



## MATERIAL SAFETY DATA SHEET

### UNIVERSEAL Outdoor Cleaner

#### Section I – Product Identity

|                     |                                  |
|---------------------|----------------------------------|
| <b>Product Name</b> | Universeal Outdoor Cleaner       |
| <b>Product Type</b> | Outdoor Cleaner                  |
| <b>Prepared By</b>  | Universeal Product Agencies Ltd. |
| <b>Date Issued</b>  | 13/03/11                         |

#### Section II – Hazardous Components/Composition Information

| <b>INGREDIENTS</b> | <b>CAS NO.</b> | <b>WT%</b> | <b>HEALTH</b> | <b>RISK</b> |
|--------------------|----------------|------------|---------------|-------------|
| phosphoric acid    | 7664-38-2      | 1-10       | Xi            | 36/38       |
| hydrochloric acid  | 68989-03-7     | 5-20       | Xi            | 37          |

#### Section III - Hazards Identification

|                              |                           |
|------------------------------|---------------------------|
| <b>HUMAN HEALTH HAZARDS</b>  | irritant to eyes and skin |
| <b>ENVIRONMENTAL HAZARDS</b> |                           |

#### Section IV - FIRST AID MEASURES

|                   |  |
|-------------------|--|
| <b>EYES</b>       | Rinse immediately with plenty of water and seek medical advice.  |
| <b>INGESTION</b>  | Do not induce vomiting. Drink plenty of water or milk.   |
| <b>SKIN</b>       | Remove all contaminated clothing. Wash immediately with plenty of water. If irritation persists seek medical advice. |
| <b>INHALATION</b> | Remove to fresh air. If breathing problems occur seek medical advice.  |

#### Section V - FIRE FIGHTING MEASURES

|                                |   |
|--------------------------------|---|
| <b>EXTINGUISHER</b>            | Water spray, dry chemical or alcohol foam |
| <b>UNSUITABLE EXTINGUISHER</b> |   |
| <b>HAZARDS</b>                 |   |
| <b>PROTECTIVE EQUIPMENT</b>    | As for personal protection.               |

#### Section VI - ACCIDENTAL RELEASE MEASURES

|                             |   |
|-----------------------------|---|
| <b>SPILLAGE CLEANUP</b>     | Wash away to drain with plenty of water. Contain and absorb with sand or earth. |
| <b>PERSONAL PRECAUTIONS</b> | As for 'exposure controls - personal protection'.                               |
| <b>ENVIRONMENTAL</b>        | For large spillages collect for disposal. Inform local authorities for advice   |

## Section VII - HANDLING AND STORAGE

|                 |   |
|-----------------|---|
| <b>HANDLING</b> | As for 'exposure controls - personal protection'.                                 |
| <b>STORAGE</b>  | Store in original containers under dry conditions. Avoid extremes of temperature. |

## Section VIII - EXPOSURE CONTROLS/ PERSONAL PROTECTION

|                         |   |
|-------------------------|---|
| <b>EXPOSURE CONTROL</b> | OES-LTEL = nd OES - STEL = nd                                     |
| <b>RESPIRATORY</b>      | No special requirements. Good ventilation is normally sufficient. |
| <b>SKIN</b>             | Rubber or PVC gloves.   |
| <b>EYES</b>             | Eye goggles or a face shield.                                     |

## Section IX - PHYSICAL & CHEMICAL PROPERTIES

|                             |              |
|-----------------------------|--------------|
| <b>APPEARANCE</b>           | clear liquid |
| <b>ODOUR</b>                | Acidic       |
| <b>pH (1% solution)</b>     | 1-2          |
| <b>BOILING POINT (C)</b>    | 100          |
| <b>MELTING POINT (C)</b>    | N/A          |
| <b>EXPLOSIVE PROPERTIES</b> | N/A          |
| <b>AUTO IGNITION TEMP</b>   | N/A          |
| <b>FLASH POINT (C)</b>      | N/A          |
| <b>SPECIFIC GRAVITY</b>     | 1.2          |
| <b>VISCOSITY (cP e)</b>     | 1-10         |
| <b>SOLUBILITY IN WATER</b>  | soluble      |

## Section X - STABILITY AND REACTIVITY

|   |                                |
|---|--------------------------------|
| <b>STABILITY</b>                        | stable                         |
| <b>MATERIALS TO AVOID</b>               | alkalies, bleaches, peroxides. |
| <b>CONDITIONS TO AVOID</b>              | High temperatures              |
| <b>HAZARDOUS DECOMPOSITION PRODUCTS</b> |                                |

## Section XI - TOXICOLOGICAL INFORMATION

|                   |   |
|-------------------|---|
| <b>EYES</b>       | Irritation leading to burns.  |
| <b>SKIN</b>       | Irritation leading to burns. Possible dermatitis.                                   |
| <b>INGESTION</b>  | Concentrate may cause burning of the throat and possible damage to internal organs. |
| <b>INHALATION</b> | Mist may cause coughing choking and respiratory difficulties.                       |
| <b>OTHER</b>      | Health problems are greatly reduced when product is diluted and used as directed.   |

## Section XII - ECOLOGICAL INFORMATION

|                         |   |
|-------------------------|---|
| <b>MOBILITY</b>         | Mobile                                  |
| <b>DEGRADABILITY</b>    | All surfactants are readily degradable. |
| <b>BIO-ACCUMULATION</b> | Not                                     |
| <b>AQUATIC TOXICITY</b> |   |

### Section XIII - DISPOSAL

|                  |  |
|------------------|--|
| <b>MATERIALS</b> | Contain and absorb with sand or earth.   |
| <b>PACKAGING</b> | Can be recycled after thorough rinsing.  |
| <b>OTHER</b>     | Dispose of any hazardous waste in accordance with waste disposal or water authority regulations. |

### Section XIV - TRANSPORT INFORMATION

|                     |             |
|---------------------|-------------|
| <b>UN NO</b>        | 1789        |
| <b>ADR/RID</b>      | 8 Corrosive |
| <b>HAZCHEM CODE</b> | 2R          |
| <b>IMDG CLASS</b>   | 8 Corrosive |
| <b>IMDG PAGE</b>    | 8183        |

### Section XV - REGULATORY INFORMATION

|                       |   |
|-----------------------|---|
| <b>CLASSIFICATION</b> | Corrosive   |
| <b>RISK PHRASES</b>   | Causes burns  |
| <b>SAFETY PHRASES</b> | S2 keep out of reach of children.<br>Do not spray mist.<br>S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.<br>S28 After contact with skin, wash immediately with plenty of water.<br>S36/37/39 Wear suitable protective clothing, gloves and eye face protection. |
| <b>OTHER INFO</b>     |   |

### Section XVI - OTHER INFORMATION

|   |
|---|
| <b>Read the label before opening the container.</b> |
|---|



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