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| **SECTION 1: COMPANY IDENTIFICATION** |

**Company Name:** Prep it (PTY) Ltd

**Address:** P.O. Box 11870

 Universitas

 9321

**Telephone:** (051) 101 0769

**Facsimile:**  (086) 5345743

**Contact Person:**  Angelo Grobler

**MSDS Creation Date: 23 May 2014**

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| **SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS**  |

**Chemical Class:** Acids

**Classification:** C

**R Phrases:**  R34, 37

**S Phrases:**  S1/2, 26, 38, 45

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| **Hazardous and/or other relevant Components** | **% (w/w)** | **CAS no.** | **E.C. No.** |
| HYDROCHLORIC ACID | 30-33 | 7647-01-0 | 017-002-01-X |

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| **SECTION 3: HAZARDS IDENTIFICATION** |

**SAPMA Health Rating:**  1- SERIOUS – Major injury likely unless prompt action taken and treatment given

**Inhalation:** CORROSIVE

**Skin:** Highly corrosive, causes sever burns

**Eye:**  Highly corrosive – irreversible damage possible

**Ingestion:** TOXIC.

Material is potentially carcinogenic.

Medium to long –term environmental effects; contain, collect & remove.

 

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| **SECTION 4: FIRST AID MEASURES** |

**Eye contact:**  Immediately flush eyes with plenty water for 15 to 20

 minutes. Get medical attention, if irritation or

 symptoms of overexposure persists

**Skin contact:** Immediately wash skin with soap and plenty of water.

 get medical attention if irritation develops or persists.

**Inhalation:**  If inhaled, remove to fresh air. If not breathing, give

 Artificial respiration or give oxygen by trained personnel.

 Seek immediate medical attention.

**Ingestion:**  If swallowed, do NOT induce vomiting. Call a physician or poison

 control center immediately. Never give anything by mouth to an

 unconscious person.

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| **SECTION 5: FIRE FIGHTING MEASURES** |

Flammable with toxic fumes.

Containers can burst in a fire. Can form explosive vapour/air mixture. Static discharge hazard.

Use foam, CO2, dry powder. Use fog to cool and control. Do not use water jets.

Cool containers in case of fire.

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| **SECTION 6: ACCIDENTAL RELEASE MEASURES** |

Ensure sufficient ventilation.

Contain & collect spillage with inert absorbent material and dispose of according to local regulations.

Keep out of drains and sewers.

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| **SECTION 7: HANDELING and STORAGE** |  |  |

Store separately from any reactive substances – oxidizers in particular

Keep away from ignition sources. No open flames. No smoking. Keep containers cool. Store away from direct sun and heat sources.

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| **SECTION 8: EXPOSURE CONTOLS, PERSONAL PROTECTION – EXPOSURE GUIDELINES** |

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| **NAME** | **CAS** | **OEL (mg/m³)** | **OEL (ppm)** | **STOEL (mg/m³)** | **STOEL (ppm)** |
| HYDROCHLORIC ACID | 7647-01-0 | 7 | 5 | 7 | 5RL |

CL/RL = Controlled/ Recommended level ‘S’ = Skin annotation)

**SAPMA Health Rating:**  1-HG PPE – Respirator and Imperious clothing

**Inhalation:** Vapours hazardous – Special Inorganic respirator required

**Skin:** Avoid any contact. Use impervious gloves apron and boots

**Eye:**  Use face shield & goggles or full respirator hood. Do not touch eyes with dirty hands or gloves

**Ingestion:** Observe the rules of hygiene. Wash before eating, drinking or smoking.

![Y:\Hazard Signs\apron-shall-be-worn-mv-9[1].jpg]() ![Y:\Hazard Signs\eye_protection_must_be_worn_mandatory_sign[1].png]()   ![Y:\Hazard Signs\wear_safety_footwear_mandatory_sign[1].png]()

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| **SECTION 9: PHYSICAL and CHEMICAL PROPERTIES**  |

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| **Appearance:**  | White viscous liquid |
| **Flash Point:** | >23’C |
| **Density:** | 1.030 |
| **Viscosity:** | 68-72 KU |
| **Solubility:** | Soluble in organic solvents, insoluble in water |

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| **SECTION 10: STABILITY and REACTIVITY** |

Stable under normal conditions

Inert – no reaction with fire- fighting water

Avoid contact with acids, alkalis and hydrocarbon solvents

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| **SECTION 11: TOXICOLOGICAL INFORMATION** |

No carcinogenic, mutagenic or genetic effects established

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| **SECTION 12: ECOLOGICAL INFORMATION** |

May have short-term environmental effects; contain, monitor & remove.

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| **SECTION 13: DISPOSAL CONSIDERATIONS** |

Use reputable waste disposal contractors. Exercise caution in disposal of used containers. Can be eliminated from sewage/ effluent by chemical flocculation.

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| **SECTION 14: TRANSPORTATION INFORMATION** |

**SIN/UN Number:** 1263

**Shipping Name:** Paint

**Packaging Group:** III

**Class:** 3

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| **SECTION 15: REGULATORY INFORMATION** |

**Classification: C (Corrosive)**

R34 Causes burns

R37 Irritating to the respiratory system

S1/2 Keep locked up and out of reach of children (Retail sales items)

S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice

S38 Incase of insufficient ventilation, wear suitable respiratory equipment

S45 In case of accident or if you feel unwell, seek medical advice immediately (show container or label where possible)

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| **SECTION 16: ADDITIONAL INFORMATION** |

Take precautionary measures against static discharges. In case of any discomfort always seek medical advice. All information is given in good faith but without guarantee in respect of accuracy. No responsibility is accepted for errors or omissions or the consequences thereof.