**SAFETY DATA SHEET:** **Ref No.:** DS003

**PRODUCT NAME/S: 70% Alcohol Sanitising Wipes**

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| **1** | **Identification of the Preparation and of the Company** |

* 1. **Identification of the Preparation**

Cleaning Wipes PN303: PN116

* 1. **Company Identification**

Maclin Group (Division of Maclin Sourcing Solutions Ltd)

Unit A3 Risby Business Park, Newmarket Road, Risby, Suffolk, IP28 6RD, United Kingdom

**Tel:** +44 (0) 1284 810887

**Fax:** +44 (0) 1284 811908

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| **2** | **Hazards Identification** |

**2.1 Classification of the substance or mixture**

**Classification under CLP:** Eye Irrit. 2: H319; STOT SE 3: H336; Flam. Sol. 2: H228

**Classification under CHIP:** -: R10; Xi: R36; -: R67

**2.2 Label Element**

## Label elements under CLP:

**Hazard statements:** H228: Flammable solid.

H319: Causes serious eye irritation.

H336: May cause drowsiness or dizziness.

GHS Symbols:

 Min 10mm sides

 GHS Signal Word: WARNING

 Precautionary statements:

P210: Keep away from heat/sparks/open flames/hot surfaces. - No smoking.

P280: Wear protective gloves/protective clothing/eye protection/face protection. P241: Use explosion-proof electrical/ventilating/lighting equipment.

P240: Ground/Bond container and receiving equipment.

P261: Avoid breathing fumes.

P264: Wash hands thoroughly after handling.

P271: Use only outdoors or in a well-ventilated area.

**70% Alcohol Sanitising Wipes**

2.2 Precautionary statements: Continued

P304+340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P312: Call a POISON CENTER or doctor if you feel unwell.

P337+313: If eye irritation persists: Get medical advice/attention.

P403+233: Store in a well-ventilated place. Keep container tightly closed.

P405: Store locked up.

**2.3 Other Hazards**

 In use, may form flammable / explosive vapour-air mixture

 PBT:This product is not identified as a PBT/vPvB substance.

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| **3** | **Composition/Information on Ingredients** |

**3.1 Mixtures**

 **Hazardous ingredients:**

 PROPAN-2-OL

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| EINECS | CAS | CHIP Classification | CLP Classification | Percent |
| 200-661-7 | 67-63-0 | - | Flam. Liq. 2: H225; Eye Irrit. 2: H319; STOT SE 3: H336 | 50-70% |

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| **4** | **First Aid Measures (Solution)** |

**Skin contact:** Remove all contaminated clothes and footwear immediately unless stuck to skin. Wash immediately with plenty of soap and water.

**Eye contact:** There may be irritation and redness. The eyes may water profusely. Bathe the eye with running water for 15 minutes. Consult a doctor.

**Ingestion:** There may be soreness and redness of the mouth and throat. Wash out mouth with water. Consult a doctor.

**Inhalation:** There may be irritation of the throat with a feeling of tightness in the chest. Exposure may cause coughing or wheezing. Remove casualty from exposure ensuring one's own safety whilst doing so. Consult a doctor.

**Most important symptoms and effects, both acute and delayed:** Skin contact: There may be irritation and redness at the site of contact.

**Delayed / immediate effects:** Immediate effects can be expected after short-term exposure.

**70% Alcohol Sanitising Wipes**

Continued:

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| **5** | **Fire Fighting Measures** |

**5.1 Special Fire or Explosion Hazards**

In combustion emits toxic fumes.

**Advice for firefighters:** Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes

**5.2 Suitable Extinguishing Media**

 **Immediate/Special treatment** Eye bathing equipment should be available on the premises

 Suitable extinguishing media for the surrounding fire should be used

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| **6** | **Accidental Release Measures** |

**6.1 Personal precautions, protective and emergency equipment**

Refer to section 8 of SDS for personal protection details. If outside do not approach from downwind. If outside keep bystanders upwind and away from danger point. Mark out the contaminated area with signs and prevent access to unauthorised personnel. Do not create dust.

