

# MATERIALS SAFETY DATA SHEET

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

### *Identification of the product*

**Product name:** Eco Pure 1.25kg, 3kg, 11kg

### *Manufacturer/supplier name*

**Company:** Kusuri Products Ltd, Unit 12, Wentworth Road, Daneheath Business Park,  
Heathfield Industrial Estate, Newton Abbot, Devon, TQ12 6TL, United Kingdom.  
Tel.: +44 (0) 1626 836600 Fax.: +44 (0) 1626 836700 Emergencies: +44 (0) 1626 836600

## 2. Composition/information on ingredients

### *Chemical characterisation*

Organic solid

Product name: Eco Pure

CAS number: not assigned

EINECS: not assigned

Class 1 Microbial complex, enzymes, & biofixed carrier powders

## 3. Hazards identification

No hazards , No specific risks.

## 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 if required

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**

**9.**

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: white

Odour: none

### *Health and safety information*

Melting point: not available

Boiling temperature: not available

<u>Density:</u>	1.0 +/- 5%
<u>Solubility in water:</u>	partially soluble
<u>Solubility in solvent:</u>	slight, but soluble in acids
<u>pH value:</u>	not available
<u>Decomposition temperature:</u>	active ingredients decompose at temperatures > 40 C

## 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 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 chemicals.

We have no evidence of carcinogenic effects.

We have no evidence of either mutagenic or teratogenic effects.

The mineral base is non-toxic salt. The microorganisms are all saprophytes.

## 12. Ecological information

Will degrade dead organic matter. Will enhance activity in composting, and waste water treatment plant. The 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.

**Active ingredients are activated by moisture. Keep humidity below 2%.**

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*

1<sup>st</sup> November 2007

