

SAFETY DATA SHEET

ican Ms. Flo

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1) Identification of the substance/mixture and of the company/undertaking

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| 1.1 | Production Identifier Product name | Ms. Flo |
| 1.2 | Relevant identified uses of the substance or mixture and uses advised against Identified uses | Thinner for low solvent paints |
| 1.3 | Details of the supplier of the safety data sheet | eicó Paints Limited 861 - 863 Fulham Road London, UK - SW6 5HP +0845 073 9432 |
| 1.4 | Emergency telephone number | Contact National Centre via Hospital or Registered Medical Practitioner. |

2) Hazards identification

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| 2.1 | <u>Classification of the substance or mixture</u> | |
| | Physical hazards | Not classified |
| | Health hazards | Not classified |
| | Environmental hazards | Not classified |
| 2.2 | <u>Label elements</u> | Labelling according to Regulation (EC) No. 1272/2008 [CLP] |
| | Precautionary statements P102 | Keep out of reach of children. |
| | Special rules for supplemental label elements for certain mixtures Not applicable | |
| 2.3 | <u>Other hazards</u> | None |

3) Composition/Information on Ingredients

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| 3.2 | <u>Mixtures</u> Hazardous ingredients | None |
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4) First-aid measures

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| 4.1 | <u>Description of first-aid measures</u> <u>General</u> In case of an accident or if feeling any discomfort seek medical assistance immediately. Never attempt to give an unconscious person anything orally. If casualty is unconscious, place in a position that eases breathing and consult a physician. <u>Inhalation</u> Remove affected person to fresh air and keep warm and at rest in a position comfortable for breathing. | |
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Ingestion

Rinse water of affected person with plenty of water (if conscious). Contact physician if larger quantity has been consumed. Do not induce vomiting.

Skin contact

Remove contaminated clothing immediately. Wash skin thoroughly with soap and water. Do not use solvents or thinners.

Eye contact

Rinse immediately with plenty of water for 10 to 15 minutes with open eyelids. Remove contact lenses if any and continue rinsing. Get medical attention if irritation persists after washing.

4.2 Most important symptoms and effects, both acute and delayed

No information available

4.3 Indication of any immediate medical attention and specific treatment needed

None

5) Firefighting measures

5.1 Extinguishing mediaSuitable extinguishing media

Alcohol resistant foam, carbon dioxide (CO₂), extinguishing powder, water mist

Unsuitable extinguishing media

Do not use water jet as an extinguisher, as this will spread the fire.

5.2 Special hazards arising from the substance or mixtureSpecific hazards

Substance will produce dense black smoke. Exposure to decomposed products can prove to be a health hazard.

Hazardous combustion products

Thermal decomposition or combustion may liberate Carbon Monoxide, Carbon Dioxide (CO₂) and Nitrogen Oxide (NO_x).

5.3 Advice for firefightersProtective actions during firefighting

Cool containers exposed to heat with a water spray and remove them from the fire area if it can be done without risk. Control run-off water by containing and keeping it out of sewers and watercourses.

Special protective equipment for firefighters

Use protective equipment appropriate for surrounding materials and respirator.

6) Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Remove potential sources of ignition. Do not inhale fumes. See protective measures under points 7 and 8 of this safety data sheet.

- 6.2 Environmental precautions
Do not allow to enter into surface water or drains. In case of gas escape or of entry into waterways, soil or drains inform responsible authorities
- 6.3 Methods and materials for containing and cleaning up
Prevent spread and control spills (by containment or installing oil booms) immediately. Absorbing spillage with non-combustible, absorbent materials, eg. sand, earth, vermiculite, diatomaceous earth, and place in container for disposal according to local regulations (under point 13 of this safety data sheet). Clean with detergents. Avoid solvent cleaners.
- 6.4 Reference to other sections
None

7) Handling and storage

- 7.1 Precautions for safe handling
Avoid contact with skin, eyes and clothing. Avoid inhalation of gases, vapour or spray. Do not eat drink or smoke when using. See personal protection measures under section 8 of this safety data sheet. Never forcefully empty the container with pressure, keep substance in original container. Comply with safety and health conditions. Do not allow to enter groundwater, drains or sewage, even in small quantities.
- 7.2 Conditions for safe storage, including any incompatibilities
Store away from oxidising agents, strong alkalic and strong acidic materials to prevent exothermic reactions.
Storage area and container requirements
Keep container tightly sealed in a well-ventilated space at temperatures between 5°C and 35°C. Store away from sources of heat and direct sunlight. When using do not smoke. Only allow access to authorized staff. Prevent leaks and consequent groundwater pollution.
- 7.3 Specific end uses
None specified

8) Exposure Controls/personal protection

- 8.1 Control parameters
None
- 8.2 Measures to control exposure
Appropriate engineering controls
Ensure there is good ventilation by using local or general exhaust air collection. If not sufficient to keep the solvent vapour concentration below the exposure limits a breathing apparatus must be worn.
- Personal protection
- | | |
|-------------------------------|---|
| Eye and face protection | Wear suitable eye protection, tightly fitted safety glasses |
| <u>Skin protection</u> | |
| Hand protection | Wear chemical resistant safety shoes. |
| Suitable material | NBR (Nitrile rubber) |
| Required characteristics | DIN EN 374 |
| Breakthrough time | 480min (maximum wearing time) |
| Thickness of glove material | ±0.1/0.4mm |
| Additional hand protection | Wear protective gloves for each use, regularly checking their condition Use skin cleaning and skin care products after use. |
| <u>Body protection</u> | Not required |
| <u>Respiratory protection</u> | When spraying use air fed respirator. For other operations, in well ventilated areas, airfed respirators can be replaced with a combination of charcoal filter and particulate filter mask. |
| <u>Environmental exposure</u> | Do not discharge into drains or surface water. |

