

SAFETY DATA SHEET

according to Regulation (EU) 2020/878

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Multigrout EP Pt A

Revision 9
Revision date 2025-03-26

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

1.1. Product identifier

| | |
|-------------------------------------|---------------------------|
| Product name | Multigrout EP Pt A |
| Other means of identification / UFI | UFI: XVYS-NF1Y-0995-N962. |

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

| | |
|-------------|---|
| Product Use | [SU22] Professional uses: Public domain (administration, education, entertainment, services, craftsmen); [SU19] Building and construction work; [PC0] Other; [PROC5] Mixing or blending in batch processes for formulation of preparations and articles (multistage and/or significant contact); [ERC3] Formulation in materials; |
|-------------|---|

1.3. Details of the supplier of the safety data sheet

| | |
|-----------|---|
| Company | Larsen Building Products Ltd |
| Address | 4 West Bank Road Belfast Harbour Industrial Estate Belfast BT3 9JL United Kingdom |
| Web | www.larsenbuildingproducts.com |
| Telephone | +44 (0)28 9077 4000 |
| Fax | +44 (0)28 9077 6945 |
| Email | l.pyper@larsenbuildingproducts.com |

1.4. Emergency telephone number

| | |
|----------------------------|--|
| Emergency telephone number | (00353) 01 809 2166 |
| Company | National Poisons Centre of Ireland 8am-10pm 7 days a week |

Further information


| | |
|---------|----------------------|
| UFI No. | XVYS-NF1Y-0995-N962. |
|---------|----------------------|

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

| | |
|--------------------------------------|---|
| 2.1.2. Classification - EC 1272/2008 | Skin Irrit. 2: H315; Skin Sens. 1: H317; Eye Irrit. 2: H319; Aquatic Chronic 2: H411; |
|--------------------------------------|---|

2.2. Label elements

| | |
|-------------------|---|
| Hazard pictograms |  |
| Signal Word | Warning |
| Hazard Statement | Skin Irrit. 2: H315 - Causes skin irritation. |

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2.2. Label elements

| | |
|--|--|
| Precautionary Statement: Prevention | Skin Sens. 1: H317 - May cause an allergic skin reaction. Eye Irrit. 2: H319 - Causes serious eye irritation. Aquatic Chronic 2: H411 - Toxic to aquatic life with long lasting effects. |
| | P261 - Avoid breathing dust/fume/gas/mist/vapours/spray. P264 - Wash thoroughly after handling. P272 - Contaminated work clothing should not be allowed out of the workplace. P273 - Avoid release to the environment. P280 - Wear protective gloves/protective clothing/eye protection/face protection. |
| Precautionary Statement: Response | P302+P352 - IF ON SKIN: Wash with plenty of water/ . P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P321 - Specific treatment (see on this label). P332+P313 - If skin irritation occurs: Get medical advice/attention. P333+P313 - If skin irritation or rash occurs: Get medical advice/attention. P337+P313 - If eye irritation persists: Get medical advice/attention. P391 - Collect spillage. |
| Precautionary Statement: Disposal | P501 - Dispose of contents/container to licensed waste disposal site |

SECTION 3: Composition/information on ingredients

3.2. Mixtures

EC 1272/2008

| Chemical Name | Index No. | CAS No. | EC No. | REACH Registration Number | Conc. (%w/w) | Classification |
|--|--------------|------------|-----------|---------------------------|--------------|---|
| Bisphenol A-(epichlorhydrin) (reaction product) | 603-074-00-8 | 25068-38-6 | 500-033-5 | | 70 - 80% | Eye Irrit. 2: H319; Skin Irrit. 2: H315; Skin Sens. 1: H317; Aquatic Chronic 2: H411; |
| Resin Dilutant | | 68609-97-2 | 271-846-8 | | 20 - 30% | Skin Irrit. 2: H315; Skin Sens. 1: H317; |
| Air Release Additive | | | | | 1 - 10% | Flam. Liq. 3: H226; Asp. Tox. 1: H304; STOT SE 3: H335; STOT SE 3: H336; Aquatic Chronic 2: H411; |

