

SAFETY DATA SHEET

according to Regulation (EU) 2015/830

Page 1/6

Imaginix M-21 (SS)

Revision 1

Revision date 2018-05-06

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

1.1. Product identifier

| | |
|---------------------|--------------------|
| Product name | Imaginix M-21 (SS) |
|---------------------|--------------------|

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

| | |
|--------------------|---------------|
| Description | Printing Ink. |
|--------------------|---------------|

1.3. Details of the supplier of the safety data sheet


| | |
|--|---|
| Company | Fennemania |
| Address | Fok 8, 8441 BK, Heerenveen, The Netherlands |
| Telephone | +31 (0) 615609114 |
| Email | info@fennemania.com |
| Email address of the competent person | info@fennemania.com |

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

| | |
|---|--|
| 2.1.1. Classification - 1999/45/EC | Xn; R21 Xi; R37/38 Symbols: Xn: Harmful. |
| Main hazards | Harmful in contact with skin. Irritating to respiratory system and skin. |
| 2.1.2. Classification - EC 1272/2008 | Skin Irrit. 2: H315; Eye Dam. 1: H318; Repr. 1A: H360; |

2.2. Label elements

| | |
|--------------------------|---|
| Hazard pictograms |  |
| Signal Word | Danger |
| Hazard Statement | Skin Irrit. 2: H315 - Causes skin irritation. Eye Dam. 1: H318 - Causes serious eye damage. Repr. 1A: H360 - May damage fertility or the unborn child . |

2.3. Other hazards

| | |
|----------------------|--------------------|
| Other hazards | No data available. |
|----------------------|--------------------|

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Imaginix M-21 (SS)

Revision 1

Revision date 2018-05-06

3.2. Mixtures

67/548/EEC / 1999/45/EC

| Chemical Name | Index No. | CAS No. | EC No. | REACH Registration Number | Conc. (%w/w) | Classification | M-factor. |
|---------------------------------|-----------|----------|-----------|---------------------------|--------------|--------------------|-----------|
| Diethylene glycol diethyl ether | | 112-36-7 | 203-963-7 | | 50 - 60% | Xn; R21 Xi; R37/38 | |

EC 1272/2008

| Chemical Name | Index No. | CAS No. | EC No. | REACH Registration Number | Conc. (%w/w) | Classification | M-factor. |
|-------------------------------------|-----------|----------|-----------|---------------------------|--------------|--|-----------|
| Diethylene glycol diethyl ether | | 112-36-7 | 203-963-7 | | 50 - 60% | Skin Irrit. 2: H315; | |
| Tetraethylene glycol dimethyl ether | | 143-24-8 | | | 10 - 20% | Repr. 1A: H360; Repr. 1B: H360; | |
| gamma-Butyrolactone | | 96-48-0 | | | 1 - 10% | Acute Tox. 4: H302; Eye Dam. 1: H318; STOT SE 3: H336; | |

SECTION 4: First aid measures

4.1. Description of first aid measures

| | |
|--------------|--|
| Inhalation | Move the exposed person to fresh air. Seek medical attention. |
| Eye contact | Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention. |
| Skin contact | Wash off immediately with plenty of soap and water. Remove contaminated clothing. Treat as for inhalation if any signs of poisoning are present. |
| Ingestion | DO NOT INDUCE VOMITING. Seek medical attention. |

4.2. Most important symptoms and effects, both acute and delayed

| | |
|--------------|---|
| Inhalation | Inhalation may cause coughing, tightness of the chest and irritation of the respiratory system. Inhalation of vapour may cause shortness of breath. |
| Eye contact | May cause irritation to eyes. |
| Skin contact | May cause irritation to skin. Repeated exposure may cause skin dryness or cracking. |
| Ingestion | Ingestion is irritating to the respiratory tract and may cause damage to the central nervous system. Ingestion may cause nausea and vomiting. |

4.3. Indication of any immediate medical attention and special treatment needed

| | |
|--------------|-------------------------|
| Inhalation | Seek medical attention. |
| Eye contact | Seek medical attention. |
| Skin contact | Seek medical attention. |
| Ingestion | Seek medical attention. |

SECTION 5: Firefighting measures

5.1. Extinguishing media

| | |
|--|--|
| | Extinguishing media. Alcohol resistant foam. Carbon dioxide (CO ₂). Dry powder or water fog. Water spray, fog or mist. Do NOT use water jet. |
|--|--|

5.2. Special hazards arising from the substance or mixture

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

5.3. Advice for firefighters

| | |
|--|--|
| | In case of fire and/or explosion do not breathe fumes. Wear: Self-contained breathing apparatus. Protective equipment. |
|--|--|

Further information

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

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Imaginix M-21 (SS)

