

SAFETY DATA SHEET

according to Regulation (EC) No.1907/2006

Version 3.0 Revision Date 03.10.2015

Print Date 9.24.2017

**Material Safety Data Sheet
Hesperidin methyl chalcone msds****Section 1: Identification of the Substance/Preparation and of the Company/Undertaking****Identification of the substance or preparation****1.1 Product identifiers****Product** : Hesperidin methyl chalcone**Name****INCI Name** : Hesperidin methyl chalcone**CAS#** : 24292-52-2**EINECS#** : 246-128-2**REACH No.** : A registration number is not available for this substance as the substance or its uses are exempted from registration, the annual tonnage does not require a registration or the registration is envisaged for a later registration deadline.**1.2 Relevant identified uses of the substance or mixture and uses advised against****Identified uses** : Antioxidant or skin whitening agent in personal care products; Manufacturer of substance**1.3 Details of the supplier of the safety data sheet****Company** : M.C.Biotec Inc.
47-505, Demin, Nantong 226007, China**Tel** : +86-139-13923033**Fax** : +86-10-80115555 ext 441505**E-mail** : mc@mcbiotec.com**Website** : www.mcbiotec.com**1.4 Emergency telephone number****Emergency Phone #** : +86-139-13923033**Section 2: Hazards Identification****2.1 Classification of the substance or mixture**

Not a hazardous substance or mixture according to Regulation (EC) No 1272/2008

Not a hazardous substance or mixture according to EC-directives 67/548/EEC or 1999/45/EC.

2.2 Label elements

The product does not need to be labelled in accordance with EC directives or respective national laws.

2.3 Other hazards - none

Section 3: Composition and Information on Ingredients

Formula : C₂₉H₃₆O₁₅

Molecular Weight : 624.59 g/mol

CAS-No.	EC-No.	Concentration (%)
Hesperidin methyl chalcone		
24292-52-2	246-128-2	100

Section 4: First Aid Measures

4.1 Description of first aid measures

If inhaled

If breathed in, move person into fresh air. If not breathing, give artificial respiration.

In case of skin contact

Wash off with soap and plenty of water.

In case of eye contact

Flush eyes with water as a precaution.

If swallowed

Never give anything by mouth to an unconscious person. Rinse mouth with water.

4.2 Most important symptoms and effects, both acute and delayed

4.3 Indication of any immediate medical attention and special treatment needed

no data available

Section 5: Fire Fighting Measures

5.1 Extinguishing media

Suitable extinguishing media

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

5.2 Special hazards arising from the substance or mixture

Carbon oxides

Nature of decomposition products not known.

Carbon oxides

5.3 Advice for firefighters

5.4	<p>Wear self contained breathing apparatus for fire fighting if necessary.</p> <p>Further information</p> <p>no data available</p>
Section 6: Accidental Release Measures	
6.1	<p>Personal precautions, protective equipment and emergency procedures</p> <p>Avoid dust formation. Avoid breathing vapors, mist or gas.</p>
6.2	<p>Environmental precautions</p> <p>Do not let product enter drains.</p>
6.3	<p>Methods and materials for containment and cleaning up</p> <p>Sweep up and shovel. Keep in suitable, closed containers for disposal.</p>
6.4	<p>Reference to other sections</p> <p>For disposal see section 13.</p>
Section 7: Handling and Storage	
7.1	<p>Precautions for safe handling</p> <p>Provide appropriate exhaust ventilation at places where dust is formed. Normal measures for preventive fire protection.</p>
7.2	<p>Conditions for safe storage, including any incompatibilities</p> <p>Store in cool place. Keep container tightly closed in a dry and well-ventilated place.</p>
7.3	<p>Specific end uses</p> <p>no data available</p>
Section 8: Exposure Controls/Personal Protection	
8.1	<p>Control parameters</p> <p>Components with workplace control parameters</p> <p>Contains no substances with occupational exposure limit values.</p>
8.2	<p>Exposure controls</p> <p>Appropriate engineering controls</p> <p>General industrial hygiene practice.</p> <p>Personal protective equipment</p> <p>Eye/face protection</p> <p>Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).</p> <p>Skin protection</p> <p>Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching</p>

glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices.

