



Safety Data Sheet


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1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY

| | |
|--------------|--|
| PRODUCT NAME | PRINTERS WIPES |
| DESCRIPTION | Heavy-duty lint free wipes impregnated with a solution with a sweet smelling odour. For the removal of printers ink. |
| COMPANY | Rentokil Wiper Services, P.O. Box 63, Northside Road, Lidget Green, Bradford. BD7 2TN. United Kingdom. Freephone: 0800 526013 Head office: Felcourt, East Grinstead, West Sussex. RH19 2JY. United Kingdom. Telephone: +44 (0)1342 833022 Facsimile: +44 (0)1342 326229 |

2 HAZARD IDENTIFICATION

| | |
|---|---|
| CLASSIFICATION AND DANGER SYMBOL (SUPPLY – USE): In compliance with EC Directive 1999/45. | |
| X_i IRRITANT R36/38 Irritating to eyes and skin. |  |
| IRRITANT | |
| ADVERSE PHYSICOCHEMICAL, HUMAN HEALTH AND ENVIRONMENTAL EFFECTS (See also box 11): | |
| Combustion or thermal decomposition will liberate Carbon Dioxide and possibly Carbon Monoxide. | |
| Contact with Skin and Eyes may cause irritation. Inhalation may produce nausea and drowsiness in high concentrations. | |
| Adverse effects on the environment are unlikely, provided that the product is used as intended. | |

3 COMPOSITION / INFORMATION ON INGREDIENTS

| % w/w | COMMON*/CHEMICAL NAME, ELINCS/EINECS AND CAS OF INGREDIENTS | EC 1999/45 CLASSIFICATION |
|-----------|---|---|
| > 25 ≤ 50 | N-methyl-2-pyrrolidone* EINECS : 212-828-1 CAS : 872-50-4 | X _i – Irritant : R36/38 : Irritating to eyes and skin. |
| > 10 ≤ 25 | γ-Butyrolactone * EINECS : 212-828--38-9 CAS : 96-48-0 | X _n - Harmful : R22 : Harmful if swallowed. X _i - Irritant : R36/38 : Irritating to eyes and skin. |
| > 25 ≤ 50 | Glycol ether * EINECS : 225-878-4 CAS : 5131-66-8 | X _i - Irritant : R36/38 : Irritating to eyes and skin. |
| | | |

4 FIRST-AID MEASURES (see also "Adverse effects" in box 2)

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| INHALATION | Remove patient to fresh air, keep warm and at rest. Apply supportive measures if necessary and seek medical attention. |
| EYE CONTACT | Rinse affected eye with clean running water, or eyewash solution, for at least 15 minutes holding eyelids well apart. Rinse entire surface and do not allow run-off to contaminate unaffected eye. Seek medical attention. |
| SKIN CONTACT | Remove and wash contaminated clothing immediately. Wash affected area thoroughly with soap and water. If the patient feels unwell seek medical advice. |
| INGESTION (SWALLOWING) | Do NOT induce vomiting. If unconscious place in the recovery position and apply supportive measures if necessary. If conscious give patient up to 1 pint of water to drink. Seek medical attention. |
| EMERGENCY EQUIPMENT SUGGESTED | Appropriate first-aid equipment should be provided. For the UK this should be in accordance with the Health & Safety (First-Aid) Regulations 1981. See also the Approved Code of Practice "First-aid at Work". |
| NOTE TO DOCTOR | Further information on all Rentokil Initial formulations is lodged with the National Poisons Information Service in the UK. Telephone +44 (0) 870 600 6266 - 24 hours. |

5 FIRE FIGHTING MEASURES

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| FIRE EXTINGUISHER TYPE | Use foam, water fog, carbon dioxide or dry powder extinguishers. |
| SPECIAL FIRE-FIGHTING PROCEDURES | Wear self-contained breathing apparatus and suitable personal protective clothing. |
| SPECIAL EXPOSURE HAZARDS | Combustion or thermal decomposition will liberate carbon dioxide and possibly carbon monoxide. |

6 ACCIDENTAL RELEASE MEASURES

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| PERSONAL PRECAUTIONS (See also box 8) | Wear suitable personal protective equipment. |
| PROCEDURE (See also box 13) | Collect up spilt material and transfer to a suitable container for re-use or subsequent disposal. DO NOT contaminate watercourses or ground. |

7 HANDLING AND STORAGE

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| HANDLING | Avoid contact with skin and eyes. Wash hands and exposed skin before meals and after work. Empty container completely and dispose of safely. |
| Storage | Store in original container in a cool, dry, ventilated place away from sources of ignition. |