SECTION 4: First aid measures

4.1. Description of first aid measures

| | |
|---------------------|---|
| Inhalation | Irritating to respiratory system. Inhalation may cause coughing, tightness of the chest and irritation of the respiratory system. Move the exposed person to fresh air. Seek medical attention. |
| Eye contact | Irritating to eyes. Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention if irritation or symptoms persist. |
| Skin contact | Irritating to skin. Wash off immediately with plenty of soap and water. Remove contaminated clothing. Seek medical attention if irritation or symptoms persist. |
| Ingestion | Ingestion may cause nausea and vomiting. Seek medical attention if irritation or symptoms persist. DO NOT INDUCE VOMITING. |

SECTION 5: Firefighting measures

5.1. Extinguishing media

| | |
|--|----------------|
| | Carbon oxides. |
|--|----------------|

5.2. Special hazards arising from the substance or mixture

| | |
|--|---|
| | Burning produces irritating, toxic and obnoxious fumes. |
|--|---|

5.3. Advice for firefighters

| | |
|--|---|
| | Wear suitable respiratory equipment when necessary. |
|--|---|

SECTION 6: Accidental release measures

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6.1. Personal precautions, protective equipment and emergency procedures

| | |
|--|--|
| | Ensure adequate ventilation of the working area. Wear suitable protective equipment. |
|--|--|

6.2. Environmental precautions

| | |
|--|---|
| | Do not allow product to enter drains. Prevent further spillage if safe. |
|--|---|

6.3. Methods and material for containment and cleaning up

| | |
|--|---|
| | Absorb with inert, absorbent material. Sweep up. Transfer to suitable, labelled containers for disposal. Clean spillage area thoroughly with plenty of water. |
|--|---|

SECTION 7: Handling and storage

7.1. Precautions for safe handling

| | |
|--|--|
| | Avoid contact with eyes and skin. Ensure adequate ventilation of the working area. Adopt best Manual Handling considerations when handling, carrying and dispensing. |
|--|--|

7.2. Conditions for safe storage, including any incompatibilities

| | |
|--|--|
| | Keep in a cool, dry, well ventilated area. Keep containers tightly closed. Store in correctly labelled containers. |
|--|--|

SECTION 8: Exposure controls/personal protection

8.2. Exposure controls

| | |
|---|---|
| 8.2.1. Appropriate engineering controls | Ensure adequate ventilation of the working area. |
| 8.2.2. Individual protection measures | Wear chemical protective clothing. |
| Eye / face protection | Approved safety goggles. |
| Skin protection - Handprotection | Chemical resistant gloves (PVC). |
| Respiratory protection | In case of insufficient ventilation, wear suitable respiratory equipment. |

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

| | |
|---|--------------------|
| Appearance | Liquid |
| Colour | Colourless |
| Odour | Slight |
| pH | Not applicable. |
| Flash point | Not determined |
| Upper Explosive Limit | Not determined |
| Lower Explosive Limit | Not determined |
| Vapour pressure | Not determined |
| Relative Vapour Density | Not relevant |
| Partition coefficient (n-octanol/water) | Not determined |
| Autoignition temperature | Not determined |
| Decomposition temperature | Not determined |
| Viscosity | 565 cP |
| Solubility | Insoluble in water |

9.2. Other information

| | |
|----------------------------------|-------------------------------|
| Specific gravity | 1.02 - 1.12 g/cm ³ |
| VOC (Volatile organic compounds) | Not determined |

SECTION 10: Stability and reactivity

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10.2. Chemical stability

Stable under normal conditions.

SECTION 11: Toxicological information

11.1 Information on hazard classes

| | |
|-----------------------------------|--|
| Acute toxicity | Not classified (Based on available data, the classification criteria are not met). |
| Skin corrosion/irritation | Causes skin irritation. |
| Serious eye damage/irritation | Causes serious eye irritation. |
| Respiratory or skin sensitisation | May cause an allergic skin reaction. |
| Germ cell mutagenicity | Not classified (Based on available data, the classification criteria are not met). |
| Carcinogenicity | Not classified (Based on available data, the classification criteria are not met). |
| Reproductive toxicity | Not classified (Based on available data, the classification criteria are not met). |
| STOT-single exposure | Not classified (Based on available data, the classification criteria are not met). |
| STOT-repeated exposure | Not classified (Based on available data, the classification criteria are not met). |

11.1.4. Toxicological Information

No data available

SECTION 12: Ecological information

12.1. Toxicity

No data available

Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

SECTION 13: Disposal considerations

General information

Dispose of in compliance with all local and national regulations.