Revision 1

Revision date 2018-05-06

6.1. Personal precautions, protective equipment and emergency procedures

| | |
|--|-----------------------------------|
| | Avoid contact with skin and eyes. |
|--|-----------------------------------|

6.2. Environmental precautions

| | |
|--|---|
| | Advise local authorities if large spills cannot be contained. Do not allow product to enter drains. Prevent further spillage if safe. |
|--|---|

6.3. Methods and material for containment and cleaning up

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

6.4. Reference to other sections

| | |
|--|--|
| | See Section 8 for information on appropriate personal protective equipment. See Section 13 for additional waste treatment information. |
|--|--|

Further information

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

SECTION 7: Handling and storage

7.1. Precautions for safe handling

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

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. Keep away from sources of ignition - No smoking. |
|--|---|

7.3. Specific end use(s)

| | |
|--|----------------------------------|
| | Used in Industrial applications. |
|--|----------------------------------|

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

| | |
|--|---------------------|
| | Control parameters. |
|--|---------------------|

8.2. Exposure controls

| | |
|---|--|
| | No data available. |
| 8.2.1. Appropriate engineering controls | Ensure adequate ventilation of the working area. |
| 8.2.2. Individual protection measures | Wear chemical protective clothing. Suitable foot protection e.g. boots. Wear suitable protective clothing. Wear suitable gloves and eye/face protection. |
| Eye / face protection | Approved safety goggles. |
| Skin protection - Handprotection | Chemical resistant gloves (PVC). |
| Skin protection - Other | Wear suitable protective clothing and gloves. |
| Respiratory protection | Self-contained breathing apparatus. |
| Thermal hazards | No data available. |

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

ImaginX M-21 (SS)

Revision 1

Revision date 2018-05-06

9.1. Information on basic physical and chemical properties

| | |
|----------------------------------|---|
| Appearance | Liquid |
| Colour | Cyan, Magenta, Yellow, Black, Light Cyan, Light Magenta |
| Odour | not specified |
| Relative density | 0.98 (H ₂ O = 1 @ 20 °C) |
| Initial boiling point | 180 °C |
| Partition coefficient | No data available |
| Autoignition temperature | No data available |
| Viscosity | No data available |
| Explosive properties | No data available |
| Oxidising properties | No data available |
| Odour threshold | No data available |
| pH | No data available |
| Melting point | No data available |
| Evaporation rate | No data available |
| Flammability (solid, gas) | No data available |
| Vapour pressure | No data available |
| Vapour density | No data available |
| Flash point | > 67 °C |
| Solubility | Insoluble in water |

9.2. Other information

| | |
|---|-------------------|
| Conductivity | No data available |
| Surface tension | No data available |
| Gas group | No data available |
| Benzene Content | No data available |
| Lead content | No data available |
| VOC (Volatile organic compounds) | No data available |

SECTION 10: Stability and reactivity

10.1. Reactivity

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

10.2. Chemical stability

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

10.3. Possibility of hazardous reactions

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

10.4. Conditions to avoid

| | |
|--|-------------------------------|
| | Heat, sparks and open flames. |
|--|-------------------------------|

10.5. Incompatible materials

| | |
|--|--------------------------|
| | Strong oxidising agents. |
|--|--------------------------|

10.6. Hazardous decomposition products

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

Further information

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

SECTION 11: Toxicological information

Imaginx M-21 (SS)

Revision 1

Revision date 2018-05-06

SECTION 12: Ecological information

12.2. Persistence and degradability

No data available.

12.3. Bioaccumulative potential

No data available.

Partition coefficient

Imaginx M-21 (SS) No data available

Diethylene glycol diethyl ether No data available

12.4. Mobility in soil

No data available.

12.5. Results of PBT and vPvB assessment

No data available.

12.6. Other adverse effects

No data available.

Further information

No data available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

This product and it's container must be disposed of in accordance 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. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

The product is not classified as dangerous for carriage.

SECTION 15: Regulatory information

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

EU Commission Regulation 2015/830/EU: Amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).

15.2. Chemical safety assessment

Imaginx M-21 (SS)

Revision 1

Revision date 2018-05-06

15.2. Chemical safety assessment

| | |
|--|---|
| | This product contains substances for which Chemical Safety Assessment are still required. |
|--|---|

SECTION 16: Other information

Other information

| | |
|---|--|
| Text of risk phrases in Section 3 | R21 - Harmful in contact with skin. R37/38 - Irritating to respiratory system and skin. |
| Text of Hazard Statements in Section 3 | Skin Irrit. 2: H315 - Causes skin irritation. Repr. 1A: H360 - May damage fertility or the unborn child . Repr. 1B: H360 - May damage fertility or the unborn child . Acute Tox. 4: H302 - Harmful if swallowed. Eye Dam. 1: H318 - Causes serious eye damage. 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. |
|--|--|