

MATERIALS SAFETY DATA SHEET

1. Identification of substance/preparation, and of company/undertaking

Identification of the product

Product name: Kusuri Klay 1kg, 3kg, 25 kg

Manufacturer/supplier name

Company: Kusuri Products Ltd, Unit 12, Wentworth Road, Daneheath Business Park
Heathfield Industrial Estate, Newton Abbot, Devon, TQ12 6TL, United Kingdom.
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2. Composition/information on ingredients

Chemical characterisation

Organic solid powder

Product name: Kusuri Klay

CAS number: not assigned

EINECS:

Refined product food grade purification - Montmorillonite clay.

3. Hazards identification

No specific risks. Non hazardous

4. First aid measures

Eye contact: irrigate thoroughly with water. Seek medical attention.

Inhalation: remove to fresh air. Seek medical advice if symptoms persist.

Skin contact: wash off skin thoroughly with water and soap. Seek medical attention.

Ingestion: rinse mouth with water. Do not drink more than sufficient to alleviate discomfort. Seek medical advice.

5. Fire fighting measures

Special risks

No special requirements.

Suitable extinguishing media

Water or dry powder.

6. Accidental release measures

Wear gloves and goggles. Avoid creating dust. Wash hands after use. Will not harm environment. Collect bulk material, and bag for disposal. Wash remaining product to drain.

7. Handling and storage

Handling

Prevent eye and skin contact with loose powder. Wear gloves and goggles. Avoid creating dust. Wash hands immediately after use. Keep out of reach of children.

Storage

Store in a cool place, temperatures between 5 C and 35 C. Keep tightly closed, and avoid heat and humidity. Store in paper or plastic. Avoid metal for long-term storage.

8. Exposure controls and personal protection

UK exposure limits: none assigned.

Personal protection equipment

Respiratory: wear suitable mask, if exposed to dust.

Ventilation: general ventilation.

Hands: wear gloves if handling dry powder, and long-term contact with product in solution.

Eye protection: wear goggles, if exposed to dust.

Other: do not allow product to come into contact with food preparation areas.

9. Physical and chemical properties

General information

Form: solid powder

Colour: off-white / grey

Odour: none

Health and safety information

Melting point: not available

Boiling temperature: not available

Density: 1.0 +/- 5%

Solubility in water: not soluble

<u>Solubility in solvent:</u>	slight, but soluble in acids
<u>pH value:</u>	not available
<u>Flash point:</u>	no data
<u>Decomposition temperature:</u>	no data

10. Stability and reactivity

No known hazardous reactions. Avoid acids and biocides.

11. Toxicological information

After inhalation: shortness of breath. Prolonged exposure can cause allergic response in sensitive persons.

After eye contact: inflammation.

After skin contact: mild dermatitis, and reddening of the skin, can develop after prolonged contact in very sensitive persons.

After ingestion: irritation to the digestive tract, which may lead to nausea and diarrhoea.

This product should be handled with the usual care, as when dealing with all powders.

We have no evidence of carcinogenic effects.

We have no evidence of either mutagenic or teratogenic effects.

The mineral base is non-toxic & non flammable

12. Ecological information

The powder substrate is partially biodegradable. The product will improve the quality of water in aquatic ecosystems.

13. Disposal considerations

Substance

Sweep up into plastic or paper containers, for re-use or disposal. Wash remaining product to drain. Contact your local waste disposal authority for further advice, or pass on to a chemical disposal company.

Container

Store in dry conditions, in paper or plastic containers.

14. Transport information

None assigned.

15. Regulatory information

Labelling according to EC directives

Symbol: none assigned

R-phrases: none assigned

S-phrases: none assigned.

EC number: none assigned

Local regulations

Within the UK, the use of this material must be assessed under the Control of Substances Hazardous to Health Regulations (COSHH).

16. Other information

The material is usually used for enhancing the biological activity of waste water treatment plants, and aquatic ecosystems and organic oil purification

Other sources of information, and current legislation, can be found in: -

Health and Safety at Work Act 1974

Control of Substances Hazardous to Health (COSHH) Regulations 1998

H.S.E. Guidance Note EH40 (Occupational Exposure Limits)

Manual Handling Operations Regulations 1992

The information contained herein is based upon the present state of our knowledge, and does not therefore guarantee certain properties. This data sheet does not constitute the user own assessment of workplace risk, as required under other Health and Safety legislation. Recipients of our products must take responsibility for observing existing laws and regulations. This safety data sheet, and information contained herein, is offered in good faith as being correct. However, no warranty, express or implied, is made.

Revision date

1st November 2007