SECTION 14: Transport information

Hazard pictograms



14.1. UN number

UN3082

14.2. UN proper shipping name

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.

14.3. Transport hazard class(es)

| | |
|-----------------|---|
| ADR/RID | 9 |
| Subsidiary risk | - |
| IMDG | 9 |
| Subsidiary risk | - |
| IATA | 9 |
| Subsidiary risk | - |

14.4. Packing group

Packing group III

14.5. Environmental hazards

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14.5. Environmental hazards

| | |
|-----------------------|-----|
| Environmental hazards | Yes |
| Marine pollutant | Yes |

ADR/RID

| | |
|-----------------|-----|
| Hazard ID | 90 |
| Tunnel Category | (E) |

IMDG

| | |
|----------|---------|
| EmS Code | F-A S-F |
|----------|---------|

IATA

| | |
|---------------------------------|-------|
| Packing Instruction (Cargo) | 964 |
| Maximum quantity | 450 L |
| Packing Instruction (Passenger) | 964 |
| Maximum quantity | 450 L |

Further information

| | |
|--|--|
| | The product is not classified as dangerous for carriage. |
|--|--|

SECTION 15: Regulatory information

SECTION 16: Other information

Other information

| | |
|--|--|
| Revision | This document differs from the previous version in the following areas: 2 - Hazard pictograms. |
| Text of Hazard Statements in Section 3 | Skin Irrit. 2: H315 - Causes skin irritation. Skin Sens. 1: H317 - May cause an allergic skin reaction. Eye Irrit. 2: H319 - Causes serious eye irritation. Aquatic Chronic 2: H411 - Toxic to aquatic life with long lasting effects. Flam. Liq. 3: H226 - Flammable liquid and vapour. Asp. Tox. 1: H304 - May be fatal if swallowed and enters airways. STOT SE 3: H335 - May cause respiratory irritation. STOT SE 3: H336 - May cause drowsiness or dizziness. |

Further information

| | |
|--|--|
| | The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. This 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 other process. |
|--|--|

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Multigrout EP Pt B

Revision 9

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

1.1. Product identifier

| | |
|--|---------------------------|
| Product name | Multigrout EP Pt B |
| Other means of identification / UFI | UFI: 3EST-DFFG-K99P-UWUH. |

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

| | |
|--------------------|---|
| Product Use | [SU22] Professional uses: Public domain (administration, education, entertainment, services, craftsmen); [SU19] Building and construction work; [PC0] Other; [PROC5] Mixing or blending in batch processes for formulation of preparations and articles (multistage and/or significant contact); [ERC3] Formulation in materials; |
|--------------------|---|

1.3. Details of the supplier of the safety data sheet

| | |
|------------------|---|
| Company | Larsen Building Products Ltd |
| Address | 4 West Bank Road Belfast Harbour Industrial Estate Belfast BT3 9JL United Kingdom |
| Web | www.larsenbuildingproducts.com |
| Telephone | +44 (0)28 9077 4000 |
| Fax | +44 (0)28 9077 6945 |
| Email | l.pyper@larsenbuildingproducts.com |

1.4. Emergency telephone number


| | |
|-----------------------------------|--|
| Emergency telephone number | (00353) 01 809 2166 |
| Company | National Poisons Centre of Ireland 8am-10pm 7 days a week |

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

| | |
|---|--|
| 2.1.2. Classification - EC 1272/2008 | Acute Tox. 4: H302; Skin Corr. 1A: H314; STOT SE 3: H335; Aquatic Chronic 3: H412; |
|---|--|

