



**POWER BLEND**

# EAP

# SDS

# 8985

## SAFETY DATA SHEET

### SECTION I - IDENTIFICATION

**PRODUCT TRADE NAME:** Power Blend EAP  
 Chemical Family: Caustic, Surfactant Cleaner  
 Formula: Proprietary  
 Product #: 8985  
 Date of Issue: 8/10/15  
 Supplier:

**C K ENTERPRISES, INC.**  
 1204 SW Jefferson Street  
 Lee's Summit, Missouri 64081  
 (816) 524-1304

**EMERGENCY CONTACT:**  
**CHEMTREC - 1-800-424-9300**  
 (For use only in the event of emergencies involving a spill, leak, fire, exposure, or accident involving chemicals)

### SECTION II - HAZARDOUS IDENTIFICATION

DANGER



#### Health Hazards

|  |            |
|--|------------|
| Acute Toxicity; Oral                             | Category 3 |
| Acute Toxicity; Dermal                           | Category 4 |
| Skin Corrosion/Irritation                        | Category 1 |
| Serious eye damage/ eye irritation               | Category 1 |
| Specific Target Organ Toxicity, single exposure; | Category 3 |
| Respiratory Tract Irritation                     |            |

#### Hazard Statements:

- Causes severe skin burns and eye irritation
- Toxic if swallowed
- Harmful in contact with skin
- May cause respiratory tract irritation

#### Precautionary Statements:

- Avoid breathing in dust mist or spray
- Do not get in eyes, skin or on clothing
- Wash hands thoroughly after handling
- Use personal protective equipment as required
- Get medical attention if you feel unwell
- Read label before use

### HMIS Code:

|                 |     |
|-----------------|-----|
| HEALTH HAZARD   | 3   |
| FIRE HAZARD     | 0   |
| REACTIVITY      | 1   |
| SPECIFIC HAZARD | COR |

### Potential Acute Effects:

**Eyes-** Range from irritation to severe eye damage, including blindness. Severity increases with duration of contact.  
**Skin-** Range from irritation to serious burns depending on duration of contact, and sensitive skin.  
**Inhalation-** Can cause irritation and burns to respiratory tract.  
**Ingestion-** Corrosive to mucous membranes of the mouth, throat, esophagus, and stomach. Causes burns, nausea, and vomiting with gastrointestinal disorder. Can be toxic if swallowed.

### SECTION III - COMPOSITION INFORMATION

| Name of Hazardous Ingredients | CAS Number | % by Weight |
|-------------------------------|------------|-------------|
| Sodium Metasilicate           | 6834-92-0  | <15         |
| Sodium Hydroxide              | 1310-73-2  | <70         |
| Potassium Hydroxide           | 1310-58-3  | <10         |

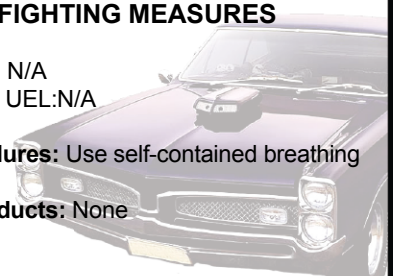
### SECTION IV - FIRST AID MEASURES

#### Emergency First Aid Procedures:

**IN EYES:** Flush immediately with large amounts of water for at least 15 minutes. Hold eyelids apart to ensure rinsing of entire eye surface. Seek medical attention immediately.  
**ON SKIN:** Flush all skin contact areas with water for 15 minutes. If irritation, rash, or burns occur, seek medical attention.  
**INHALATION:** Remove person to fresh air. Begin CPR if breathing has stopped, and seek medical attention immediately.  
**INGESTION:** Seek immediate medical attention. Dilute by giving two glasses of water to drink. Do not give if unconscious. Do not induce vomiting. If vomiting occurs, keep head below hips to prevent aspiration and give fluids again.

### SECTION V - FIREFIGHTING MEASURES

**Flash Point (Method Used):** N/A  
**Flammable Limits:** LEL: N/A UEL:N/A  
**Extinguishing Media:** N/A  
**Special Fire Fighting Procedures:** Use self-contained breathing apparatus  
**Hazardous Combustion Products:** None



## C K Enterprises, Inc.

### SECTION VI - ACCIDENTAL RELEASE MEASURES

**Steps To Be Taken If Released or Spilled:** All spilled material must be contained and kept out of waterways, sewers and drains. The spilled chemical should be absorbed with an inert material. Flush cleaned area thoroughly with water.

## SECTION VII - HANDLING AND STORAGE

**Precautions To Be Taken In Handling and Storage:** When preparing a liquid solution, add the product to water slowly, and with good agitation; product generates heat when added to water. Never spray water directly onto dry product. This product is hygroscopic. Keep container tightly closed and store in a dry area away from acids. Use only dry plastic or steel scoops when weighing or transferring the product.