8 EXPOSURE CONTROLS/PERSONAL PROTECTION (See also box 7)

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| EXPOSURE STANDARD Directive EC/98/24 (1 st IOELV Directive) | N-methyl-2-pyrrolidone : 103 mg/m ³ long-term exposure (8 hour Time Weighted Average) 309 mg/m ³ short-term exposure (15 minute reference period). |
| ENGINEERING CONTROLS | Where prevention of exposure is not reasonably practicable, adequate control of exposure should be achieved by engineering controls rather than the provision of personal protective equipment and clothing. More specific details cannot be given without carrying out a full risk assessment for each and every use scenario. Suitable and approved personal protective equipment and clothing may include the following item(s): |
| EYE PROTECTION | Wear suitable eye protection such as goggles. |
| HAND PROTECTION | Wear suitable hand protection such as synthetic/PVC gloves. |
| SKIN PROTECTION | Wear suitable skin protection such as coveralls. |
| BREATHING PROTECTION | None necessary under normal working conditions. |
| ENVIRONMENTAL EXPOSURE CONTROLS | Product should be used in accordance with instructions given on the label and any spillage should be dealt with as a priority in order that contamination of watercourses or ground is avoided. |

9 PHYSICAL AND CHEMICAL PROPERTIES

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| APPEARANCE AND ODOUR | White impregnated wipes with a sweet odour. | | |
| pH | Not applicable. | SOLUBILITY IN WATER | Liquid is miscible in water. |
| DENSITY | For liquid: Approximately 1.0g/cm ³ . | SOLUBILITY IN FAT | No available data. |
| FLASH POINT | 63°C | EXPLOSIVE PROPERTIES | None known. |
| FLAMMABILITY | Non-flammable. | BOILING POINT/RANGE | 200-300°C. |
| AUTOFLAMMABILITY | 360°C | MELTING POINT/RANGE | Not determined. |
| VAPOUR DENSITY | Not applicable. | EVAPORATION RATE | Not determined. |
| VAPOUR PRESSURE | 4.0 at 80°C (Air = 1) | PARTITION COEFFICIENT | Not determined. |
| VISCOSITY | Not applicable. | OXIDISING PROPERTIES | None known. |
| OTHER DATA | None known. | | |

10 STABILITY AND REACTIVITY

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| CONDITIONS TO AVOID | Avoid extremes of temperature, e.g. below 0°C and above 40°C. |
| MATERIALS TO AVOID | Avoid contact with strong oxidising agents. |
| HAZARDOUS BREAKDOWN PRODUCTS | Combustion or thermal decomposition will liberate carbon dioxide and possibly carbon monoxide. |

11 TOXICOLOGICAL INFORMATION (see also box 2)

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| ACUTE TOXICITY | ORAL | Unlikely route of exposure. May be harmful if ingested in large quantities. |
| | INHALATION | May produce nausea and drowsiness at high concentrations. |
| | DERMAL | Product does not contain any components known to be toxic through acute dermal effect. |
| CORROSIVITY/IRRITATION | SKIN | Irritating to skin. |
| | EYES | Irritating to eyes. |
| | RESPIRATORY TRACT | No data available. |
| SENSITISATION | SKIN | Contains no known skin sensitisers. |
| | RESPIRATORY | Contains no known respiratory sensitisers. |
| REPEAT-DOSE TOXICITY | | Product does not contain any components known to have any effects relating to repeated-dose toxicity. |
| MUTAGENICITY | | Product does not contain any components known to have a mutagenic effect. |
| CARCINOGENICITY | | Product does not contain any components known to have a carcinogenic effect. |
| REPRODUCTIVE TOXICITY | FERTILITY | Product does not contain any components known to be toxic to the reproductive system, and having effects on fertility. |
| | DEVELOPMENT | Product does not contain any components known to be toxic to the reproductive system, and having effects on development |
| OTHER INFORMATION | | No specific antidote known. |

12 ECOLOGICAL INFORMATION

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| GENERAL INFORMATION | The full ecotoxicological profile of this product has not been evaluated. Do not contaminate the environment. |
| ECOTOXICITY DATA | Not expected to cause an adverse effect on the environment. |
| MOBILITY (OF APPROPRIATE CONSTITUENTS) | No data available. |
| PERSISTENCE AND DEGRADABILITY (OF APPROPRIATE CONSTITUENTS) | Liquid content is biodegradable and will evaporate readily. |
| BIOACCUMULATIVE POTENTIAL (OF APPROPRIATE CONSTITUENTS) | No data available. |
| ENVIRONMENTAL CONSIDERATIONS | This product does not contain any substances that are classified as dangerous to the environment. Thus, when supplied, used and disposed of as directed this product is not expected to present a danger to the environment. |
| OTHER ADVERSE EFFECTS | None known. |