2.2. Label elements

| | |
|--------------------------|---|
| Hazard pictograms |  |
| Signal Word | Danger |
| Hazard Statement | Acute Tox. 4: H302 - Harmful if swallowed. Skin Corr. 1A: H314 - Causes severe skin burns and eye damage. STOT SE 3: H335 - May cause respiratory irritation. Aquatic Chronic 3: H412 - Harmful to aquatic life with long lasting effects. |

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2.2. Label elements

| | |
|--|--|
| Precautionary Statement: Prevention | P260 - Do not breathe dust/fume/gas/mist/vapours/spray. P261 - Avoid breathing dust/fume/gas/mist/vapours/spray. P264 - Wash thoroughly after handling. P270 - Do not eat, drink or smoke when using this product. P271 - Use only outdoors or in a well-ventilated area. P273 - Avoid release to the environment. P280 - Wear protective gloves/protective clothing/eye protection/face protection. |
| Precautionary Statement: Response | P301+P312 - IF SWALLOWED: Call a POISON CENTER/doctor/ /if you feel unwell. P301+P330+P331 - IF SWALLOWED: rinse mouth. Do NOT induce vomiting. P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing. P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P310 - Immediately call a POISON CENTER/doctor/ . P312 - Call a POISON CENTER/doctor/ /if you feel unwell. P321 - Specific treatment (see on this label). P330 - Rinse mouth. P363 - Wash contaminated clothing before reuse. |
| Precautionary Statement: Storage | P403+P233 - Store in a well-ventilated place. Keep container tightly closed. P405 - Store locked up. |
| Precautionary Statement: Disposal | P501 - Dispose of contents/container to licensed waste disposal site |

SECTION 3: Composition/information on ingredients

3.2. Mixtures

EC 1272/2008

| Chemical Name | Index No. | CAS No. | EC No. | REACH Registration Number | Conc. (%w/w) | Classification |
|-----------------------------------|--------------|------------|-----------|---------------------------|--------------|--|
| 2-methy-1,5-pentamethylenediamine | | 15520-10-2 | | | 70 - 80% | Acute Tox. 4: H302; Skin Corr. 1A: H314; Eye Dam. 1: H318; STOT SE 3: H335; Aquatic Chronic 3: H412; |
| Benzyl alcohol | 603-057-00-5 | 100-51-6 | 202-859-9 | | 20 - 30% | Acute Tox. 4: H332; Acute Tox. 4: H302; |
| Salicylic Acid | | 69-72-7 | 200-712-3 | | 1 - 10% | Acute Tox. 4: H302; Eye Dam. 1: H318; |

SECTION 4: First aid measures

4.1. Description of first aid measures

| | |
|---------------------|---|
| Inhalation | Harmful by inhalation. Inhalation may cause nausea and vomiting. May cause dizziness and headache. Move the exposed person to fresh air. Seek medical attention. |
| Eye contact | May cause irritation to eyes. Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention if irritation or symptoms persist. |
| Skin contact | May cause irritation to skin. May cause dermatitis. Wash off immediately with plenty of soap and water. Remove contaminated clothing. Seek medical attention if irritation or symptoms persist. |
| Ingestion | Harmful if swallowed. Ingestion may cause nausea and vomiting. Ingestion is irritating to the respiratory tract and may cause damage to the central nervous system. DO NOT INDUCE VOMITING. If swallowed, seek medical advice immediately and show this container or label. |

SECTION 5: Firefighting measures

5.1. Extinguishing media

| | |
|--|---|
| | Use as appropriate: Carbon dioxide (CO2), Dry chemical, Foam. |
|--|---|

5.2. Special hazards arising from the substance or mixture

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5.2. Special hazards arising from the substance or mixture

| | |
|--|---|
| | Burning produces irritating, toxic and obnoxious fumes. |
|--|---|

5.3. Advice for firefighters

| | |
|--|---|
| | Self-contained breathing apparatus. Wear protective clothing. |
|--|---|

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

| | |
|--|--|
| | Ensure adequate ventilation of the working area. Wear suitable protective equipment. |
|--|--|

6.2. Environmental precautions

| | |
|--|---|
| | Do not allow product to enter drains. Prevent further spillage if safe. |
|--|---|

