1. Product and company identification

Product Name: POWER WASH

UN/ID No. Not Classified as Hazardous

Recommended use of the chemical and restrictions on use

Recommended Use: Power Wash for pot and pan washing operations.

Supplier: Butler Chemicals, Inc.
3070 Ceena St., Anaheim, CA. 92806
Anaheim, CA. 90620

Print date: October 2, 2014

Responsible name: Kenny Bailey

In case of emergency: HEALTH EMERGENCIES — SPILL EMERGENCIES
CALL INFOTRAC 1(800) 535-5053

Product type: Blend

2. Hazards identification

Appearance: Green | Physical State: Liquid | Odor: Odorless

Classification

DOT Classification USA: Classified as Non Hazardous

Hazard Statement

Effects of over-exposure (For each potential route of Exposure)

INHALED: May cause irritation of respiratory tract

SKIN: Irritating to skin.

EYES: Irritating to eyes

SWALLOWED: Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea

CHRONIC EFFECTS: Prolonged contact may cause persistent irritation or dermatitis.

Precautionary Statements – Preventions

Keep out of reach of children
Read label before use
Wash hands thoroughly after handling
Wear eye protection
Precautionary Statements – Response

If medical advice is needed, have product container or label at hand.
**IF IN EYES:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention.
**IF SWALLOWED:** Harmful if swallowed, will cause throat irritation. Rinse mouth. Do NOT induce vomiting. Get medical attention

Precautionary Statements – Disposal

Store in a cool, dry, well ventilated area away from heat or flame

Precautionary Statements Disposal

Dispose of contents/container to an approved waste disposal plant

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### 3. Composition/information on ingredients

<table>
<thead>
<tr>
<th>Component</th>
<th>CAS-No</th>
<th>Weight%</th>
<th>OSHA PEL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Diethanolamine</td>
<td>111-42-2</td>
<td>8.89%</td>
<td>TWA: 15 mg/m³</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>TWA: 3 ppm</td>
</tr>
</tbody>
</table>

OSHA HAZARD This product contains “hazardous chemicals” as defined by the OSHA Hazard Communication Standard: Communication Standard, 29 CFR 1910.1200

Toxic chemical subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 (40 CFR §372).

### 4. First aid measures

**Eye contact:**
Immediately hold the eyes open and wash with fresh running water. Take care not to rinse contaminated water into non-affected eye. Ensure complete irrigation of the eye by keeping the eyelids apart and away from the eye and moving the eyelids by occasionally lifting the upper and lower lids. Remove contact lenses, if present and easy to remove. Continue rinsing. If symptoms persist, obtain medical attention.

**Skin contact:**
Wash skin thoroughly with plenty of water. Remove contaminated clothing and wash before re-use. If symptoms develop, obtain medical attention.

**Inhalation:**
Remove from source of exposure. Keep at rest until recovered. If symptoms persist, obtain medical attention.

**Ingestion:**
Do not induce vomiting. Immediately remove product from the mouth and wash out mouth with plenty of water. If symptoms develop, obtain medical attention.

**First Aid Facilities:**
An eye wash fountain, safety shower and general washing facility should be available immediately adjacent to the work area.

**Note to physician**
Treat symptomatically.

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### 5. Fire-fighting measures

**Flash point:**
> 200 F.

**Flammability of the product:**
This product is non-flammable. This material may decompose and produce toxic and/or irritating fumes under fire conditions.

**Unusual Fire & Explosion**
Containers exposed to heat from fires should be cooled with water fog to prevent container rupture.

**Extinguishing Media**
Water Spray, foam Carbon Dioxide, Dry Chemical.

**Special protective equipment for fire-fighters:**
Determine the need to evacuate or isolate the area according to your local emergency plan. Use water spray to keep fire exposed.
containers cool. Firefighters should wear a positive pressure NIOSH approved Self-contained breathing apparatus. Protective clothing should be worn if fighting large fires involving chemicals.

6. Accidental release measures

Personal precautions: Avoid eye contact. Determine whether to evacuate or isolate the area according to your local emergency plan. Caution, spill site may be slippery. Increase ventilation. Evacuate all unprotected personnel. Use full protective clothing and equipment to minimize exposure.

Environmental precautions: Prevent run off into drains and waterways. If a large quantity of this material enters the environment, contact the relevant regulatory authorities. Dispose of waste according to Federal, E.P.A., State and Local regulations.

