

## MATERIAL SAFETY DATA SHEET

**MANUFACTURER:** K & K Chemical Co.  
**TELEPHONE NO.:** (800) 327-0646  
**ADDRESS:** 1303 Industrial Drive, Royse City, TX 75189

**PRODUCT:** K&K POWER STRIP™  
**PART NUMBER:** K-465

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### SECTION I - GENERAL

|                         |  |
|-------------------------|--|
| Chemical Name & Synonym | Not Applicable                               |
| Trade Name & Synonyms   | K&K POWER STRIP™                             |
| Chemical Family         | Aqueous solution                             |
| DOT Basic Description   | Potassium hydroxide solution, 8, UN1814, III |
| Formula                 | Trade Secret                                 |

### SECTION II - HAZARDOUS INGREDIENTS

|                                      |         |            |
|--------------------------------------|---------|------------|
| Potassium hydroxide                  | CAS No. | 1310-58-3  |
| C12-14 tert-alkyl ethoxylated amines | CAS No. | 72379-24-9 |

### SECTION III - PHYSICAL AND CHEMICAL DATA

|   |  |
|---|--|
| Boiling Point (°C)                      | Not Determined                         |
| Vapor Pressure (mm Hg @ 20°C)           | Not Determined                         |
| Vapor Density (Air = 1)                 | Not Determined                         |
| Specific Gravity (H <sub>2</sub> O = 1) | 1.095                                  |
| % Volatile by Volume                    | Not Applicable                         |
| Evaporation Rate (H <sub>2</sub> O = 1) | Not Determined                         |
| Solubility in Water                     | Miscible                               |
| Appearance and Odor                     | Pale red clear fluid with neutral odor |

### SECTION IV - FIRE AND EXPLOSION HAZARD DATA

|                                  |   |
|----------------------------------|---|
| Flammable Limits (%)             |   |
| - LEL                            | Not Applicable  |
| - UEL                            | Not Applicable  |
| Flash Point (Method Used)        | Non-combustible   |
| Extinguishing Media              | Use any appropriate for surrounding fire.                   |
| Special Fire Fighting Procedures | None  |
| Unusual Fire & Explosion Hazards | May react with aluminum to generate explosive hydrogen gas. |

### SECTION V - HEALTH HAZARD DATA

|                                  |  |
|----------------------------------|--|
| Route of Entry                   | Eye contact, ingestion, skin contact   |
| Carcinogenic Assessment          | Not listed   |
| Threshold Limit Value            | Not Applicable   |
| Effects of Overexposure          | Eye contact: Irritant. Corrosive; prolonged contact causes burns<br>Ingestion: Mildly toxic. Stomach irritant.<br>Skin contact: Irritant. Corrosive; prolonged contact may cause burns.  |
| Emergency & First Aid Procedures | Eye contact: Flush with water for 20 minutes. Get medical attention.<br>Ingestion: DO NOT INDUCE VOMITING. Drink 3 to 4 glasses of water, then a solution of water and vinegar or other mildly acid fruit juice.<br>Get immediate medical attention.<br>Skin contact: Flush with a solution of water and vinegar. Wash with plenty of water. |

### SECTION VI - REACTIVITY DATA

|                                      |   |
|--------------------------------------|---|
| Stability                            | Stable  |
| Incompatibility (Materials to Avoid) | Strong acids, strong oxidizing agents; aluminum, tin, zinc and their alloys |
| Hazardous Decomposition Products     | None identified   |
| Hazardous Polymerization             | Will not occur  |

### SECTION VII - SPILL OR LEAK PROCEDURE

|   |   |
|---|---|
| Steps To Be Taken In Case Material Is Released Or Spilled | Contain spill and dilute with clear water. Mop up with clear water.   |
| Waste Disposal Method                                     | Dilute with large volumes of water and flush to sewer. Rinse container well before discarding in an authorized land fill. |

### SECTION VIII - SPECIAL PROTECTION INFORMATION

|                            |                                    |
|----------------------------|------------------------------------|
| Respiratory Protection     | None required for normal use       |
| Ventilation                | Normal ventilation is adequate     |
| Protective Gloves          | Latex or vinyl                     |
| Eye Protection             | Safety glasses or chemical goggles |
| Other Protective Equipment | Synthetic apron is recommended     |

### SECTION IX - SPECIAL PRECAUTIONS

|   |   |
|---|---|
| Precautions To Be Taken In Handling And Storing | Store in original containers for up to one year. Keep closed when not in use. Protect from extreme heat and cold. |
| Other Precautions                               | KEEP OUT OF REACH OF CHILDREN. Read and follow label directions.  |
| DOT Classification                              | Corrosive liquid  |
| DOT Basic Description                           | Potassium hydroxide, solution, 8, UN1814, III   |