinse with soapsuds.

Contact with eyes: Clean and rinse with enough water at once. If irritant headache, consult a doctor.

Swallow: If swallow of large quantity, see a doctor immediately and treat it with a doctor's advise.

### 4 FIRE PREVENTION AND FIGHTING

This product can burn in fire.

The most effective method: apply foam generated by water and carbon dioxide dry powder.

Fire fighting notice: Firemen should wear the equipment helping respiration and approach to the fireplace with cautions. Furthermore, they should know in advance how to remove the container from site and spray with water to lower temperature.

### 5 ACCIDENTAL RELEASE MEASURES

#### PROCEDURE(S) OF PERSONAL PRECAUTION(S)

Wear respirator, chemical safety goggles, rubber boots, and heavy rubber gloves.

#### 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.

### 6 STORAGE

Conditions: Protect from light and keep in well-closed container, at a dry and well-ventilated

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place with temperature less than 25°C.

Indications: Don't be close to dust and fire sources.

Ensure transmission equipment earthed safely.

Use under well-ventilated condition; Avoid absorption and touching with skin, eyes.

Provide dry-proof device for grinding, mixing and drying procedures.

Seal the package after use.

## 7 PROTECTION

Personal Protection: Keep well-ventilated condition.

Wear gauze mask in the place with dense dust, with dust-proof function.

Wear gloves made up of plastics or rubber.

Wear protective work clothes.

Wear safety glasses (dust-proof glasses are preferred)

Other Protections: Disinfect regularly in order to avoid dust accumulation.

## 8 STABILITY

Easy to absorb moisture in the air. Keep dry.

Substances which should be avoided to contact: alkali, oxidant, metal.

## 9 NOTICE ON ENVIRONMENT

Ensure transportation, storage and usage in accordance with relative regulations;

Avoid unfavorable effects on environment.

## 10 TOXICOLOGICAL INFORMATION

### SIGNS AND SYMPTOMS OF EXPOSURE

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

### ROUTE OF EXPOSURE

Skin Contact: May cause skin irritation.

Eye Contact: May cause eye irritation.

Multiple Routes: May be harmful by inhalation, ingestion, or skin absorption.

## 11 ECOLOGICAL INFORMATION

No data available.

## 12 DISPOSAL CONSIDERATIONS

### SUBSTANCE DISPOSAL

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.

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### 13 TRANSPORTATION

Avoid heating, crash and exposure to sunshine and rain.

Maintain its package undamaged.

Don't mix with harmful or poisonous substances, or other pollutants.

### 14 OTHERS

The related laws and regulations should be strictly applied when this product is used in medicines, foods and feed.

The information contained here is furnished without warranty of any kind.

Users should consider these data only as a supplement to other information gathered by them, and must make independent determinations of suitability and completeness of information from all sources to assure the proper use and disposal of these materials, and the safety and health of employees and customers, and the protection of the environment.