9) Physical and chemical properties

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| 9.1 | Information on basic physical and chemical properties | |
| | Appearance | Liquid |
| | Colour | White transparent |
| | Odour | Noticeable |
| | Odour threshold | No data available |
| | PH value | 7-9 |
| | Melting point/range | ca. 0°C |
| | Boiling point/range | ca. 100°C |
| | Flash point | >100°C |
| | Evaporation rate | No data available |
| | Flammability | No data available |
| | Lower explosion limit | No data available |
| | Upper explosion limit | No data available |
| | Vapour pressure (20°C) | No data available |
| | Relative vapour density (20°C) | No data available |
| | Density (20°C) | 0.95 - 1.05g/cm ³ |
| | Water solubility (20°C) | 100 Wt % |
| | Log PO/W | No data available |
| | Ignition temperature | No data available |
| | Decomposition temperature | No data available |
| | Viscosity (20°C) | ca. 500mPa·s |
| | Explosive properties | No data available |
| | Oxidising properties | No data available |

The product has not been tested on the properties that are listed on the safety data sheet as 'No data available'.

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| 9.2 | Other information | No |
|-----|-------------------|----|

10) Stability and reactivity

- 10.1 Reactivity
There are no known reactivity hazards associated with this product.
- 10.2 Chemical stability
Stable at normal ambient temperatures and when used as recommended. See storage and handling measures under points 7 of this safety data sheet.
- 10.3 Possibility of hazardous reactions
Avoid oxidising agents, strong alkalic and strong acidic materials to prevent exothermic reactions.
- 10.4 Conditions to avoid
Avoid high temperatures; may produce hazardous decomposition products such as carbon monoxide, carbon dioxide (CO₂) and nitrogen oxides (NO_x).
- 10.5 Incompatible materials
There is no information available
- 10.6 Hazardous decomposition products
Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.

11) Toxicological Information

- 11.1 Information on toxicological effects
There is no information available

12) Ecological Information

Ecotoxicity

Avoid release into the environment. Refer to special safety instructions.

Toxicity

No data recorded.

Persistence and degradability

No data recorded.

Bioaccumulative potential

No data recorded.

Mobility in soil

No data recorded.

Results of PBT and vPvB assessment

No data recorded

Other adverse effects

None known.

13) Disposal considerations

Waste treatment methods

Avoid release to the environment. Refer to special safety instructions. Waste disposal according to EC directives 75/442/EEC and 91/689/EEC in the corresponding versions, covering waste and hazardous waste. Contaminated packaging must be emptied and can be recycled following appropriate cleaning. Uncleaned packaging should be disposed of in the same manner as the medium.

14) Transport Information

General

The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).

UN Number

Not applicable

UN proper shipping name

Not applicable

Transport hazard class(es)

Not applicable

Packing group

Not applicable

Environmental hazards

Environmentally hazardous substances

No

Marine pollutant

No

Special precautions for user

Not applicable

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

15) Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
None

15.2 Chemical safety assessment
No chemical safety assessment has been carried out.

16) Other information

16.1 Indication of changes
02. Classification of the substance or mixture · 02. 02. Label elements · Labelling according to Regulation (EC) 1272/2008 [CLP] · 02. Special rules for supplemental label elements for certain mixtures · 02. Labelling (67/548 / EEC or 1999/45 / EC) · 02. Classification (67/548 / EEC or 1999/45 / EC) - Hazard Dest Mende component(s) of labeling · 02. Special designation for certain preparations · 03. Hazardous components.

16.2 Abbreviations and acronyms

| | |
|--------|---|
| ADR | European Agreement concerning the International Carriage of Dangerous Goods by Road |
| ASTM | American Society of Testing and Materials (US) |
| CAS No | Chemical Abstracts Service Number (see ACS - American Chemical Society) |
| DNEL | Derived No-Effect Level |
| DT50 | Degradation Time for 50% of compound |
| EbC50 | Median effective cincentration (biomass, eg. of algae) |
| EC50 | Median effective concentration |
| EINECS | European Inventory of Existing Commercial Chemical Substance |
| ELINCS | European List of Notified (New) Chemicals (see Tab 7, Background - Guide) |
| ErC50 | Median effective concentration (growth rate, eg. of algae) |
| EWC | European Waste Cataologue |
| IATA | International Air Transport Association |
| IC50 | Concentration that produces 50% inhibition |
| IMDG | International Maritime Dangerous Goods Code |
| IMO | International Maritime Organization |
| LC50 | Concentration required to kill 50% of test organisms |
| LD50 | Dose required to kill 50% of test organisms |
| LEL | Lower Explosive Limit/Lower Explosion Limit |
| LOAEL | Lowest observed aderse effect level |
| MRL | Maximum Residue Limit |
| NOAEL | No Observed Adverse Effect Level |
| NOEC | No Observed Effect Concentration |
| OEL | Occupational Exposure Limits |
| PBT | Persistent, Bioaccumulative or Toxin |
| PNEC | Predicted Non Effect Concentration |
| STEL | Short-Term Exposure Limit |
| TWA | Time-Weighted Average |
| vPvB | Very Persistent and Very Bioaccumulative |