13 DISPOSAL CONSIDERATIONS

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|--|--|--------------------------------|-----------|-------------------------|-----------|--------------|
| DISPOSAL OF WASTE | This product is classified as inherently biodegradable. In its' virgin state it may be disposed of as oil waste. Used or contaminated waste should be disposed of in accordance with the contaminant. | | | | | |
| DISPOSAL OF CONTAINERS: | Empty containers should be disposed of in accordance with local, state or national requirements. | | | | | |
| CLASSIFICATION OF INGREDIENTS. COUNCIL DIRECTIVE 91/689/EC, COMMISSION DECISION 2000/532/EC (AMENDED) COMMISSION DECISION 2001/118/EC) | Hazard Code: H4 – Irritant | | | | | |
| | Components making the waste hazardous Concentrations (%): | | | | | |
| | <table style="margin-left: 40px;"> <tr> <td><i>N</i>-methyl-2-pyrrolidone</td> <td>> 25 ≤ 50</td> </tr> <tr> <td>γ-Butyrolactone</td> <td>> 10 ≤ 25</td> </tr> <tr> <td>Glycol ether</td> <td>> 25 ≤ 50</td> </tr> </table> | <i>N</i> -methyl-2-pyrrolidone | > 25 ≤ 50 | γ -Butyrolactone | > 10 ≤ 25 | Glycol ether |
| <i>N</i> -methyl-2-pyrrolidone | > 25 ≤ 50 | | | | | |
| γ -Butyrolactone | > 10 ≤ 25 | | | | | |
| Glycol ether | > 25 ≤ 50 | | | | | |
| NOTE FOR DISPOSAL | Disposal should be in accordance with local, State or National requirements. For further advice about disposal, in the UK, contact the local office of the Environment Agency (England and Wales) or Scottish Environment Protection Agency. Local rate from anywhere in the UK: 0845 9333111. | | | | | |

14 TRANSPORT INFORMATION (INTERNATIONAL UNLESS OTHERWISE INDICATED)

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|-------------------------------|---|------------------------|----------------|---------------|
| UN No. | Not Classified. | TREMCARD REFERENCE No. | Not required. | LABELS |
| UK CDGCPL2 (UK ROAD) | CLASS | N/A | UK HAZCHEM EAC | Not required. |
| UK CDGROAD TRANSPORT CATEGORY | Not required. | | | |
| PROPER SHIPPING NAME | Not required. | | | |
| LIMITED QUANTITY EXCEPTIONS | Not required. | | | |
| SPECIAL REQUIREMENTS | Not required. | | PACKING GROUP | Not required. |
| ADR 2003 (INTERNATIONAL ROAD) | CLASS | N/A | ADR HIN | Not required. |
| PROPER SHIPPING NAME | Not required. | | | |
| LIMITED QUANTITY EXCEPTIONS | Not required. | | | |
| SPECIAL REQUIREMENTS | Not required. | | PACKING GROUP | Not required. |
| IMDG 2002 (SEA) | CLASS | N/A | IMDG EMS | Not required. |
| PROPER SHIPPING NAME | Not required. | | | |
| LIMITED QUANTITY EXCEPTIONS | Not required. | | | |
| SPECIAL REQUIREMENTS | Not required. | | PACKING GROUP | Not required. |
| NOTE FOR TRANSPORT. | Local, State or National requirements may apply to the carriage of this product | | | |

15 REGULATORY INFORMATION (HEALTH AND SAFETY INFORMATION (see also box 2))

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| HAZARD SYMBOLS |  |
| CLASSIFICATION | Xi - IRRITANT |
| RISK PHRASES | R36/38 Irritating to eyes and skin. |
| SAFETY PHRASES | S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. S37 Wear suitable gloves. S60 This material and its container must be disposed of as hazardous waste. |
| LEGISLATION | Labelling is according to UK regulations implementing the EC Directive 1999/45. Additional labelling requirements may be necessary in accordance with local legislation. Specific legislation used within this Safety Data Sheet is listed in the above boxes. |

16 OTHER INFORMATION and indication of revisions

The information given on this Safety Data Sheet (SDS) **does not** constitute an assessment in accordance with Control of Substances Hazardous to Health (COSHH) Regulations 1999, in the UK.

Before using any product, ensure that you read and understand its label.

Outside the UK, the registration of this product may be necessary before use and any additional local requirements must be observed at all times.

Before using any product, ensure that you read and understand its label.

The information contained in this safety data sheet is, to the best of our knowledge and belief, accurate and reliable at the time of publication. The information relates only to the specific material designated in this safety data sheet and may not be valid for such material if it is used in combination with any other material(s) or any other use than that specified herein. Rentokil Initial UK Ltd is not liable for the use of this product for any other purpose than that described in this safety data sheet. This does not affect your statutory rights. It is the user's responsibility to satisfy him/herself as to the suitability in completeness of such information for his/her own particular use.