SAFETY DATA SHEET

LEWATIT A 365

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product name : LEWATIT A 365
Material number : 56788089
Recommended use : Ion exchange, resins and catalysts

Manufacturer or supplier’s details
Supplier : Lanxess, S.A. de C.V.
Ejército Nacional No. 579 piso 3
Col. Granada
CP 11520
Mexico
Telephone : +525552624300
Emergency telephone : SETIQ 800-00-214-00, 55-59-15-88
24 horas (Transporte): 55 52-62-43-00
Lunes a Viernes de 8:00 a 17:00 hrs

SECTION 2. HAZARDS IDENTIFICATION

This product has been classified according to the Global Harmonized System of the United Nations (Purple Book Rev. 5) and in accordance with the NOM-018-STPS-2015.
Not a hazardous substance or mixture.

GHS label elements
Not a hazardous substance or mixture.

Hazard Not Otherwise Classified (HNOC)
None known.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture
Chemical nature : acrylic resin

Components
No hazardous ingredients

SECTION 4. FIRST AID MEASURES

If inhaled : Remove victim to fresh air and keep at rest in a position comfortable for breathing.
Keep respiratory tract clear.
If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel.
Maintain open airway.
Loosen tight clothing such as a collar, tie, belt or waistband. Get medical attention if symptoms occur.

In case of skin contact: Wash off with soap and plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.

In case of eye contact: Get medical attention if symptoms appear.

If swallowed: Rinse mouth with water. Give small amounts of water to drink. Get medical attention if symptoms occur. Never give anything by mouth to an unconscious person.

**Most important symptoms and effects, both acute and delayed**

**Symptoms**: No symptoms known or expected.

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

**Notes to physician**: No special actions required.

**SECTION 5. FIRE-FIGHTING MEASURES**

**Suitable extinguishing media**: Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. In case of fire, use water spray (fog), foam or dry chemical.

**Unsuitable extinguishing media**: None known.

**Specific hazards during firefighting**: None

**Hazardous combustion products**: Carbon monoxide
Carbon dioxide (CO2)
Nitrogen oxides (NOx)
Metal oxides

**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.

**SECTION 6. ACCIDENTAL RELEASE MEASURES**

**Personal precautions, protective equipment and emergency procedures**: No action shall be taken involving any personal risk or without suitable training. Do not touch or walk through spilled material. Put on appropriate personal protection equipment. Hazard of slipping on spilled product.
Methods and materials for containment and cleaning up:
- Move containers from spill area.
- Vacuum or sweep up material and place in a designated, labeled waste container.
- Dispose of wastes in an approved waste disposal facility.
- Do not allow into the sewerage system, surface waters or groundwater or into the soil.

SECTION 7. HANDLING AND STORAGE

Advice on safe handling:
- Remove contaminated clothing and protective equipment before entering eating areas.
- Workers should wash hands and face before eating, drinking and smoking.
- Put on appropriate personal protection equipment.
- Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed.

Conditions for safe storage:
- Store in accordance with local regulations.
- Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink.
- Keep containers sealed until ready for use.
- Do not store in unlabeled containers.

Further information on storage stability:
- It is recommended to store ion exchange resins at temperatures above the freezing point of water. If the resin should become frozen, the resin should not be mechanically handled and should be left to thaw out gradually at ambient temperature. It must be completely thawed before handling or use. No attempt should be made to accelerate the thawing process.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Ingredients with workplace control parameters:
Contains no substances with occupational exposure limit values.

