

# Jiangsu Khonor Chemicals Co., Limited

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## MATERIAL SAFETY DATA SHEET

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### SECTION 1 Product Identification

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NAME: Smoketree Extract Powder

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### SECTION 2 composition /information on ingredients

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Components:

Fisetin 98% HPLC

CAS No.: 528-48-3

Molecular Formula:  $C_{15}H_{10}O_6$

Molecular Weight: 286.24

### SECTION 3 Hazards Identification

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CAUTION! MAY CAUSE IRRITATIVE TO SKIN, EYES, AND RESPIRATORY TRACT. MAYBE HARMFUL. IF SWALLOWED OR INHALED.

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Health Rating: slight

Flammability Rating: none

Reactivity rating: none

Contact rating: slight

Lab protective equip: lab coat, goggles

Storage color code: (general storage)

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Potential Health Effects

Many of the systemic effects given below were taken from toxicity information for other sulfite:

Inhalation: May cause irritation to the respiratory tract. Symptoms may include coughing and shortness of breath.

Ingestion: Sulfite are slowly and incompletely absorbed when ingested. And seldom result in systemic effects. Such effect, however, have occurred. Symptoms may include vomiting, lethargy, diarrhea, blood chemistry effect. Heart disturbances and central nervous system effects. The toxicity of sulfite is because of hydrolyze into sulfur dioxide when ingested.

SKIN CONTACT: May cause irritation with redness and pain.

EYE CONTACT: May cause irritation, redness and pain.

Chronic exposure: none

Aggravation of Pre-existing conditions

Persons with pre-existing skin disorders or eye problems, jaw/tooth abnormalities, or impaired liver, kidney or respiratory function may be more susceptible to the effects of the substance.



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### SECTION 4 FIRST AID MEASURES

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Inhalation: Remove to fresh air, get medical attention for any breathing difficulty.

Ingestion: Give large of water to drink. Never give anything by mouth to an unconscious person. Get medical attention.

Skin contact: Immediately flush skin with plenty of water for at least 15 minute. Remove contaminated clothing and shoes. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention if irritation develops.

Eye contact: Immediately flush eyes with plenty of water for at least 15 min. lifting upper and lower eyelids occasionally, get medical attention if irritation persists.

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## **SECTION 5 FIRE FIGHTING MEASURES**

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Fire: Not considered to be a fire hazard.

Explosion: Not considered to be an explosion hazard.

Fire extinguishing media: Use any means suitable for extinguishing surrounding fire.

Special Information: in the event of a fire, wear full protective clothing and NIOSH-approved self-contained breathing apparatus with full facepiece operated in the pressure demand or other positive pressure mode.

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## **SECTION 6 ACCIDENTAL RELEASE MEASURES**

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Ventilate area of leak or spill. Wear appropriate personal protective equipment as specified in section 8. sweep up and containerize for reclamation or disposal. Vacuuming or wet sweeping may be used to avoid dust dispersal. Small amount of residue may be flushed to sewer with plenty of water.

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## **SECTION 7 HANDLING AND STORAGE**

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Keep in a tightly closed container. Stored in a cool, dry, ventilated area. Protect against physical damage. Isolate from incompatible substances. Containers of this material may be hazardous when empty since they retain product residues(dust, solids), observe all warnings and precautions listed for the product.

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## **SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION**

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**Airborne exposure limits:** None

**Ventilation System:** In general, dilution ventilation is a satisfactory health hazard control for this substance. However, if conditions of use create discomfort to the worker, a local exhaust system should be considered.

**Personal respirators (NIOSH approved):** For conditions of use where exposure to dust or mist is apparent and engineering controls are not feasible, a particulate respirator (NIOSH type N95 or better filters) may be worn. If oil particles (E.g. Lubricants, cutting fluids, glycerin, etc) are present, use a NIOSH type R or P filter. For emergencies or instances where the exposure levels are not know, use a full face positive pressure, air-supplied respirator. Warning: air-purifying respiration do not protect workers in oxygen-deficient atmosphere.

**Skin protection:** wear protective gloves and clean body-covering clothing.

**Eye Protection:** use chemical safety goggles. Maintain eye wash fountain and quick-drench facilities in work area.

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## **SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES**

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Appearance: Yellow Fine Powder

Odor: Characteristic

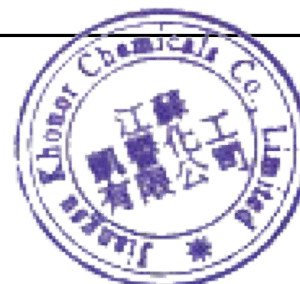
Solubility: Soluble in water.

PH: non found

Volatiles by volume at 21 Celsius degree: none

Boiling Point: no

Melting point: 320° C-325° C



Vapor density: no information

Vapor pressure: mmHg: no information

Evaporation rate: no information

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## **SECTION 10 STABILITY AND REACTIVITY**

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Stability: stable under ordinary conditions of use and storage

Hazardous decomposition products: sulfur or its oxide may form when heated to decomposition.

Hazard polymerization: not occur

Conditions to avoid: no information found

Storage condition: in the room temperature, 15-30°C

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## **SECTION 11 TOXICOLOGICAL INFORMATION**

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no information

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## **SECTION 12 ECOLOGICAL INFORMATION:**

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Environmental fate: no information found

Environmental toxicity: no information found

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## **SECTION 13 disposal considerations**

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Whatever can't be saved for recovery or recycling should be managed in an appropriate and approved waste disposal facility. Processing, use or contamination of this product may change the waste management options. State and local disposal regulations may differ from federal disposal regulation. Dispose of container and unused contents in accordance with federal, state and local requirements.

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## **SECTION 14 TRANSPORT INFORMATION**

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Product not classified as hazardous for transport. No special requirements.

CN\_DG

Not Regulated

ADR

Not Regulated

RID

Not Regulated

IMDG

Not Regulated

IATA

Not Regulated

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## **SECTION 15 REGULATORY INFORMATION**

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Chemical weapons: no

Poison schedule: none

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## **SECTION 16 OTHER INFORMATION**

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NFPA Rating: health: 1 Flammability: 0 Reactivity: 0

Label Hazard warning: Caution! May cause irritation to skin, eyes, and respiratory tract. May be harmful if swallowed or inhaled.

Label precautions: Keep container closed. Use with adequate ventilation, avoid breathing dust.

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