**6.2 Environmental precautions**

Do not discharge into drains or rivers.

**6.3 Methods and material for containment and cleaning up**

 **Clean up procedures:**  Transfer to a closable, labelled salvage container for disposal by an appropriate method.

**6.4 Reference to other sections**

Reference to other sections: Refer to section 8 of SDS. Refer to section 13 of SDS

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| **7** | **Handling and Storage** |

**7.1 Precautions for safe handling**

Handling requirements:Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area.

Do not handle in a confined space. Avoid the formation or spread of dust in the air.

**7.2 Conditions for safe storage, including any incompatibilities**

Store in cool, well ventilated area. Keep container tightly closed.

**70% Alcohol Sanitising Wipes**

Continued:

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| **8** | **Exposure Controls / Personal Protection** |

**8.1 Control parameters**

**Specific end use(s):** PC35: Washing and cleaning products (including solvent based products).

**Hazardous Ingredients: PROPAN-2-OL**

**Workplace exposure limits: Respirable dust**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| State | 8 hour TWA | 15 min. STEL | 8 hour TWA | 15 min. STEL |
| UK | 999 mg/m3 | 1250 mg/m3 | - | - |

**DNEL/PNEC Values**

**Hazardous Ingredients: PROPAN-2-OL**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Type | Exposure | Value | Population | Effect |
| DNEL | Oral | 26 mg/kg bw/day | Consumers | Systemic |
| DNEL | Dermal | 319 mg/kg bw/day | Consumers | Systemic |
| DNEL | Dermal | 888 mg/kg bw/day | Workers | Systemic |
| DNEL | Inhalation | 89 mg/m³ | Consumers | Systemic |
| DNEL | Inhalation | 500 mg/m³ | Workers | Systemic |
| PNEC | Fresh water | 140.9 mg/l | - | - |
| PNEC | Fresh water sediments | 552 mg/kg | - | - |
| PNEC | Marine water | 140.9 mg/l | - | - |
| PNEC | Marine sediments | 552 mg/kg | - | - |
| PNEC | Soil (agricultural) | 28 mg/kg | - | - |

**8.2 Exposure controls**

**Engineering measures:** Ensure there is sufficient ventilation of the area.

**Respiratory protection:** Respiratory protective device with particle filter. Gas/vapour filter, type B: inorganic vapours excl. CO (EN141).

**Hand protection:** Gloves (solvent-resistant).

**Eye protection:** Safety goggles. Ensure eye bath is to hand.

**Skin protection:** Protective clothing.

**Environmental:** Refer to specific Member State legislation for requirements under Community environmental legislation

**70% Alcohol Sanitising Wipes**

Continued:

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| **9** | **Physical & Chemical Properties** |

**9.1 Information on basic physical and chemical properties**

**State:** Solid

**Colour:** Various

**Odour:** Characteristic odour

**Evaporation rate:** No data available.

**Oxidising:** Non-oxidising (by EC criteria)

**Solubility in water:** Insoluble

**Viscosity:** No data available.

 **Boiling point/range°C:** No data available.

 **Melting point/range°C:** No data available.

 **Flammability limits %: lower:** No data available. **upper:** No data available.

 **Flash point°C:** 18 **Part.coeff. n-octanol/water:** No data available.

 **Autoflammability°C:** No data available. **Vapour pressure:** No data available.

 **Relative density:** No data available. **pH:** No data available.

 **VOC g/l:** No data available.

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| **10** | **Stability & Reactivity** |

**10.1 Reactivity**

Reactivity: Stable under recommended transport or storage conditions

**10.2 Possibility of hazardous reactions**

**Chemical stability:** Stable under normal conditions.

**Hazardous reactions:** Hazardous reactions will not occur under normal transport or storage conditions. Decomposition may occur on exposure to conditions or materials listed below.

**10.3 Conditions to avoid**

Materials to avoid: Strong oxidising agents. Strong acids

**70% Alcohol Sanitising Wipes**

Continued:

**10.4 Hazardous decomposition products**

Materials to avoid: Strong oxidising agents. Strong acids

Haz. decomp. products:In combustion emits toxic fumes.

