SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier
   Trade name : LEWATIT A 365
   Product code : 56788089

1.2 Relevant identified uses of the substance or mixture and uses advised against
   Use of the Substance/Mixture : Ion exchange, resins and catalysts

1.3 Details of the supplier of the safety data sheet
   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

1.4 Emergency telephone number
   +44 0870 190 6777. National Chemical Emergency Centre

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture
   Classification (REGULATION (EC) No 1272/2008)
   Not a hazardous substance or mixture.

2.2 Label elements
   Labelling (REGULATION (EC) No 1272/2008)
   Not a hazardous substance or mixture.

2.3 Other hazards
   This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

SECTION 3: Composition/information on ingredients

3.2 Mixtures
   Chemical nature : acrylic resin
SAFETY DATA SHEET
according to Regulation (EC) No. 1907/2006

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Components
Remarks : No hazardous ingredients

SECTION 4: First aid measures

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

4.2 Most important symptoms and effects, both acute and delayed
Symptoms : No symptoms known or expected.

4.3 Indication of any immediate medical attention and special treatment needed
Treatment : No special measures required.

SECTION 5: Firefighting measures

5.1 Extinguishing media
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.

5.2 Special hazards arising from the substance or mixture
Specific hazards during firefighting : none
Hazardous combustion products: Carbon monoxide
Carbon dioxide (CO2)
Nitrogen oxides (NOx)
Metal oxides

5.3 Advice for firefighters
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.
Further information: 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.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures
Personal precautions: 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.

6.2 Environmental precautions
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.

6.3 Methods and material for containment and cleaning up
Methods for 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.

6.4 Reference to other sections

SECTION 7: Handling and storage

7.1 Precautions for safe handling
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.

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage areas and containers: 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: \(-20 - 40^\circ\text{C}\)

7.3 Specific end use(s)

SECTION 8: Exposure controls/personal protection

8.1 Control parameters
Contains no substances with occupational exposure limit values.

8.2 Exposure controls

Engineering measures
This information is not available.

Personal protective equipment

Eye protection: Safety glasses with side-shields

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

- Material: Nitrile rubber - NBR
- Wearing time: < 60 min

Skin and body protection: Wear suitable protective clothing.

Respiratory protection: In the case of dust or aerosol formation use respirator with an approved filter.
SECTION 9: Physical and chemical properties

9.1 Information on basic 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
Burning number : 2 (20 °C)
Upper explosion 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) : insoluble
Water solubility : insoluble
Partition coefficient: n-octanol/water : No data available
Ignition temperature : > 161 °C
Auto-flammability
Decomposition temperature : No data available
SECTION 10: Stability and reactivity

10.1 Reactivity
No specific test data related to reactivity available for this product or its ingredients.

10.2 Chemical stability
The product is chemically stable.

10.3 Possibility of hazardous reactions
Hazardous reactions : No dangerous reaction known under conditions of normal use.

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

10.5 Incompatible materials
Materials to avoid : Oxidizing agents

10.6 Hazardous decomposition products
Hazardous decomposition : No decomposition if stored normally.
products

SECTION 11: Toxicological information

11.1 Information on toxicological effects

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.
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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.

SECTION 12: Ecological information

12.1 Toxicity
No data available

12.2 Persistence and degradability
No data available

12.3 Bioaccumulative potential
No data available

12.4 Mobility in soil
No data available

12.5 Results of PBT and vPvB assessment
Product:
Assessment

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

12.6 Other adverse effects

No data available

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product

Examine possibilities for re-utilisation.

Product residues and uncleaned empty containers should be packaged, sealed, labelled, and disposed of or recycled according to relevant national and local regulations. Where large quantities are concerned, consult the supplier. When uncleaned empty containers are passed on, the recipient must be warned of any possible hazard that may be caused by residues.

For disposal within the EC, the appropriate code according to the European Waste List (EWL) should be used. 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 should be taken to an approved waste handling site for recycling or disposal.

SECTION 14: Transport information

14.1 UN number

Not regulated as a dangerous good

14.2 UN proper shipping name

Not regulated as a dangerous good

14.3 Transport hazard class(es)

Not regulated as a dangerous good

14.4 Packing group

Not regulated as a dangerous good

14.5 Environmental hazards

Not regulated as a dangerous good

14.6 Special precautions for user

Hazard statements

Not dangerous cargo.

Avoid heat above +40 °C.

Avoid temperatures below -20 °C.

Keep separated from foodstuffs.
14.7 Transport in bulk according to Annex II of Marpol and the IBC Code
Not applicable for product as supplied.

SECTION 15: Regulatory information

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

- International Chemical Weapons Convention (CWC) Schedules of Toxic Chemicals and Precursors: Not applicable
- REACH - Candidate List of Substances of Very High Concern for Authorisation (Article 59): Not applicable
- REACH - List of substances subject to authorisation (Annex XIV): Not applicable
- Regulation (EC) No 1005/2009 on substances that deplete the ozone layer: Not applicable
- Regulation (EC) No 850/2004 on persistent organic pollutants: Not applicable
- REACH - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, preparations and articles (Annex XVII): Not applicable

15.2 Chemical safety assessment
Chemical Safety Assessment not yet performed.

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

Further information
The data given here is based on current knowledge and experience. The purpose of this Safety Data Sheet and its Annex [if required according to Regulation (EC) 1907/2006 (REACH)] is to de-
scribe the products in terms of their safety requirements. The given details do not imply any guarantee concerning the composition, properties or performance.