



EuroSiv

3A Molecular Sieve Desiccant

IDENTIFICATION OF THE SUBSTANCE

Chemical Name: Eurosiv Adsorbent
 Product Type: Molecular Sieve Adsorbent
 Supplier: Thermosteal Group Ltd
 Gavin Way, Nexus Point,
 Birmingham
 B6 7AF.
 Tel: +44 121 331 3950

HAZARDS IDENTIFICATION

Not classified as hazardous according to Directive 1999/45/EC as amended. When first wetted, the product can heat up to the boiling point of water. Flood with water to cool material. Repeated or prolonged exposure may irritate eyes, skin, and respiratory system. Repeated and prolonged inhalation of silica in the form of quartz from occupational sources may cause risk to health.

FIRST AID MEASURES

General Advice: This item is a molecular sieve desiccant and generates heat as it adsorbs water. Symptomatic treatment is advised. The used product can contain material of a hazardous nature. Identify that material and treat symptomatically.

Ingestion: Immediately give large volumes of water to drink. If symptoms persist, call a physician.

Eye Contact: Flush immediately with plenty of water for at least 15 minutes. If eye irritation persists, consult a physician.

Skin Contact: Wash off with soap and plenty of water. If skin irritation persists, call a physician.

Inhalation: Remove the victim into fresh air. If symptoms persist call a physician.

POTENTIAL HEALTH AFFECTS

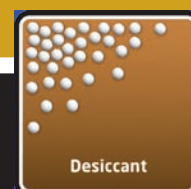
Eye Contact:
 Dust and/or product may cause discomfort and/or irritation such as tearing and reddening.

Skin Contact:
 Repeated or prolonged exposure may cause skin irritation.



Download QR Code reader on your mobile phone to scan image above for online location of data sheets and downloads

www.thermostealgroup.com



Inhalation:

Exposure to dust particles generated from this material may cause irritation of the respiratory tract.

Repeated and prolonged inhalation of crystalline silica in the form of quartz from occupational sources may cause risk to health. Suitable PPE inhalation protection should be used in the event of likelihood of inhaling dust particles.

Ingestion: Burns to moist body tissues can result if contact is prolonged.

Potential Environmental Effects:

If used as directed, no hazardous effects to the environment should occur.

FIRE FIGHTING

Suitable extinguishing media: Non-combustible. Use extinguishing media for surrounding fire.

Unsuitable extinguishing media: Not applicable.

Special exposure hazards: The product itself does not burn. The used product can retain material of a hazardous nature. Identify that material and inform the fire fighters.

Special Equipment: In the case of respirable dust and/or fumes, use self-contained breathing apparatus and a dust impervious protective suit.

ACCIDENTAL RELEASE MEASURE**Personal Protection:**

Handle in accordance with good industrial hygiene and safety practice.

Eye Protection: Safety glasses or goggles.

Skin & body Protection: Lightweight protective clothing

Respiratory Protection: In case of insufficient ventilation wear suitable respiratory equipment; Disposable filtering half mask Class FFP3 (EN149); Half mask with particle filter P3 (EN143)

EXPOSURE CONTROLS**Occupational exposure controls:**

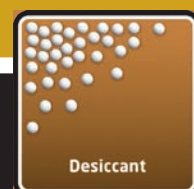
Ensure adequate ventilation especially in confined areas.

Environmental exposure controls:

Handle in accordance with local environmental regulations and good industrial practices.

Environmental Precautions:

No special environmental precautions required



Clean-up:

Sweep, shovel or vacuum spilled product into appropriate containers (do not use a vacuum if material has contacted a hydrocarbon material). Pick up and arrange disposal without creating dust. Never use spilled product. The spilled product should be disposed of in accordance with all applicable government regulations.

HANDLING & STORAGE

Handling:

Handle and open container with care. Avoid formation of dust particles. Avoid contact with skin and eyes. Provide an electrical ground connection during loading and transfer operations to avoid static discharge in an explosive atmosphere and to prevent persons handling the product from receiving static shock.

Storage:

Store in original container. Keep in a dry place.

PHYSICAL & CHEMICAL PROPERTIES

Form: Beads

Colour: Light Brown

Odor: Odourless

pH Level: 8-11 (AS)

Boiling point: Not applicable

Solubility in water: Not determined

Flash point: Not applicable

Vapour pressure: Not applicable

Relative density/Specific gravity: Not applicable

Vapour density: Not applicable

Viscosity: Not applicable

Melting point: Not applicable

Solubility: Not determined

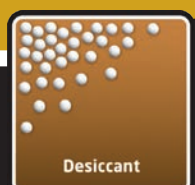
Bulk density: Not determined

STABILITY & REACTIVITY

Stability: Stable at normal conditions.

Hazardous decomposition products:

No decomposition if used as directed. Hydrocarbons and other materials that contact the product during normal use can be retained on the product. It is reasonable to expect that decomposition products will come from these retained materials of use.



Conditions/Materials to avoid:

Sudden contact with high concentrations of chemicals having high heats of adsorption such as olefins, HCl etc. When first wetted, the product can heat up to the boiling point of water. Flood with water to cool material.

DISPOSAL CONSIDERATIONS

Provisions relating to waste:

EC Directives 75/442/EEC; 91/689/EEC as amended.

Disposal Information:

Can be landfilled after chemical and physical treatment, when in compliance with the local regulations. Store containers and offer for recycling of material according to the local regulations. Contact waste disposal services. Materials of a hazardous nature that contact the product during normal use may be retained on this product. The user of the product must identify the hazards associated with the retained material in order to assess the waste disposal options.

REGULATORY INFORMATION

This product is classified and labelled in accordance with the EC Directives 67/548/EEC and 1999/45/EC as amended.

The product does not need to be labelled in accordance with EC-Directives.

These details are based on our current knowledge. Therefore, it is not intended to assure legally binding or to guarantee the nature of the products, the trade capability of the products and the suitability for a certain use. We reserve the right to make technical alterations.

