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GeeJay Chemicals Ltd.

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PRODUCT INFORMATION SHEET

SILICA GEL sachets, 10 gram non-indicating

10 gram SILICA GEL sachets, non-indicating are made from a sachet material which is a heat sealable tea-bag paper and contain 100% non-indicating SILICA GEL (white)

Specification

SILICA GEL - the Silica Gel used in the sachets conforms to
BS 2540:1991 Granular desiccant silica gel

SACHET - the sachet material is a heat-sealable plain paper made from a blend of high quality manila hemp, cellulose and thermoplastic fibres, with a weight of 25 gsm.

The sachet is approximately 60 x 82 mm in size and contains, when made, 10 gram +/-0.5 gram Silica Gel

The sachet is printed SILICA GEL
DO NOT EAT

Packaging - depending on quantity the sachets are packed in polythene bags and then into cartons/plastic pails/metal drums.

10GSACH.WHI 3.00

The above represents our standard sachet of this size/type variations on the specification can be manufactured if required



Directors: G.J. Covington, B.Sc., C. Chem., M.R.S.C., A.R. Covington, R. Covington, B.Sc.

Registered Office: Brighton House, 99 High Street, Biggleswade, Beds.

Registered in England No. 1056786

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MATERIAL SAFETY DATA SHEET

1. Identification of Substance/preparation: **SILICA GEL**

Company Identification: as above

2. Chemical composition: synthetic, amorphous silica

Formula: SiO_2

CAS No: 7631-86-9

EINECS: 231-545-4

Risk phrases: **NONE**

Classification/Symbol: **NONE**

3. Hazards Identification: The product is very adsorbent and may have a drying effect on skin and eyes. Any dust could be a nuisance. Evolves heat on contact with water.

4. First Aid Measures:

1. After inhalation: remove to fresh air
2. After skin contact: wash with water
3. After eye contact: flush with water, if irritation persists seek medical advice
4. After ingestion: give water to drink, seek medical advice

5. Fire Fighting Measures:

1. Products of combustion: **NONE**
2. Fire fighting procedures/extinguishing media: not applicable
unused material will not burn

6. Accidental Release Measures:

1. Personal Protection: respiratory protection if dusty
2. Environmental Protection: **NONE**
3. Methods for cleaning up: sweep up, avoid raising dust

7. Handling and Storage:

1. Precautions during handling: avoid raising dust, vacuum up
dust sources
2. Precautions during storage: store in sealed containers

8. Exposure Controls/Personal Protection

1. General - respiratory: dust mask
- hand: gloves
- eye: goggles
- skin: overall

2. Exposure Limits

Synthetic Amorphous Silica - OES 8hr TWA
Total inhalable dust 6 mg/m^3
Respirable dust 2.4 mg/m^3



Directors: G.J. Covington, B.Sc., C. Chem., M.R.S.C., B.H. Covington, H. Covington, B.Sc.

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9. Physical and Chemical Properties
Appearance - white granules
Odour - NONE
pH - 3.5 as a suspension 100g/l water
Solubility - insoluble in water and solvents
Boiling Point/Melting Point - not applicable
Flammability/Flash Point - not applicable
10. Stability and Reactivity
Stability - stable
Conditions/materials to avoid - evolves heat in contact with water
11. Toxicological information: NON TOXIC
Acute toxicity - oral LD₅₀ 10,000 mg/kg rat
- dermal LD₅₀ 5,000 mg/kg rabbit
- inhalation LC₅₀ 0.139 mg/l/14h rat
12. Ecological/Biological Information
Amorphous Silica is chemically and biologically inert. It is not degradable. By its insolubility in water there is a separation at every filtration and sedimentation process.
13. Disposal Considerations
Disposal according to national and local regulations.
Approved landfill
14. Transport Information
Not dangerous goods according to the transport regulations of UK Road, RID-ADR, IMO, MARPOL, ICAO
15. Regulatory Information
It is not a dangerous substance according to EC Directive 67/548/EEC (Classification, Packaging and Labelling of Dangerous Substances) as last amended
It is not classed as a dangerous substance by the Chemicals (Hazard Information and Packaging) Regulations 1999
16. Other Information
As with any material general industrial hygiene and housekeeping standards should be observed.

This information is given in good faith and is based on information supplied by manufacturers of the material indicated. The suitability of the product for any particular use is not suggested or implied. The data does not constitute a specification and any properties shown are not guaranteed.

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