



Material Safety Data Sheet

Molecular sieve

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

Identification of the substance or preparation

Product name : Molecular sieve
Trade name : LIHUA
Use of the substance/preparation : Desiccant, Adsorbent

Company/undertaking identification

Supplier/Manufacturer: PINGXIANG LIHUA PACKING CO., LTD.
Ceramic Industrial Zone, Pingxiang City
Jiangxi Province, P.R. China
Tel./Fax: +86-799-6886563
E-mail: admin@pxhuihua.com.cn

Emergency telephone number: +86-799-6886563

2. Composition/information on ingredients

Substance/preparation : Preparation

Within the present knowledge of the supplier, this product does not contain any hazardous ingredients in quantities requiring reporting in this section, in accordance with EU or national regulations.

3. Hazards identification

The preparation is not classified as dangerous according to Directive 1999/45/EC and its amendments.

Classification : Not classified.

See section 11 for more detailed information on health effects and symptoms.

4. First-aid measures

First-aid measures

Eye contact: Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 20 minutes. Get medical attention immediately.

Skin contact: In case of contact, immediately flush skin copiously with water for at least 15 minutes while removing contaminated clothing and shoes. Get medical attention immediately.

Inhalation: If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention immediately.

Ingestion: Do not induce vomiting. Never give anything by mouth to an unconscious person.

Get medical attention immediately.

Protection of first-aiders : No action shall be taken involving any personal risk or without

suitable training.

See section 11 for more detailed information on health effects and symptoms.

5. Fire-fighting measures

Extinguishing media

Suitable: Use an extinguishing agent suitable for the surrounding fire.

Not suitable: None known.

Special exposure hazards: No specific hazard.

Hazardous thermal: Some metallic oxides.

decomposition products

Special protective

equipment for fire-fighters: Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

6. Accidental release measures

Personal precautions: Immediately contact emergency personnel. Keep unnecessary personnel away. Use suitable protective equipment.

Environmental precautions: Avoid dispersal of spilled material, runoff and contact with soil, waterways, drains and sewers.

Methods for cleaning up : If emergency personnel are unavailable, vacuum or carefully scoop up spilt material and place in an appropriate container for disposal by incineration. Avoid creating dusty conditions and prevent wind dispersal.

7. Handling and storage

Handling: Wash thoroughly after handling.

Storage: Keep container tightly closed. Keep container in a cool, well-ventilated area.

Packaging materials

Recommended : Use original container.

8. Exposure controls/personal protection

Exposure limit values: Not available.

Recommended monitoring

Procedures: If this product contains ingredients with exposure limits, personal, workplace atmosphere or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment. Reference should be made to European Standard EN 689 for methods for the assessment of exposure by inhalation to chemical agents and national guidance documents for methods for the determination of hazardous substances.

Exposure controls

Occupational exposure

Controls: No special ventilation requirements. Good general ventilation should be sufficient to control airborne levels. If this product contains ingredients with exposure limits, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure below any recommended or statutory limits

Eye protection: Safety glasses.

Skin protection: Lab coat.

Respiratory protection: A respirator is not needed under normal and intended conditions of product use.

Hand protection: Disposable vinyl gloves.

Hygiene measures: Wash hands, forearms and face thoroughly after handling compounds and before eating, smoking and using the lavatory and at the end of the day. During formulation, follow good industrial hygiene practice.

Environmental exposure

Controls : Emissions from ventilation or work process equipment should be

checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels

9. Physical and chemical properties

General information

Appearance

Physical state: Solid. (Ball & Cylindrical shape.)

Colour: Light brown.

Odour: Odourless.

Important health, safety and environmental information

Melting point: Weighted average: 2109.99°C (3830°F)

Relative density: 0.68 (Water = 1)

Solubility: Insoluble in cold water, hot water.

10. Stability and reactivity

Stability : The product is stable.

Materials to avoid : Reactive with oxidizing materials, moisture and acids.

11. Toxicological information

Potential acute health effects

Inhalation : No known significant effects or critical hazards.

Ingestion : No known significant effects or critical hazards.

Skin contact : No known significant effects or critical hazards.

Eye contact : No known significant effects or critical hazards.

Potential chronic health effects

Carcinogenicity : No known significant effects or critical hazards.

Mutagenicity : No known significant effects or critical hazards.

Reproductive toxicity : No known significant effects or critical hazards.

Over-exposure signs/symptoms

Inhalation: No known significant effects or critical hazards.

Skin: No known significant effects or critical hazards.

Ingestion: No known significant effects or critical hazards

Target organs: Contains material which causes damage to the following organs: lungs, mucous

membranes, upper respiratory tract, skin, eye, lens or cornea.

12. Ecological information

Persistence/degradability

Mobility : Not available.

13. Disposal considerations

Methods of disposal: The generation of waste should be avoided or minimized wherever possible. Avoid dispersal of spilled material, runoff and contact with soil, waterways, drains and sewers. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional and local authority requirements.

Hazardous waste: Within the present knowledge of the supplier, this product is not regarded as

hazardous waste, as defined by EU Directive 91/689/EEC.

14. Transport information

Regulatory information

UN/ IMDG/ IATA / ADNR/ADR: This product is not a kind of dangerous item according to << INO IMDG CODE>>

15. Regulatory information

EU regulations

Risk phrases: This product is not classified according to EU legislation.

Product use: Classification and labelling have been performed according to EU Directives 67/548/EEC and 1999/45/EC (including amendments) and the intended use - Industrial applications.

16. Other information

Notice to reader

To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.