6.3. Methods and material for containment and cleaning up

| | |
|--|---|
| | Absorb with inert, absorbent material. Transfer to suitable, labelled containers for disposal. Clean spillage area thoroughly with plenty of water. |
|--|---|

SECTION 7: Handling and storage

7.1. Precautions for safe handling

| | |
|--|--|
| | Avoid contact with eyes and skin. Ensure adequate ventilation of the working area. Adopt best Manual Handling considerations when handling, carrying and dispensing. |
|--|--|

7.2. Conditions for safe storage, including any incompatibilities

| | |
|--|--|
| | Keep in a cool, dry, well ventilated area. Keep containers tightly closed. |
|--|--|

SECTION 8: Exposure controls/personal protection

8.2. Exposure controls

8.2.1. Appropriate engineering controls

| | |
|--|--|
| | Ensure adequate ventilation of the working area. |
|--|--|

8.2.2. Individual protection measures

| | |
|--|------------------------------------|
| | Wear chemical protective clothing. |
|--|------------------------------------|

Eye / face protection

| | |
|--|--------------------------|
| | Approved safety goggles. |
|--|--------------------------|

Skin protection - Handprotection

| | |
|--|----------------------------------|
| | Chemical resistant gloves (PVC). |
|--|----------------------------------|

Respiratory protection

| | |
|--|---|
| | Wear protective clothing. In case of insufficient ventilation, wear suitable respiratory equipment. |
|--|---|

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

| | |
|--|----------------------------|
| Appearance | Liquid |
| Colour | Colourless to straw yellow |
| Odour | Slight |
| pH | Not relevant |
| Initial boiling point | Not determined |
| Flash point | Not determined |
| Upper Explosive Limit | Not determined |
| Lower Explosive Limit | Not determined |
| Vapour pressure | Not determined |
| Relative Vapour Density | Not determined |
| Partition coefficient (n-octanol/water) | Not determined |
| Autoignition temperature | Not determined |
| Decomposition temperature | Not determined |
| Viscosity | 18 cP |
| Solubility | Insoluble in water |

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9.2. Other information

| | |
|----------------------------------|-------------------------------|
| Specific gravity | 0.89 - 0.99 g/cm ³ |
| VOC (Volatile organic compounds) | Not determined |

SECTION 10: Stability and reactivity

10.2. Chemical stability

| | |
|--|---------------------------------|
| | Stable under normal conditions. |
|--|---------------------------------|

SECTION 11: Toxicological information

11.1 Information on hazard classes

| | |
|-----------------------------------|--|
| Acute toxicity | Harmful if swallowed. |
| Skin corrosion/irritation | Causes severe skin burns and eye damage. |
| Serious eye damage/irritation | Causes severe skin burns and eye damage. |
| Respiratory or skin sensitisation | May cause an allergic skin reaction. |
| Germ cell mutagenicity | Not classified (Based on available data, the classification criteria are not met). |
| Carcinogenicity | Not classified (Based on available data, the classification criteria are not met). |
| Reproductive toxicity | Not classified (Based on available data, the classification criteria are not met). |
| STOT-single exposure | Not classified (Based on available data, the classification criteria are not met). |
| STOT-repeated exposure | Not classified (Based on available data, the classification criteria are not met). |

11.1.4. Toxicological Information

| | |
|--|-------------------|
| | No data available |
|--|-------------------|

SECTION 12: Ecological information

12.1. Toxicity

| | |
|--|-------------------|
| | No data available |
|--|-------------------|


SECTION 13: Disposal considerations

General information

| | |
|--|---|
| | Dispose of in compliance with all local and national regulations. |
|--|---|

SECTION 14: Transport information

Hazard pictograms

| | |
|--|---|
| |  |
|--|---|

14.1. UN number

| | |
|--|--------|
| | UN2327 |
|--|--------|

14.2. UN proper shipping name

| | |
|--|-------------------------------|
| | TRIMETHYLHEXAMETHYLENEDIAMINE |
|--|-------------------------------|

14.3. Transport hazard class(es)

| | |
|-----------------|---|
| ADR/RID | 8 |
| Subsidiary risk | - |
| IMDG | 8 |
| Subsidiary risk | - |
| IATA | 8 |

