

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006



## LEWATIT VP OC 1064 MD PH

Version	Revision Date:	SDS Number:	Date of last issue: 27.11.2017
1.0	14.08.2018	103000010081	Country / Language: GB / EN(GB)

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

#### 1.1 Product identifier

Trade name : LEWATIT VP OC 1064 MD PH  
Product code : 04039599

#### 1.2 Relevant identified uses of the substance or mixture and uses advised against

Use of the Sub-stance/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

0870 190 6777. National Chemical Emergency Centre

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### 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.

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### SECTION 3: Composition/information on ingredients

#### 3.2 Mixtures

Chemical nature : Contains:  
copolymer

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with  
Ethenylbenzen  
and  
1,4-Diethenylbenzen

### Hazardous components

Remarks : No hazardous ingredients

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## SECTION 4: First aid measures

### 4.1 Description of first aid measures

General advice : 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 : Treat symptomatically.

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## 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.

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### 5.2 Special hazards arising from the substance or mixture

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

### 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.

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## 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 : If the product contaminates rivers and lakes or drains inform respective authorities.

### 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

For personal protection see section 8.  
For disposal considerations see section 13.

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## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

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- 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.
- Advice on protection against fire and explosion : Provide appropriate exhaust ventilation at places where dust is formed.
- 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.
- Dust explosion class : In the case of dusty organic products the possibility of a dust explosion should always be considered.

### 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.
- Advice on common storage : No materials to be especially mentioned.
- Recommended storage temperature : -20 - 40 °C

### 7.3 Specific end use(s)

- Specific use(s) : No data available

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## 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

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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.
Filter type	: P1 filter

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### SECTION 9: Physical and chemical properties

#### 9.1 Information on basic physical and chemical properties

Appearance	: beads
Colour	: white, opaque
Odour	: slight
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	: No data available
Evaporation rate	: No data available
Flammability (solid, gas)	: No data available
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	: 1,02 g/cm <sup>3</sup> (20 °C)
Bulk density	: 570 - 630 kg/m <sup>3</sup>

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Solubility(ies)		
Water solubility	:	insoluble
Partition coefficient: n-octanol/water	:	No data available
Ignition temperature	:	> 250 °C
Decomposition temperature	:	No data available
Viscosity	:	No data available
Explosive properties	:	No data available
Oxidizing properties	:	No data available

### 9.2 Other information

Dust explosion class	:	In the case of dusty organic products the possibility of a dust explosion should always be considered.
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## 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.
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### 10.4 Conditions to avoid

Conditions to avoid	:	No data available
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### 10.5 Incompatible materials

Materials to avoid	:	Oxidizing agents
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### 10.6 Hazardous decomposition products

Hazardous decomposition products	:	No decomposition if stored normally.
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## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects

#### Acute toxicity

Not classified based on available information.

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### **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.

### **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

#### 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

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

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### 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.



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### 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 / Additional advice

Hazard statements : Not dangerous cargo.  
Has a slight odour.  
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.

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### 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 - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, preparations and articles (Annex XVII) : 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

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Seveso III: Directive 2012/18/EU of the European Parliament and of the Council on the control of major-accident hazards involving dangerous substances.  
Not applicable

### 15.2 Chemical safety assessment

not applicable

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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

### 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 describe the products in terms of their safety requirements. The given details do not imply any guarantee concerning the composition, properties or performance.