Wash and dry hands.

The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.

Body Protection

Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place., The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection

Respiratory protection is not required. Where protection from nuisance levels of dusts are desired, use type N95 (US) or type P1 (EN 143) dust masks. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Section 9: Physical and Chemical Properties

Appearance

Form : Powder

Color : yellow

pH value (1% solution) : no data available

Boiling Point: no data available

Melting Point/freezing point: Melting point/range: 120 °C - dec.

Specific Gravity: Not available.

Vapor Pressure: Not applicable.

Vapor Density: Not available.

Volatility: Not available.

Odor Threshold: Not available.

Water/Oil Dist. Coeff.: Not available.

Ionicity (in Water): Not available.

Solubility in water: Soluble

Section 10: Stability and Reactivity

Stability: Stable under recommended storage conditions.

Instability Temperature: Not available.

Materials to avoid: Strong oxidizing agents

Incompatibility with various substances: Not available.

Special Remarks on Reactivity: Not available.

Special Remarks on Corrosivity: Not available.

Hazardous Decomposition: Carbon monoxide, Carbon dioxide

Polymerization: No.

Section 11: Toxicological Information

Acute toxicity

Oral LD50

no data available

Inhalation LC50

no data available

Dermal LD50

no data available

Other information on acute toxicity

no data available

Skin corrosion/irritation

no data available

Serious eye damage/eye irritation

no data available

Respiratory or skin sensitization

no data available

Germ cell mutagenicity

no data available

Carcinogenicity

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

Reproductive toxicity

Reproductive toxicity-mouse-Oral

Maternal Effects: Parturition.

Specific target organ toxicity - single exposure (Globally Harmonized System)

no data available

Specific target organ toxicity - repeated exposure (Globally Harmonized System)

no data available

Aspiration hazard

no data available

Potential health effects

Inhalation May be harmful if inhaled. May cause respiratory tract irritation.

Ingestion May be harmful if swallowed.

Skin May be harmful if absorbed through skin. May cause skin irritation.

Eyes May cause eye irritation.

Additional Information

RTECS: Not available

Section 12: Ecological Information**Toxicity**

no data available

Persistence and degradability

no data available

Bioaccumulative potential

no data available

Mobility in soil

no data available

PBT and vPvB assessment

no data available

Other adverse effects

no data available

Section 13: Disposal Considerations**Product**

Offer surplus and non-recyclable solutions to a licensed disposal company.

Contaminated packaging

Dispose of as unused product.

Section 14: Transport Information

DOT (US)

Not dangerous goods

IMDG

Not dangerous goods

IATA

Not dangerous goods

Section 15: Regulatory Information

EINECS: This product is on the European Inventory of Existing commercial Chemical Substances.

TSCA INVENTORY STATUS:

This product is excluded pursuant to Section 3(2)(B)(vi) of the Toxic Substances Control Act.

TSCA 12(b) COMPONENTS:

None

SARA 311/312 Hazard categories: None

SARA 313 TOXIC CHEMICALS:

None

SARA 302 EXTREMELY HAZARDOUS SUBSTANCES:

None

CERCLE HAZARDOUS SUBSTANCES:

None

CALIFORNIA PROPOSITION 65 COMPONENTS:

None

Section 16: Other Information

Other Special Considerations: Not available.

Disclaimer

The information above is based on our present knowledge. However, no representation, warranty or guarantee of any kind, express or implied, is made as to its accuracy, reliability or completeness and we assume no responsibility for any loss, damage or expense, direct or consequential, arising out of use. Users should make their own investigations to determine the suitability of

the information for their particular purposes.

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Material Safety Data Sheet

Hesperidin methyl chalcone msds

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Identification of the substance or preparation
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Name

INCI Name : Hesperidin methyl chalcone

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M.C.BIOTEC INC.

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