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14.3. Transport hazard class(es)

| | |
|-----------------|---|
| Subsidiary risk | - |
|-----------------|---|

14.4. Packing group

| | |
|---------------|-----|
| Packing group | III |
|---------------|-----|

14.5. Environmental hazards

| | |
|-----------------------|----|
| Environmental hazards | No |
| Marine pollutant | No |

ADR/RID

| | |
|-----------------|-----|
| Hazard ID | 80 |
| Tunnel Category | (E) |

IMDG

| | |
|----------|---------|
| EmS Code | F-A S-B |
|----------|---------|

IATA

| | |
|---------------------------------|------|
| Packing Instruction (Cargo) | 856 |
| Maximum quantity | 60 L |
| Packing Instruction (Passenger) | 852 |
| Maximum quantity | 5 L |

SECTION 15: Regulatory information

SECTION 16: Other information

Other information

| | |
|--|--|
| Revision | This document differs from the previous version in the following areas: 1 - Other means of identification / UFI. 2 - 2.1.2. Classification - EC 1272/2008. 2 - Precautionary Statement: Prevention. 2 - Precautionary Statement: Response. 2 - Precautionary Statement: Storage. 12 - 12.1. Toxicity. |
| Text of Hazard Statements in Section 3 | Acute Tox. 4: H302 - Harmful if swallowed. Skin Corr. 1A: H314 - Causes severe skin burns and eye damage. Eye Dam. 1: H318 - Causes serious eye damage. STOT SE 3: H335 - May cause respiratory irritation. Aquatic Chronic 3: H412 - Harmful to aquatic life with long lasting effects. Acute Tox. 4: H332 - Harmful if inhaled. |

Further information

| | |
|--|--|
| | The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. This 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 other process. |
|--|--|

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Multigrout EP Pt C

Revision 7
Revision date 2023-10-25

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

1.1. Product identifier

| | |
|---------------------|--------------------|
| Product name | Multigrout EP Pt C |
|---------------------|--------------------|

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

| | |
|--------------------|---|
| Product Use | [SU22] Professional uses: Public domain (administration, education, entertainment, services, craftsmen); [SU19] Building and construction work; [PC0] Other; [PROC5] Mixing or blending in batch processes for formulation of preparations and articles (multistage and/or significant contact); [ERC3] Formulation in materials; |
|--------------------|---|

1.3. Details of the supplier of the safety data sheet

| | |
|------------------|---|
| Company | Larsen Building Products Ltd |
| Address | 4 West Bank Road Belfast Harbour Industrial Estate Belfast BT3 9JL United Kingdom |
| Web | www.larsenbuildingproducts.com |
| Telephone | +44 (0)28 9077 4000 |
| Fax | +44 (0)28 9077 6945 |
| Email | l.pyper@larsenbuildingproducts.com |

1.4. Emergency telephone number


| | |
|-----------------------------------|--|
| Emergency telephone number | (00353) 01 809 2166 |
| Company | National Poisons Centre of Ireland 8am-10pm 7 days a week |

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

| | |
|---|------------------|
| 2.1.2. Classification - EC 1272/2008 | STOT RE 2: H373; |
|---|------------------|

2.2. Label elements

| | |
|--|---|
| Hazard pictograms |  |
| Signal Word | Warning |
| Hazard Statement | STOT RE 2: H373 - May cause damage to organs through prolonged or repeated exposure . |
| Precautionary Statement: Prevention | P260 - Do not breathe dust/fume/gas/mist/vapours/spray. |
| Precautionary Statement: Response | P314 - Get medical advice/attention if you feel unwell. |

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2.2. Label elements

| | |
|--|---|
| Precautionary Statement: Disposal | P501 - Dispose of contents/container to appropriate waste disposal site |
|--|---|

SECTION 3: Composition/information on ingredients

3.2. Mixtures

EC 1272/2008

| Chemical Name | Index No. | CAS No. | EC No. | REACH Registration Number | Conc. (%w/w) | Classification |
|-------------------------------------|-----------|------------|-----------|---------------------------|--------------|------------------|
| Silica Sand (<1% Respirable Quartz) | | 14808-60-7 | 238-878-4 | | 80 - 90% | |
| Silica Flour | | 14808-60-7 | | | 10 - 20% | STOT RE 2: H373; |

