Botanical Cube Inc.

Room 11401, 14th Floor, Unit 1, Building 1, Moore Center, No. 34 Fenghui South Road,
High-tech Zone, Xi'an City, Shaanxi Province
www.botanicalcube.com | +86 29 8821 8720 | info@botanicalcube.com

MSDS of Fisetin

1 –COMPANY

Manufacturer: Botanical Cube Inc

Add:Room B-20812, Shuzishenghuo, No. 8 Keji 5th Road, 710065 Xi'an, Shaanxi, P.R. China

Tel: 86-29-8821 8720

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2-**PRODUCT INFORMATION DATA**

Trade Name: Fisetin

Specification: 98%

Synonyms:*fustel, 3,7,3',4'-TETRAHYDROXYFLAVONE, 5-Deoxyquercetin, 4H-1-Benzopyran-4-one, 2-(3,4-dihydroxyphenyl)-3,7-dihydroxy-*

EINECS NO. :208-434-4

Form: Yellow to brown crystalline powder

3 – HAZARDS IDENTIFICATION

Target Organs: None.

Potential Health Effects: The toxicological properties of this material have not been investigated. Use appropriate procedures to prevent opportunities for direct contact with the skin or eyes and to prevent inhalation.

4 – FIRST AID MEASURES

Eyes: Rinse eyes with plenty of water. Seek medical advise if necessary.

Skin: Rinse skin with plenty of soap and water while removing contaminated clothing and shoes.

Ingestion: Do not induce vomiting. First rinse mouth and then give to drink plenty of water. Seek medical advice.

Inhalation: Remove from exposure to fresh air immediately.

Notes to Physician: treat symptomatically and supportively.

5 – FIRE AND EXPLOSION HAZARD DATA

Extinguishing Media: N/A.

Protective Equipment: Self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear.

Autoignition Temperature: Not available.

Flash Point: Not available.

Explosion Limits, Lower: Not available.

Upper: Not available.

Further Information: NFPA Rating not published.

6 – SPILL OR LEAK PROCEDURES

Personnel precautions: Use proper personal protective equipment as indicated in Section 8.
Environmental precautions: None
Methods for cleaning up: Sweep up, then place into a suitable container for disposal. Clean up spills, observing precaution in the protective equipment section.

7 – HANDLING AND STORAGE

Handling: Wash thoroughly after handling. Remove contaminated clothing and wash before reuse. Avoid ingestion and inhalation. Avoid contact with eyes and skin.
Storage: Store in a cool, dry place protected from light. Keep container close when not in use .

8 – EXPOSURE CONTROLS, PERSONAL PROTECTION

Exposure Limits:N/A
ACGIH: None listed
NIOSH: None listed
OSHA – FINAL PELs: None listed
OSHA Vacated PELs: None listed
Personal Protective Equipment:
Eyes: Safety glasses and chemical goggles. Splashing is possible.
Skin: Appropriate protective gloves and clothing.

9 – PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Powder
Appearance: Yellow to brown
Odor : Characteristic
Ph : Not available Vapor Pressure: Not available
Vapor Density : Not available
Evaporation Rate: Not available
Viscosity: Not available
Boiling Point: Not available
Melting Point: Not available
Decomposition Temperature: N/A
Solubility: in water
Specific Gravity/Density: Not available
Molecular Formula: N/A
Molecular Weight: N/A

10 – STABILITY AND REACTIVITY

Stability: Stable.
Conditions to Avoid: Incompatible materials, strong oxidants.

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Incompatibilities with other materials: Acids – heavy metal salts.
Hazardous Decomposition Products: Carbon monoxide, carbon dioxide, irritating and toxic fumes and gases.
Hazardous Polymerization: Has not been reported.

11 – TOXICOLOGICAL INFORMATION

RTECS#: N/A
LD50/LC50: I.V. in mice: N/A
Carcinogenicity: Not listed by ACGIH, IARC, NIOSH, NTP, or OSHA.

12 – ECOLOGICAL INFORMATION

Ecotoxicity: Not available.
Behavior and environmental fate: Not available

13 – TRANSPORT INFORMATION

US DOT: No information available
IMO: Not regulated as a hazardous material.
IATA: Not regulated as a hazardous material.
RID/ADR: Not regulated as a hazardous material.
Canadian TDG: No information available.

14 – DISPOSAL CONSIDERATIONS

Dispose of in a manner consistent with federal, state, and local regulations.
RCRA D-Series Maximum Concentration of Contaminants: None listed.
RCRA D-Series Chronic Toxicity reference Levels: None listed.
RCRA F-Series: None listed.
RCRA P-Series: None listed.
RCRA U-Series: None listed.
Not listed as a material banned land disposal according to RCRA.

15 – REGULATORY INFORMATION

Health & Safety Reporting List
None of the chemicals in this product are on the Health & Safety Reporting List.
Chemical Test Rule
None of the chemicals in this product are under Chemical Test Rule.
Section 12b
None of the chemicals are listed under TSCA Section 12b.
TSCA Significant New Use Rule
None of the chemicals in this material have a SNUR under TSCA.
SARA
Section 302 (RQ):

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None of the chemicals in this material have an RQ.
Section 302 (TPQ)
None of the chemicals in this product have a TPQ.
Section 313
No chemical are reportable under Section 313.
lean Air ActThis material does not contain any hazardous air pollutants.
This material does not contain any Class 1 Ozone depletors.
This material does not contain any Class 2 Ozone depletors.
Clean water Act
None of the chemicals in this product are listed as Hazardous Substances under the CWA.
None of the chemicals in this product are listed as Priority Pollutants under the CWA.
None of the chemicals in this product are listed as Toxic Pollutants Under the CWA.
OSHA
None of the chemicals in this product are considered highly hazardous by OSHA.
STATE
California No Significant Risk Level
None of the chemicals in this product are listed.
European/International Regulations
European Labeling in Accordance with EC Directives
Hazard Symbols: Not available.
Risk Phrases: Not available
Safety Phrases: S 24/25 Avoid contact with skin and eyes.
WGK (Water Danger/Protection)
CAS#41451-87-0

16 – ADDITIONAL INFORMATION

The information contained in this document is based on the present state of our knowledge. However we give no warranty for completeness. We would like to point out that this data sheet is mend to be a guide for users but not an ultimate manual. Users should make their own investigations to determine the suitability of the provided information for their particular purposes. In any case the user has to consider current laws and regulations.