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| **11** | **Toxicological Information** |

**11.1 Information toxicological effects**

Hazardous ingredients: PROPAN-2OL

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ORAL | MUS | LD50 | 3600 | mg/kg |
| ORAL | RAT | LD50 | 5045 | mg/kg |

**Relevant effects for mixture:**

|  |  |  |
| --- | --- | --- |
| Effect | Route | Basis |
| Irritation | OPT | Hazardous: calculated |

 **Symptoms / routes of exposure**

**Skin contact:** There may be irritation and redness at the site of contact.

**Eye contact:** There may be irritation and redness. The eyes may water profusely.

**Ingestion:** There may be soreness and redness of the mouth and throat.

**Inhalation:** There may be irritation of the throat with a feeling of tightness in the chest. Exposure may cause coughing or wheezing.

**Delayed / immediate effects:** Immediate effects can be expected after short-term exposure.

**Other information:** Not applicable

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| **12** | **Ecological Information** |

**12.1 Persistence and degradability**

 Ecotoxicity values: No date available

 Persistence and degradability: Not biodegradable

**12.2 Mobility in soil**

Bioaccumulative potential**:** No bioaccumulation potential.

Mobility: Insoluble in water

**70% Alcohol Sanitising Wipes**

Continued

**12.3 Other adverse effects**

 PBT identification:This product is not identified as a PBT/vPvB substance.

 Other adverse effects: Negligible ecotoxicity

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| **13** | **Disposal Information** |

**13.1 Waste Treatment Methods**

**Disposal operations:** Transfer to a suitable container and arrange for collection by specialised disposal company.

**Disposal of packaging:** Dispose of in a regulated landfill site or other method for hazardous or toxic wastes.

**NB:**The user's attention is drawn to the possible existence of regional or national regulations regarding disposal

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| **14** | **Transport Information** |

**14.1 UN Number**

 UN number UN3175

**14.2 UN Proper shipping name**

 Shipping name: SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S. (PROPAN-2-OL)

**14.3 Transport hazard class(es)**

Transport class 4.1

**14.5 Environmental hazards**

 Packing group: II

 Environmentally hazardous: NO Marine pollutant: NO

**14.6 Special precautions for user**

 No special precautions

 Tunnel code: E

 Transport category: 2

**70% Alcohol Sanitising Wipes**

Continued

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| **15**  | **Regulatory Information** |

**15.1 Safety, health and environmental regulations/legislation specific for the substance of the mixture**

**Specific regulations:** This product is a Seveso category/named substance in Annex I of Council Directive 96/82/EC.

**15.2 Chemical safety assessment**

A chemical safety assessment has not been carried out for the substance or mixture by the supplier

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| **16** | **Other Information** |

**Other information:** This safety data sheet is prepared in accordance with Commission Regulation (EU) No 453/2010.

This safety data sheet is prepared in accordance with Commission Regulation (EC) No 1272/2008.

**Phrases used in s.2 and s.3:**

H225: Highly flammable liquid and vapour.

H228: Flammable solid.

H319: Causes serious eye irritation.

H336: May cause drowsiness or dizziness.
R10: Flammable.

R36: Irritating to eyes.

R67: Vapours may cause drowsiness and dizziness.

**Legend to abbreviations:**

PNEC = predicted no effect level

 DNEL = derived no effect level

 LD50 = median lethal dose

 LC50 = median lethal concentration

 EC50 = median effective concentration

 IC50 = median inhibitory concentration

 dw = dry weight

 bw = body weight

 cc = closed cup

 oc = open cup

 MUS = mouse

 GPG = guinea pig

 RBT = rabbit

 HAM = hamster

 HMN = human

 MAM = mammal

**70% Alcohol Sanitising Wipes**

Continued

 PGN = pigeon

 IVN = intravenous

 SCU = subcutaneous

 SKN = skin

 DRM = dermal

 OCC = ocular/corneal

 PCP = phycico chemical properties

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.

END

**Revision** 7th August 2017