SECTION 1. IDENTIFICATION

Product name : LEWATIT MonoPlus TP 260
Material number : 06275052
Recommended use : Ion exchange, resins and catalysts

Manufacturer or supplier’s details
Supplier : LANXESS Corporation
Product Safety & Regulatory Affairs
111 RIDC Park West Drive
Pittsburgh PA 15275-1112
USA
Telephone : +1800LANXESS
+14128091000 (international)
Emergency telephone : Chemtrec 1-800-424-9300
International 1-703-527-3887

SECTION 2. HAZARDS IDENTIFICATION

GHS classification in accordance with the Hazardous Products Regulations (WHMIS 2015).
Eye irritation : Category 2A

GHS label elements
Hazard pictograms : ⚠️

Signal Word : Warning
Hazard Statements : Causes serious eye irritation.
Precautionary Statements : Prevention:
Wash skin thoroughly after handling.
Wear eye protection/ face protection.
Response:
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
If eye irritation persists: Get medical advice/ attention.

Hazard Not Otherwise Classified (HNOC)
None known.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Print Date: 02/16/2019
SAFETY DATA SHEET
LEWATIT MonoPlus TP 260

Hazardous ingredients

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>CAS-No.</th>
<th>Concentration (% w/w)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Styrene-divinylbenzene-copolymer with Phosphonic Acid anchor groups in Sodium form</td>
<td>114060-55-8</td>
<td>&gt;= 30 - &lt; 50</td>
</tr>
</tbody>
</table>

Any concentration shown as a range is to protect confidentiality or is due to batch variation.

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. Get medical attention if symptoms occur.

In case of eye contact : Get medical attention immediately. In case of contact, flush eyes with plenty of water for at least 20 minutes. Use fingers to ensure that eyelids are separated and that the eye is being irrigated. Remove contact lenses, if present and easy to do. Continue rinsing. Chemical burns must be treated promptly by a physician.

If swallowed : Rinse mouth with water. Do not induce vomiting unless directed to do by medical personnel. Get medical attention if symptoms occur.

Most important symptoms and effects, both acute and delayed

Symptoms : Eye: Corrosive with symptoms of reddening, tearing, swelling, burning and possible permanent damage.

Effects : Causes serious eye irritation.

Notes to physician : Treat symptomatically.

SECTION 5. FIRE-FIGHTING MEASURES

Suitable extinguishing media : Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Unsuitable extinguishing media : None known.

Hazardous combustion products : Carbon dioxide (CO2) Carbon monoxide Metal oxides
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.

Special protective equipment for fire-fighters: Wear self-contained breathing apparatus for firefighting if necessary.

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. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Use personal protective equipment. Evacuate personnel to safe areas.

Environmental precautions: Prevent product from entering drains. Prevent further leakage or spillage if safe to do so. 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, labeled 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.

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 container closed when not in use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate container to avoid environmental contamination.

Recommended storage temperature: -20 - 40 °C
Further information on storage stability: It is recommended to store ion exchange resins at temperatures above the freezing point of water. If the resin should become frozen, the resin should not be mechanically handled and should be left to thaw out gradually at ambient temperature. It must be completely thawed before handling or use. No attempt should be made to accelerate the thawing process.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Ingredients 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
Hand protection
Wearing time: < 60 min
Material: Polyvinyl chloride - PVC
Material: Nitrile rubber - NBR

Eye protection: Tightly fitting safety goggles

Skin and body protection: Wear suitable protective clothing.

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. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state: solid
Appearance: beads
Color: beige, opaque
Odor: odorless
Odor Threshold: No data available
pH: 7
  Concentration: 10%

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 / Upper flammability limit: No data available

Lower explosion limit: No data available

Vapor pressure: No data available

Relative vapor density: No data available

Relative density: No data available

Density: 1.2 g/cm³ (20 °C)

Bulk density: 700 - 800 kg/m³

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

Molecular weight: No data available

SECTION 10. STABILITY AND REACTIVITY

Reactivity: No dangerous reaction known under conditions of normal use.
Chemical stability : Stable under normal conditions.

Possibility of hazardous reactions : Under normal conditions of storage and use, hazardous reactions will not occur. No hazards to be specially mentioned.

Incompatible materials : Strong oxidants, e.g. nitric acid, can cause violent reactions if they come into contact with ion exchange resins.

Hazardous decomposition products : No data available

SECTION 11. TOXICOLOGICAL INFORMATION

The most important known symptoms and effects are described in Section 2 and/or Section 4.

Acute toxicity
Not classified based on available information.

Components:
Styrene-divinylbenzene-copolymer with Phosphonic Acid anchor groups in Sodium form:
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.

Components:
Styrene-divinylbenzene-copolymer with Phosphonic Acid anchor groups in Sodium form:
Result: No skin irritation
Remarks: Test results on an analogous product

Serious eye damage/eye irritation
Causes serious eye irritation.

Components:
Styrene-divinylbenzene-copolymer with Phosphonic Acid anchor groups in Sodium form:
Result: Irritating to eyes.
Remarks: Test results on an analogous product

Respiratory or skin sensitization

Skin sensitization
Not classified based on available information.

Respiratory sensitization
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: No data available

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:

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

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal methods:
The generation of waste should be avoided or minimized wherever possible.
This material and its container must be disposed of in a safe way.
Empty containers retain product residue; observe all precautions for product.
Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.
Waste disposal should be in accordance with existing federal, state, provincial and/or local environmental controls.
SECTION 14. TRANSPORT INFORMATION

Domestic regulation

TDG
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.

SECTION 15. REGULATORY INFORMATION

TSCA : On TSCA Inventory

DSL : This product contains components not on the Canadian DSL.

Canadian lists
No substances are subject to a Significant New Activity Notification.

Further information

NFPA:

Health
0
1
2
Flammability
1
0
Instability

Special hazard.

HMIS® IV:

HEALTH
/ 2
FLAMMABILITY
1
PHYSICAL HAZARD
0

HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. The "*" represents a chronic hazard, while the "/" represents the absence of a chronic hazard.

LANXESS’ method of hazard communication is comprised of Product Labels and Safety Data Sheets. HMIS and NFPA ratings are provided by LANXESS as a customer service.
SECTION 16. OTHER INFORMATION

Revision Date : 02/14/2019

This information is furnished without warranty, express or implied. This information is believed to be accurate to the best knowledge of our knowledge. The information provided in this Safety Data Sheet (SDS) is correct to the best of our knowledge, information and belief at the date of its publication. We assume no legal responsibility for use of or reliance upon the information in this SDS.