**Other Precautions: KEEP OUT OF THE REACH OF CHILDREN.** Have eyewash and safety shower accessible to use in handling area.

## SECTION VIII - EXPOSURE CONTROLS/PERSONAL PROTECTION

| Product Name                    | OSHA PEL           | NIOSH REL          | AIHA WEEL | ACGIH TLV          |
|---------------------------------|--------------------|--------------------|-----------|--------------------|
| Sodium Hydroxide (1310-73-2)    | 2mg/m <sup>3</sup> | 2mg/m <sup>3</sup> |           | 2mg/m <sup>3</sup> |
| Potassium Hydroxide (1310-58-3) |                    | 2mg/m <sup>3</sup> |           | 2mg/m <sup>3</sup> |

- **Respiratory Protection:** Use NIOSH approved respirator if levels reach or exceed TLV
- **Ventilation:** Local exhaust normally adequate. Use mechanical ventilation if buildup of mist or vapors is likely
- **Protective Gloves:** Chemical resistant or neoprene gloves
- **Eye Protection:** Chemical splash goggles or face shield
- **Other Protective Equipment:** Rubber aprons should be worn as protection to the body while handling this product.
- **Hygienic Practices:** Ensure strict sanitary conditions are conformed to when working around chemicals. Protective clothing and equipment should be in accordance with 29 CFR 1910.132 and 1910.133.

## SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

|                                      |                              |
|--------------------------------------|------------------------------|
| <b>Boiling Point:</b>                | N/A                          |
| <b>Specific Gravity (Water = 1):</b> | N/A                          |
| <b>Vapor Pressure:</b>               | N/A                          |
| <b>Vapor Density (Air = 1):</b>      | N/A                          |
| <b>Evaporation Rate (Water = 1):</b> | N/A                          |
| <b>Solubility in Water:</b>          | Complete                     |
| <b>pH @ 100% solution:</b>           | 12.5-14.0                    |
| <b>Appearance/Odor:</b>              | White powder;<br>Slight odor |

## SECTION X - STABILITY AND REACTIVITY

**Stability Data:** Stable under normal conditions

**Incompatibility:** Acids

**Hazardous Decomposition Products:** None

**Hazardous Polymerization:** Will not occur

## SECTION XI - TOXICOLOGICAL INFORMATION

|                        |  |
|------------------------|--|
| <b>Routes of Entry</b> | Dermal, Oral, and Inhalation                       |
| <b>Symptoms</b>        | Irritation to burns depending on length of contact |
| <b>Skin Irritant</b>   | Yes  |
| <b>Eye Irritant</b>    | Yes  |
| <b>Sensitizers</b>     | Not determined                                     |

|                           |                      |
|---------------------------|----------------------|
| <b>Mutagenicity</b>       | No information found |
| <b>Carcinogenicity</b>    | None                 |
| <b>Reproductive</b>       | No information found |
| <b>Target Organs</b>      | None                 |
| <b>Aspiration Hazards</b> | None                 |

There is no toxicological data for this product as a whole. Based on relevant ingredients with known acute toxicity, the acute toxicity estimate (ATE) using the additive formula has been determined.

| Test              | Results    | Basis                     |
|-------------------|------------|---------------------------|
| <b>Dermal</b>     | 1,548mg/kg | ATE determined Category 4 |
| <b>Oral</b>       | 133mg/kg   | ATE determined Category 3 |
| <b>Inhalation</b> | No data    |                           |

## SECTION XII - ECOLOGICAL INFORMATION

No ecological information available.

## SECTION XIII - DISPOSAL CONSIDERATIONS

**Waste Disposal Method:** Dispose of in accordance with all Federal, State and Local pollution control regulations.

## SECTION XIV - TRANSPORT INFORMATION

**Proper Shipping Name:** Sodium Hydroxide, Solid

**D.O.T. Classification:** UN1823, 8, PGII

**D.O.T. Placard:** UN1823/CORROSIVE

**Precautions to be taken in transportation:** Keep container tightly closed.

## SECTION XV - REGULATORY INFORMATION

This product contains the following toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and of 40 CFR 372:

**CAS #** None

**Chemical Name:**

**Percent by Weight:**

CERCLA reportable quantity values (in pounds):

|  |              |
|--|--------------|
| <b>Sodium Hydroxide (1310-73-2)</b>    | <b>1,000</b> |
| <b>Potassium Hydroxide (1310-58-3)</b> | <b>1,000</b> |

## SECTION XVI - OTHER INFORMATION

**Date Issued:** 8/10/15 **Supersedes:** 5/16/14

This information must be included in all Safety Data Sheets that are copied and distributed for this material.

The information contained herein is based on the data available to us and is believed to be accurate. However, no warranty is expressed or implied regarding the accuracy of this data or the results to be obtained from the use thereof. We assume no responsibility for injuries from the use of the product described herein.