Engineering measures:
- Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

Personal protective equipment:

Respiratory protection:
- In the case of dust or aerosol formation use respirator with an approved filter.
  - Filter type: P1 filter

Hand protection:
- Material: Polyvinyl chloride - PVC
  - Wearing time: < 60 min

- Material: Nitrile rubber - NBR
  - Wearing time: < 60 min
Eye protection : Safety glasses with side-shields
Skin and body protection : Wear suitable protective clothing.
Hygiene measures : Appropriate techniques should be used to remove potentially contaminated clothing. Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state : solid
Appearance : beads
Color : yellow, white, opaque
Odor : slight, amine-like
Odor Threshold : No data available
pH : No data available
Melting point/freezing point : No data available
Boiling point/boiling range : No data available
Flash point : Not applicable
Evaporation rate : No data available
Flammability (solid, gas) : No data available
Self-ignition : > 161 °C
Autoignition temperature

Burning number : 2 (20 °C)
5 (100 °C)
Upper explosion limit / Upper flammability limit : No data available
Lower explosion limit : No data available
Vapor pressure : No data available
Relative vapor density : No data available
Relative density : 1.05
Density : 1.13 g/cm³ (20 °C)
Bulk density : 700 - 760 kg/m³
Solubility(ies)
  Water solubility : insoluble
Partition coefficient: n-octanol/water : No data available
Ignition temperature : > 161 °C
  Auto-flammability
Decomposition temperature : No data available
Viscosity : No data available
Explosive properties : No data available
Oxidizing properties : No data available
Molecular weight : No data available

SECTION 10. STABILITY AND REACTIVITY

Reactivity : No specific test data related to reactivity available for this product or its ingredients.
Chemical stability : The product is chemically stable.
Possibility of hazardous reactions : No dangerous reaction known under conditions of normal use.
Incompatible materials : Strong oxidants, e.g. nitric acid, can cause violent reactions if they come into contact with ion exchange resins.
Hazardous decomposition products : No decomposition if stored normally.

SECTION 11. TOXICOLOGICAL INFORMATION

The most important known symptoms and effects are described in Section 2 and/or Section 4.

Acute toxicity
Not classified based on available information.

Product:
Acute oral toxicity: LD50 (Rat): > 5,000 mg/kg
Remarks: Test results on an analogous product

**Skin corrosion/irritation**
Not classified based on available information.

**Product:**
Result: No skin irritation
Remarks: Test results on an analogous product

**Serious eye damage/eye irritation**
Not classified based on available information.

**Product:**
Result: No eye irritation
Remarks: Test results on an analogous product

**Respiratory or skin sensitization**

**Skin sensitization**
Not classified based on available information.

**Respiratory sensitization**
Not classified based on available information.

**Germ cell mutagenicity**
Not classified based on available information.

**Carcinogenicity**
Not classified based on available information.

**Reproductive toxicity**
Not classified based on available information.

**STOT-single exposure**
Not classified based on available information.

**STOT-repeated exposure**
Not classified based on available information.

**Aspiration toxicity**
Not classified based on available information.

**SECTION 12. ECOLOGICAL INFORMATION**

**Ecotoxicity**
No data available

**Persistence and degradability**
No data available

**Bioaccumulative potential**
No data available
Mobility in soil
No data available

Other adverse effects
No data available

SECTION 13. DISPOSAL CONSIDERATIONS

Waste from residues: The generation of waste should be avoided or minimized wherever possible.
Dispose of wastes in an approved waste disposal facility.
This material and its container must be disposed of in a safe way.
The product should not be allowed to enter drains, water courses or the soil.
Waste disposal should be in accordance with existing federal, state, provincial and/or local environmental controls.

SECTION 14. TRANSPORT INFORMATION

Domestic regulation
NOM-002-SCT
Not regulated as a dangerous good

International Regulations

IATA-DGR
Not regulated as a dangerous good

IMDG-Code
Not regulated as a dangerous good

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code
Not applicable for product as supplied.

Hazard Statements: Not dangerous cargo
Avoid heat above +40 °C.
Avoid temperatures below -20 °C.
Keep separated from foodstuffs

SECTION 15. REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the substance or mixture

The following Regulations are applicable to the handling of chemicals in the workplace:
- Federal Regulation on Safety and Health at the Workplace.
- NOM-005-STPS concerning the Conditions of Health and Safety in the Workplace for the Handling, Transport and Storage of Hazardous Chemicals.
- NOM-017-STPS - Personal Protective Equipment Selection, Use and Handling in the workplace.
SECTION 16. OTHER INFORMATION

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