**SAFETY DATA SHEET:** **Ref No.:** DS037

**Probe Wipes**

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

1.1 Identification of the Preparation:

 Probe Wipes PN 101, P102

1.2 Company Identification

 Maclin Group (Division of Maclin Sourcing Solutions Ltd)

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

 Telephone: +44 (0) 1284 810 887

 Facsimile: +44 (0) 1284 811 908

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

**2.1 Classification under CLP**: Eye Irrit 2 H319

 **Classifciation under CHIP:** R52/53

 **Most important adverse effects:** Causes Serious eye irritation

**2.2 Label Elements under CLP**

 GHS Symbols:

 Min 10mm sides

 GHS Signal Word: Warning

 Hazard Statements: H319 Causes serious eye irritation

 Precautionary statements: P264: Wash hands thoroughly after handling.

P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes.
 Remove contact lenses, if present and easy to do. Continue
 rinsing.P337+313: If eye irritation persists: Get medical advice/attention.

**2.3** **Other Hazards PBT:** This product is not identified as a PBT/vPvB substance.

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

**3.1 Chemical Name**

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 | 1-10% |

**Probe Wipes**

QUARTERNARY AMMONIUM COMPOUNDS

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 270-325-2 | 68424-85-1 | - | Acute Tox. 4: H302; Skin Corr. 1B: H314; ACUTE TOX. 4: H312 | <1% |

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| **4** | **First Aid Measures**  |

**4.1 Description of first aid measures**

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

 **Eye contact:** Bathe the eye with running water for 15 minutes.

 **Ingestion:** As the substrate is a wipe material ingestion is highly unlikely but in the event do not induce vomiting and wash mouth out with water.

 **Inhalation:** Consult a doctor.

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

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

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

 **Ingestion:** There may be irritation to the throat

**Inhalation:** There may be irritation of the throat.

 **Delayed / immediate effects:** Not applicable

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

 **Immediate / special treatment:** Eye bathing equipment should be available on the premises.

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

**5.1 Extinguishing Media**

 **Immediate / special treatment:** Eye bathing equipment should be available on the premises.

**5.2 Special Hazards Arising from the Substance or Mixture**

 **Exposure hazards:** In combustion emits toxic fumes. Forms explosive air vapour mixture.

**5.3 Advice for Fire Fighters**

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

**Probe Wipes**

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

**6.1 Personal Precautions, Protective Equipment and Emergency Procedures**

**Personal precautions:** Do not attempt to take action without suitable protective clothing - see section 8 of
 SDS. Do not create dust. Eliminate all sources of ignition. Prevent the build-up of electrostatic charge in the immediate area. Ensure lighting and electrical equipment
 are not a source of ignition.

**Probe Wipes**

**6.2 Environmental Precautions** Do not discharge into drains or rivers.

**6.3** **Methods and Material for Containment and Clearing Up**

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

**6.4** **Reference to Other Sections**

 Refer to Section 8 of SDS. Refer to section 13 of SDS.

|  |  |
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| **7** | **Handling & Storage** |

**7.1 Precautions for Safe Handling**

 **Handling requirements:** Smoking is prohibited. Use non-sparking tools. Ensure there is sufficient ventilation
 of the area. Avoid the formation or spread of dust/mists in the air.

**7.2 Conditions for Safe Storage, Including any Incompatibilities**

 **Storage conditions:** Store in cool, well ventilated area. Keep container tightly closed. Keep away from
 sources of ignition. Prevent the build-up of electrostatic charge in the immediate
 area. Ensure lighting and electrical equipment are not a source of ignition.

**7.3 Specific and use(s)**

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

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

8.1 **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 |

**Probe Wipes**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 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. Ensure lighting and electrical
 equipment are not a source of ignition.

**Respiratory protection:** Respiratory protection not required.

**Hand protection:** Nitrile gloves. Personal Protective Equipment, not required under normal use.

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

**Skin protection:** Personal Protective Equipment, not required under normal use.

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

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

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

**State:** Solid
**Colour:** Various
**Odour:** Characteristic

 **Evaporation rate:** No data available.

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

 **Solubility in water**: Miscible

**Boiling point/range°C:** Not applicable.
**Melting point/range°C:** No data available.
**Flammability limits %:** **lower:** No data available. **upper:** No data available.
**Flash point°C:** Not applicable.
**Part.coeff. n-octanol/water:** No data available.
**Autoflammability°C:** No data available.
**Vapour pressure:** No data available.

**Relative density:** No data available.
**pH:** Not applicable.

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

**9.2 Other Information**

 **Other information:** In accordance with EU Directive 1272/2008/EC Annex VI (2.2.5) this product will
 not sustain combustion and is not regarded as requiring a flammable warning.

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

**10.1 Reactivity**

 **Reactivity:** Stable under recommended transport or storage conditions.

**Probe Wipes**

**10.2 Chemical Stability**

 **Chemical Stability**: Stable under normal conditions. Stable at room temperature.

**10.3 Possibility of hazardous reactions**

 **Hazardous reactions:** Hazardous reactions will not occur under normal transport or storage conditions.

**10.4 Conditions to avoid**

 **Conditions to avoid:** Heat. Hot surfaces. Sources of ignition or flames.

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

**11.1 Information on Toxicological Effects**

 **Hazardous ingredients:**

 **PROPAN 2 OL**

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

 **POLYMERIC BIGUANIDE HYDROCHLORIDE**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ORAL | RAT | LD50 | >2000 | mg/kg |

 **Toxicity values:** No data available.

**11.2 Symptoms / routes of exposure**

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

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

 **Ingestion:** There may be irritation of the throat

 **Inhalation:** There may be irritation of the throat with a feeling of tightness in the chest.

 **Delayed / immediate effects:** Not applicable

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

**12.1 Toxicity**

 **Ecotoxicity:** No data available

**12.2 Persistence and Degradability**

 **Persistence and Degradability:** No data available.

**12.3 Bioaccumulative Potential:**

 Bioaccumulative Potential: No bioaccumulation potential.

**Probe Wipes**

**12.4 Mobility in Soil**

 Mobility: Readily absorbed into soil

**12.5 Results of PBT and vPvB assessment**

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

**12.6 Other adverse effects**

 Other adverse effects: Negligible ecotoxicity.

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

**13.1 Waste Treatment Methods**

 **Disposal operations:** Dispose in to or onto land (e.g. landfill)

 **Disposal of packaging:** Dispose of in a regulated landfill site or normal industrial waste.

 **N.B.**  The user’s attention is drawn to the possible existence of regional or

 National regulations regarding disposal.

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

**14.1 Transport Class:**  This product does not require a classification for transport.

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

**15.1 Safety, Health and Environmental Regulations/Legislations Specific for the Substance or Mixture**

 **Specific regulations:** Not applicable

**15.1 Chemical Safety Assessment**

 **Chemical Safety Assessment** A chemical safety assessment has not been carried out for the substance or
 the mixture by the supplier.

|  |  |
| --- | --- |
| **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.

H302: Harmful if swallowed.

H312: Harmful in contact with skin.

H314: Causes severe skin burns and eye damage.

H319: Causes serious eye irritation.

H336: May cause drowsiness or 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

**Probe Wipes**

Dw – dry weight

Bw – body weight

Cc: closed cup

Oc: open cup

MUS: mouse

GPG: Guinea Pig

RBT: Rabbit

HAM: Hamster

HMN: Human

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