

# SAFETY DATA SHEET

## LEWATIT MonoPlus MP 68



|         |                |              |                                |
|---------|----------------|--------------|--------------------------------|
| Version | Revision Date: | SDS Number:  | Date of last issue: 06.09.2018 |
| 1.1     | 10.11.2021     | 103000012974 | Country / Language: AU / 6N    |

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### SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product name : LEWATIT MonoPlus MP 68

Product code : 56788062

#### Manufacturer or supplier's details

Supplier : LANXESS Pty Ltd  
2d Factory Street Granville, NSW 2142, Australia  
Telephone : +61288687211

E-mail address of person responsible for the SDS : [infosds@lanxess.com](mailto:infosds@lanxess.com)

Emergency telephone number : 1800 862 115 mention CCN1001750

#### Recommended use of the chemical and restrictions on use

Recommended use : Ion exchange, resins and catalysts

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### 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.

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### SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture

Chemical nature : styrene-divinylbenzene-copolymer with dimethylamino groups in form of free base

#### Components

No hazardous ingredients

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### 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.

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- 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.  
Never give anything by mouth to an unconscious person.  
Get medical attention if symptoms appear.
- Most important symptoms and effects, both acute and delayed : No symptoms known or expected.
- Notes to physician : No special measures required.
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### SECTION 5. FIREFIGHTING MEASURES

- Suitable extinguishing media : Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
- Unsuitable extinguishing media : High volume water jet
- Specific hazards during fire-fighting : none
- Hazardous combustion products : Carbon monoxide  
Carbon dioxide (CO<sub>2</sub>)  
Nitrogen oxides (NO<sub>x</sub>)  
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.
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### 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.
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- 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 respective authorities.
- 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.  
Do not allow into the sewerage system, surface waters or groundwater or into the soil.  
Dispose of wastes in an approved waste disposal facility.

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### 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 : 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.  
Appropriate techniques should be used to remove potentially contaminated clothing.
- 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.

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### 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.

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|                          |   |                                    |
|--------------------------|---|------------------------------------|
| 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                                           | : | Light, beige, opaque            |
| Odour                                            | : | amine-like                      |
| Odour Threshold                                  | : | No data available               |
| pH                                               | : | 5 - 9<br>Concentration: 5 %     |
| Melting point/freezing point                     | : | No data available               |
| Boiling point/boiling range                      | : | No data available               |
| Flash point                                      | : | No data available               |
| Evaporation rate                                 | : | No data available               |
| Flammability (solid, gas)                        | : | No data available               |
| Burning number                                   | : | 2 (20 °C)<br>Method: VDI 2263-1 |
| 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                                          | : | 1.04 g/cm <sup>3</sup> (20 °C)  |

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|                                        |   |                             |
|----------------------------------------|---|-----------------------------|
| Bulk density                           | : | 600 - 650 kg/m <sup>3</sup> |
| Solubility(ies)                        | : |                             |
| Water solubility                       | : | insoluble                   |
| Partition coefficient: n-octanol/water | : | No data available           |
| Ignition temperature                   | : | No data available           |
| Decomposition temperature              | : | > 220 °C                    |
| Viscosity                              | : | No data available           |
| Explosive properties                   | : | No data available           |
| Oxidizing properties                   | : | No data available           |
| Molecular weight                       | : | No data available           |

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### 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.                                                               |
| Conditions to avoid                | : | Take precautionary measures against static discharge. Contact with strong oxidising agents may cause hazardous reactions. |
| Incompatible materials             | : | Oxidizing agents                                                                                                          |
| Hazardous decomposition products   | : | No decomposition if stored normally.                                                                                      |

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### SECTION 11. TOXICOLOGICAL INFORMATION

#### Acute toxicity

Not classified based on available information.

#### Product:

|                       |   |                                                                               |
|-----------------------|---|-------------------------------------------------------------------------------|
| Acute oral toxicity   | : | LD50 (Rat): > 5,000 mg/kg<br>Remarks: Test results on an analogous product    |
| Acute dermal toxicity | : | LD50 (Rabbit): > 5,000 mg/kg<br>Remarks: Test results on an analogous product |

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**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.

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**SECTION 12. ECOLOGICAL INFORMATION**

**Ecotoxicity**

No data available

**Persistence and degradability**

No data available

**Bioaccumulative potential**

No data available

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**Mobility in soil**

No data available

**Other adverse effects**

**Product:**

Additional ecological information : The product is insoluble in water. Therefore, ecological tests have not been conducted.  
No known significant effects or critical hazards.

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**SECTION 13. DISPOSAL CONSIDERATIONS**

**Disposal methods**

Waste from residues : 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.

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**SECTION 14. TRANSPORT INFORMATION**

**National Regulations**

**ADG**

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.  
Keep separated from foodstuffs.

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**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

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

Prohibition/Licensing Requirements : There is no applicable prohibition, authorisation and restricted use requirements, including for carcinogens referred to in Schedule 10 of the model WHS Act and Regulations.

**Other international regulations**

No data available

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**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

Revision Date : 10.11.2021

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