SECTION 4: First aid measures

4.1. Description of first aid measures

| | |
|---------------------|---|
| Inhalation | May cause irritation to mucous membranes. Move the exposed person to fresh air. |
| Eye contact | May cause irritation to eyes. Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention if irritation or symptoms persist. |
| Skin contact | May cause irritation to skin. Wash off immediately with plenty of soap and water. Remove contaminated clothing. Seek medical attention if irritation or symptoms persist. |
| Ingestion | May cause irritation to mucous membranes. DO NOT INDUCE VOMITING. Seek medical attention if irritation or symptoms persist. |

SECTION 5: Firefighting measures

5.1. Extinguishing media

| | |
|--|---|
| | Use extinguishing media appropriate to the surrounding fire conditions. |
|--|---|

5.2. Special hazards arising from the substance or mixture

| | |
|--|---|
| | Burning produces irritating, toxic and obnoxious fumes. |
|--|---|

5.3. Advice for firefighters

| | |
|--|---|
| | Wear suitable respiratory equipment when necessary. |
|--|---|

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

| | |
|--|--|
| | Ensure adequate ventilation of the working area. |
|--|--|

6.2. Environmental precautions

| | |
|--|---|
| | Do not allow product to enter drains. Prevent further spillage if safe. |
|--|---|

6.3. Methods and material for containment and cleaning up

| | |
|--|--|
| | Sweep up. Transfer to suitable, labelled containers for disposal. Clean spillage area thoroughly with plenty of water. |
|--|--|

SECTION 7: Handling and storage

7.1. Precautions for safe handling

| | |
|--|--|
| | Avoid contact with eyes and skin. Ensure adequate ventilation of the working area. Adopt best Manual Handling considerations when handling, carrying and dispensing. |
|--|--|

7.2. Conditions for safe storage, including any incompatibilities

| | |
|--|--|
| | Keep in a cool, dry, well ventilated area. Keep containers tightly closed. Store in correctly labelled containers. |
|--|--|

SECTION 8: Exposure controls/personal protection

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8.1. Control parameters

8.1.1. Exposure Limit Values

| | | |
|-------------------------------------|---|---|
| Silica Sand (<1% Respirable Quartz) | WEL 8-hr limit ppm: | WEL 8-hr limit mg/m3: 0.1 |
| | WEL 15 min limit ppm: | WEL 15 min limit mg/m3: |
| | WEL 8-hr limit mg/m3 total inhalable dust: 10 | WEL 15 min limit mg/m3 total inhalable dust: |
| | WEL 8-hr limit mg/m3 total respirable dust: 4 | WEL 15 min limit mg/m3 total respirable dust: |

8.2. Exposure controls

| | |
|---|--|
| 8.2.1. Appropriate engineering controls | Ensure adequate ventilation of the working area. |
| 8.2.2. Individual protection measures | Wear protective clothing. |
| Eye / face protection | In case of splashing, wear:.. Approved safety goggles. |
| Skin protection - Handprotection | Chemical resistant gloves (PVC). |

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

| | |
|---|--------------------|
| Appearance | Powder |
| Colour | Brown |
| Odour | Odourless |
| Initial boiling point | Not applicable. |
| Flash point | Not applicable. |
| Upper Explosive Limit | Not applicable. |
| Lower Explosive Limit | Not applicable. |
| Vapour pressure | Not applicable. |
| Relative Vapour Density | Not applicable. |
| Partition coefficient (n-octanol/water) | Not applicable. |
| Autoignition temperature | Not applicable. |
| Decomposition temperature | Not applicable. |
| Viscosity | Not applicable. |
| Solubility | Insoluble in water |

9.2. Other information

| | |
|----------------------------------|-----------------|
| VOC (Volatile organic compounds) | Not applicable. |
| Bulk Density | Not determined |

SECTION 10: Stability and reactivity

10.2. Chemical stability

| | |
|--|---------------------------------|
| | Stable under normal conditions. |
|--|---------------------------------|

