1. PRODUCT AND COMPANY IDENTIFICATION

Product name : LEWATIT A 365
Product code : 56788089

Manufacturer or supplier’s details
Supplier : LANXESS Deutschland GmbH
Production, Technology, Safety & Environment
51369 Leverkusen, Germany
Telephone : +4922188852288
E-mail address of person responsible for the SDS : infosds@lanxess.com
Emergency telephone number : +492143099300

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

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.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture
Chemical nature : acrylic resin

Hazardous components
No hazardous ingredients

4. FIRST AID MEASURES

General advice : Show this safety data sheet to the doctor in attendance.
Move out of dangerous area.
Do not leave the victim unattended.
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.

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.

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

Notes to physician : No special measures required.

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.
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:

- Prevent further leakage or spillage if safe to do so.
- Inform the responsible authorities in case of gas leakage, or of entry into waterways, soil or drains.

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.

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

Recommended storage temperature:

- -20 - 40 °C
- -20 - 40 °C

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.

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.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: beads

Colour: yellow, white, opaque

Odour: slight, amine-like

Odour 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
Auto-ignition temperature

Burning number : 2 (20 °C)

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 : No data available

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

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.
Conditions to avoid: Contact with strong oxidising agents may cause hazardous reactions.

Incompatible materials: Oxidizing agents

Hazardous decomposition products: No decomposition if stored normally.

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.

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.

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

13. DISPOSAL CONSIDERATIONS

Disposal methods
Contaminated packaging : Empty containers should be taken to an approved waste handling site for recycling or disposal.

14. TRANSPORT INFORMATION

National Regulations

SANS
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.
15. REGULATORY INFORMATION

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

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

Other international regulations

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

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 material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.