

KOJIC ACID SAFETY DATA SHEET

Revision date: 02-May-2019

1. IDENTIFICATION OF THE SUBSTANCE/TREPARATION AND THE COMPANY/UNDERTAKING

Product name: Kojic Acid

Supplier: IKO Nature Sdn Bhd

Address: 69G, Jalan S2 D34, City Center Seremban 2, Seremban 70300 Negeri Sembilan

Tel: 010-2763169

2.COMPOSITION/INFORMATION ON INGREDIENTS

Components	CAS Number	Weight%	ACGIH Limits:	Exposure	OSHA Exposure Limits:
Kojic acid	501-30-4	99.0%-102.0%	None		None

3.HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: May cause skin irritation and/or dermatitis

Principle routes of exposure:

Inhalation:

Ingestion:

Skin contact:

Eye contact:

Skin

May cause irritation of respiratory tract

May be harmful if swallowed

May cause allergic skin reaction

Avoid contact with eyes

Statements of hazard MAY CAUSE ALLERGIC SKIN REACTION.

Statements of Spill or Leak Label Eliminate all ignition sources. Absorb and/or contain spill with inert materials (e.g., sand, vermiculite). Then place in appropriate container. For large spills, use water spray to disperse vapors, flush spill area. Prevent runoff from entering waterways or sewers.

4. FIRST AID MEASURES

General advice:

Inhalation:

Skin contact:

Ingestion:

Eye contact:

Protection of first aid:

Medical conditions aggravated by exposure:

In the case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

Move to fresh air, call a physician immediately.

Rinse immediately with plenty of water and seek medical advice

Do not induce vomiting without medical advice.

In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

No information available

None known

5. FIRE-FIGHTING MEASURES

Specific hazards:

Special protective equipment for firefighters:

NFPA rating

Burning produces irritant fumes.

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear

Flash point:

Not determined

Autoignition temperature:

Not determined

NFPA Health:

1

NFPA Flammability:

1

NFPA Reactivity:

0

6. ACCIDENTAL RELEASE MEASURES

Personal precautions:

Use personal protective equipment.

Environmental precautions:

Prevent product from entering drains.

Methods for cleaning up:

Sweep up and shovel into suitable containers for disposal

7. HANDLING AND STORAGE

Storage:

ROOM TEMPERATURE

Handling:

Safe handling advice:

Incompatible products:

Use only in area provided with appropriate exhaust ventilation.

Wear personal protective equipment.

Oxidising and spontaneously flammable products

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering measures:

Ensure adequate ventilation.

Respiratory protection:

Breathing apparatus only if aerosol or dust is formed.

Skin and body protection:

Usual safety precautions while handling the product will provide adequate protection against this potential effect.

Eye protection:

Safety glasses with side-shields

Hand protection:

PVC or other plastic material gloves

Hygiene measures:

Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Melting point/range:

No Data available at this time.

Boiling point/range:

No Data available at this time.

Density:

No data available

Vapor pressure:

No data available

Evaporation rate:

No data available

Vapor density:

No data available

Solubility (in water):

No data available

Flash point:

Not determined

Autoignition temperature:

Not determined

10. STABILITY AND REACTIVITY

Stability: Stable under recommended storage conditions.

Polymerization: None under normal processing.

Hazardous decomposition products: Thermal decomposition can lead to release of irritating gases and vapours such as carbon oxides.

Materials to avoid: Strong oxidising agents.

Conditions to avoid: Exposure to air or moisture over prolonged periods.

11. TOXICOLOGICAL INFORMATION

Product information

Acute toxicity

Components	RTECS Number:	Selected LD50s and LC50s
Kojic acid	OQ1754541	Not Determined

Chronic toxicity:

Local effects:

Specific effects:

Primary irritation:

Carcinogenic effects:

Mutagenic effects:

Reproductive toxicity:

Chronic exposure may cause nausea and vomiting, higher exposure causes unconsciousness.

Symptoms of overexposure may be headache, dizziness, tiredness, nausea and vomiting.

May include moderate to severe erythema (redness) and moderate edema (raised skin), nausea, vomiting, headache.

No data is available on the product itself.

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12. ECOLOGICAL INFORMATION

Mobility:

No data available

Bioaccumulation:

No data available

Ecotoxicity effects:

No data available

Aquatic toxicity:

May cause long-term adverse effects in the aquatic environment.

Components	U.S. DOT –Appendix B – Marine Pollutants	U.S. DOT –Appendix B – Severe Marine Pollutants	United Kingdom – The red List:
Kojic acid	Not Listed	Not Listed	Not Listed

Components	Germany VCI (WGK)	World Health Organization (WHO) – Drinking Water	Ecotoxicity – Fish Species Data
Kojic acid	Not Listed	Not Listed	Not Listed

Components	Ecotoxicity – Freshwater Algae Data	Ecotoxicity Microtox Data	Ecotoxicity – Water Flea Data
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Kojic acid	Not Listed	Not Listed	Not Listed
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Components	EPA – ATSDR Priority List	EPA – HPV Challenge Program Chemical List	California – Priority Toxic Pollutants
Kojic acid	Not Listed	Not Listed	Not Listed

13. DISPOSAL CONSIDERATIONS

Waste from residues/unused products:

Waste disposal must be in accordance with appropriate Federal, State and local regulations. This product, if unaltered by use, may be disposed of treatment at a permitted facility or as advised by your local hazardous waste regulatory authority. Residue from fires extinguished with this material may be hazardous.

Contaminated packaging:

Do not re-use empty containers.

14. TRANSPORT INFORMATION

UN/Id No: Not regulated

DOT

Proper shipping name: Not Regulated

TGD(Canada)

WHMIS hazard class: Non - controlled

IMDG/IMO

IMDG – Hazard Classifications Not Applicable

Components	U.S. DOT –Appendix A Table 1 – Reportable Quantities
Kojic acid	Not Listed

Components	U.S. DOT –Appendix B – Marine Pollutants	U.S. DOT –Appendix B – Severe Marine Pollutants
Kojic acid	Not Listed	Not Listed

IMO – labels:

15. REGULATORY INFORMATION

International Inventories

Components	Inventory – United States TSCA – Canada DSL Inventory List - Sect.8(b)
Kojic acid	Not Listed

U.S. regulations:

Components	California proposition 65 -	Massachusetts Right to Know List:	New Jersey Right to Know List:	Pennsylvania Right to Know List:
Kojic acid	501-30-4	Not Listed	Not listed	Not listed

Components	Florida substance List:	Rhode Island Right to Know List:	Illinois – Toxic Air Contaminants	Connecticut – Hazardous Air
Kojic acid	Not Listed	Not Listed	Not listed	Not listed

Components	SSARA 313 Emission reporting/Toxic Release of Chemicals	CERCLA/SARA – Section 302 Extremely Haz	NTP:	IARC:
Kojic acid	501-30-4	Not Listed	Not listed	Not listed

16. OTHER INFORMATION

Prepared by: Health & Safety

Disclaimer: The information and recommendations contained herein are based upon tests believed to be reliable.

End of safety data sheet