SECTION 11: Toxicological information

11.1 Information on hazard classes

| | |
|-------------------------------|--|
| Acute toxicity | Not classified (Based on available data, the classification criteria are not met). |
| Skin corrosion/irritation | Not classified (Based on available data, the classification criteria are not met). |
| Serious eye damage/irritation | Not classified (Based on available data, the classification criteria are not met). |

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11.1 Information on hazard classes

| | |
|-----------------------------------|--|
| Respiratory or skin sensitisation | May cause respiratory irritation. |
| Germ cell mutagenicity | Not classified (Based on available data, the classification criteria are not met). |
| Carcinogenicity | Not classified (Based on available data, the classification criteria are not met). |
| Reproductive toxicity | Not classified (Based on available data, the classification criteria are not met). |
| STOT-single exposure | Not classified (Based on available data, the classification criteria are not met). |
| STOT-repeated exposure | May cause respiratory irritation. |

11.1.4. Toxicological Information

| | |
|--|-------------------|
| | No data available |
|--|-------------------|

SECTION 12: Ecological information

12.1. Toxicity

| | |
|--|-------------------|
| | No data available |
|--|-------------------|

SECTION 13: Disposal considerations

General information

| | |
|--|---|
| | Dispose of in compliance with all local and national regulations. |
|--|---|

SECTION 14: Transport information

14.1. UN number

| | |
|--|--|
| | The product is not classified as dangerous for carriage. |
|--|--|

14.2. UN proper shipping name

| | |
|--|--|
| | The product is not classified as dangerous for carriage. |
|--|--|

14.3. Transport hazard class(es)

| | |
|--|--|
| | The product is not classified as dangerous for carriage. |
|--|--|

14.4. Packing group

| | |
|--|--|
| | The product is not classified as dangerous for carriage. |
|--|--|

14.5. Environmental hazards

| | |
|--|--|
| | The product is not classified as dangerous for carriage. |
|--|--|

14.6. Special precautions for user

| | |
|--|--|
| | The product is not classified as dangerous for carriage. |
|--|--|

14.7 Maritime Transport in bulk according to IMO instruments

| | |
|--|--|
| | The product is not classified as dangerous for carriage. |
|--|--|

Further information

| | |
|--|--|
| | The product is not classified as dangerous for carriage. |
|--|--|

SECTION 15: Regulatory information

SECTION 16: Other information

Other information

| | |
|----------|--|
| Revision | This document differs from the previous version in the following areas: 9 - 9.1. Information on basic physical and chemical properties (Initial boiling point). 9 - 9.1. Information on basic physical and chemical properties (Flash point). 9 - 9.1. Information on basic physical and chemical properties (Autoignition temperature). 9 - 9.1. Information on basic physical and chemical properties (Vapour pressure). |
|----------|--|

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Other information

| | |
|--|--|
| <p>Text of Hazard Statements in Section 3</p> | <p>9 - 9.1. Information on basic physical and chemical properties (Viscosity). 9 - 9.1. Information on basic physical and chemical properties (Relative Vapour Density). 9 - 9.1. Information on basic physical and chemical properties (Upper Explosive Limit). 9 - 9.1. Information on basic physical and chemical properties (Lower Explosive Limit). 9 - 9.1. Information on basic physical and chemical properties (Decomposition temperature). 9 - 9.1. Information on basic physical and chemical properties (Solubility). 9 - 9.1. Information on basic physical and chemical properties (Partition coefficient (n-octanol/water)). 9 - 9.2. Other information (Product Subcategory). 9 - 9.2. Other information (Bulk Density). 11 - Acute toxicity. 11 - Skin corrosion/irritation. 11 - Respiratory or skin sensitisation. 11 - Germ cell mutagenicity. 11 - Carcinogenicity. 11 - Reproductive toxicity. 11 - Serious eye damage/irritation. 11 - STOT-single exposure. 11 - STOT-repeated exposure. 16 - Maximum content of VOC.</p> <hr/> <p>STOT RE 2: H373 - May cause damage to organs through prolonged or repeated exposure .</p> |
|--|--|

Further information

| | |
|--|---|
| | <p>The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. This 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 other process.</p> |
|--|---|