SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product name : LEWATIT MDS TP 208
Product code : 56814470

Manufacturer or supplier’s details
Supplier : LANXESS Pty Ltd
          2d Factory Street Granville, NSW 2142, Australia
Telephone : +61287483911
Emergency telephone number : IXOM Emergency Response Service (ERS)
                           Phone 1800 033 111 • 24 hours • Toll-free • Australia wide

Recommended use of the chemical and restrictions on use
Recommended use : Ion exchange, resins and catalysts

SECTION 2. HAZARDS IDENTIFICATION

GHS Classification
Not a hazardous substance or mixture.

GHS label elements
Not a hazardous substance or mixture.

Other hazards which do not result in classification
None known.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture
Chemical nature : styrene-divinylbenzene-copolymer with iminodiacetic acid
groups in form of salt

Hazardous components
No hazardous ingredients

SECTION 4. FIRST AID MEASURES

If inhaled : If breathed in, move person into fresh air. 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.
                      Immediately flush eyes with plenty of water, occasionally lifting
the upper and lower eyelids.
Remove contact lenses, if present and easy to do. Continue rinsing.
Continue to rinse for at least 10 minutes.

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:
- No symptoms known or expected.

Notes to physician:
- Treat symptomatically.

SECTION 5. FIREFIGHTING 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

Specific extinguishing methods:
- Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire.
- No action shall be taken involving any personal risk or without suitable training.

Special protective equipment for firefighters:
- 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 spilt material.
- Put on appropriate personal protection equipment.
- Hazard of slipping on spilt product.

Environmental precautions:
- Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers.
- If the product contaminates rivers and lakes or drains inform
Methods and materials for containment and cleaning up:
- Move containers from spill area.
- Vacuum or sweep up material and place in a designated, labelled 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.

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.

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 unlabelled containers.
- Take action to prevent static discharges.
- Do not allow to dry.

Recommended storage temperature: -20 - 40 °C

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components 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.

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**SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**

- **Appearance**: beads
- **Colour**: beige, opaque
- **Odour**: odourless
- **Odour Threshold**: No data available
- **pH**: No data available
- **Melting point/range**: > 200 °C
- **Boiling point/boiling range**: No data available
- **Flash point**: No data available
- **Evaporation rate**: No data available
- **Flammability (solid, gas)**: No data available
- **Upper explosion limit / Upper flammability limit**: No data available
- **Lower explosion limit**: No data available
- **Vapour pressure**: No data available
- **Relative vapour density**: No data available
- **Relative density**: 1.17
- **Density**: 1.16 g/cm³ (20 °C)
- **Bulk density**: 700 - 780 kg/m³

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**Solubility(ies)**
Water solubility: insoluble
Partition coefficient: n-octanol/water: No data available
Ignition temperature: > 300 °C
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.
Auto-flammability
Conditions to avoid: The product is self-ignitable. As long as the packaging size does not exceed 3 m³, the product is not subject to Transport Class 4.2. Contact with strong oxidising agents may cause hazardous reactions.
Incompatible materials: Oxidizing agents
Hazardous decomposition products: No decomposition if stored normally.

SECTION 11. TOXICOLOGICAL INFORMATION

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 sensitisation**

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

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

**Chronic toxicity**

**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.

**Further information**

**Product:**
Remarks: According to our experience and information the product has no harmful effects on health if properly handled.

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**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

Product:
Adsorbed organic bound halogens (AOX) : Remarks: The product does not contain organically bounded halogens which could lead to an AOX value in waste water.

Additional ecological information : No known significant effects or critical hazards.

The product is insoluble in water. Therefore, ecological tests have not been conducted.

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal methods
Waste from residues : The generation of waste should be avoided or minimised wherever possible.
Where possible recycling is preferred to disposal or incineration.
Wastedisposal should be in accordance with existing federal state, provincial and or local environmental controls
Within the present knowledge of the supplier, this product is not regarded as hazardous waste, as defined by EU Directive 2008/98/EC

Contaminated packaging : Empty containers retain residue and can be dangerous.

SECTION 14. TRANSPORT INFORMATION

National Regulations

ADG
Not regulated as a dangerous good

Further information for transport : If packagings larger than 3 m³: dangerous good of division 4.2.

International Regulations

IATA-DGR
Not regulated as a dangerous good

IATA (Cargo)
Further information for transport : If packagings larger than 3 m³: dangerous good of division 4.2.

IATA (Passenger)
Further information for transport : If packagings larger than 3 m³: dangerous good of division 4.2.
IMDG-Code
Not regulated as a dangerous good
Further information for transport: If packagings larger than 3 m³: dangerous good of division 4.2.

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 temperatures below -20 °C. Avoid heat above +40 °C. Keep separated from foodstuffs.

SECTION 15. REGULATORY INFORMATION

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

Standard for the Uniform Scheduling of Medicines and Poisons: No poison schedule number allocated

International Chemical Weapons Convention (CWC) Schedules of Toxic Chemicals and Precursors: Not applicable

Prohibition/Licensing Requirements: There is no applicable prohibition or notification/licensing requirements, including for carcinogens under Commonwealth, State or Territory legislation.

SECTION 16. OTHER INFORMATION

Full text of other abbreviations
ATE = Acute Toxicity Estimate
BCF = Bioconcentration Factor
GHS = Globally Harmonized System of Classification and Labelling of Chemicals

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The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific...
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