Methods and Materials for Containment and Clean Up: Observe all personal protective equipment recommendations described in this SDS. Contain spill. If leaked material can be pumped, store recovered material in appropriate containers. Clean up remaining materials from spill with suitable absorbent. Dispose of saturated absorbent material or cleaning materials appropriately. Laws and regulations may apply to releases and disposal of this material. You will need to determine which laws and regulations are applicable.

7. Handling and storage

Precautions for Safe Handling: Use a well ventilated area. Avoid breathing in mists or vapor. Avoid skin and eye contact. Do not take internally. Exercise good industrial hygiene practice. Wash after handling, especially before eating, drinking, smoking or using toilet facilities.

Storage Store in a cool, dry well ventilated area, away from heat and out of direct sunlight. Keep away from oxidizing agents, strong acids and foodstuff containers.

8. Exposure controls/personal protection

Consult local authorities for acceptable exposure limits.

Engineering Controls Apply technical measures to comply with the occupational exposure limits. Local exhaust ventilation recommended. Eye wash stations. Showers.

<table>
<thead>
<tr>
<th>Component</th>
<th>ACGIH TLV</th>
<th>OSHA PEL</th>
<th>OSHA PEL (Ceiling)</th>
<th>OSHA PEL-Skin Notations</th>
</tr>
</thead>
<tbody>
<tr>
<td>Diethanolamine</td>
<td>TWA: 2mg/m³ Skin</td>
<td>TWA: 15 mg/m³</td>
<td>TWA: 3 ppm</td>
<td></td>
</tr>
</tbody>
</table>

Individual-protection measures, such as personal protective equipment

<table>
<thead>
<tr>
<th>Eye/Face Protection</th>
<th>No special equipment is usually needed when occasionally handling small quantities. For bulk handling wear suitable protective glasses or goggles.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Skin and Body Protection</td>
<td>The information at hand indicates that this product is not harmful and that normally no special skin protection is necessary. When handling bulk quantities, wear gloves of impervious material.</td>
</tr>
<tr>
<td>Respiratory Protection</td>
<td>Domestic quantities require no special equipment with normal careful use. When handling bulk quantities, avoid breathing mist or vapors. When ventilation is inadequate and mists or vapors are generated, respiratory protective equipment should be used suitable for protecting against airborne contaminants.</td>
</tr>
</tbody>
</table>
9. Physical and chemical properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical state</td>
<td>Liquid</td>
</tr>
<tr>
<td>Boiling Point</td>
<td>&gt;212 F.</td>
</tr>
<tr>
<td>Color</td>
<td>Green</td>
</tr>
<tr>
<td>pH</td>
<td>6.5-7.5</td>
</tr>
<tr>
<td>Specific Gravity (H₂O=1)</td>
<td>1.02</td>
</tr>
<tr>
<td>Vapor Density</td>
<td>&gt;1</td>
</tr>
<tr>
<td>Odor</td>
<td>Odorless</td>
</tr>
<tr>
<td>Vapor Pressure</td>
<td>&lt;17 mm Hg</td>
</tr>
<tr>
<td>Solubility in water</td>
<td>Complete</td>
</tr>
<tr>
<td>VOC</td>
<td>10 G/L</td>
</tr>
<tr>
<td>Evaporation Rate (BuAC=1)</td>
<td>&lt;1</td>
</tr>
</tbody>
</table>

10. Stability reactivity

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stability</td>
<td>Stable</td>
</tr>
<tr>
<td>Hazardous polymerization</td>
<td>Will not occur</td>
</tr>
<tr>
<td>Conditions to avoid</td>
<td>Do not mix with other ingredients except water, Strong Oxidizers</td>
</tr>
<tr>
<td>Materials to avoid</td>
<td>Strong Acids, Strong Oxidizing Agents</td>
</tr>
<tr>
<td>Hazardous decomposition Products:</td>
<td>Oxides of carbon and nitrogen</td>
</tr>
</tbody>
</table>

11. Toxicological information

<table>
<thead>
<tr>
<th>Component</th>
<th>LD50 Oral (mg/kg)</th>
<th>LC50 Inhalation (mg/L)</th>
<th>LD50 Dermal (mg/kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Trade Secret</td>
<td>530 (Rat)</td>
<td>530 (Rat)</td>
<td></td>
</tr>
<tr>
<td>Eyes</td>
<td>Eye Irritation</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Skin</td>
<td>Skin Irritation</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ingestion</td>
<td>Unknown</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Inhalation</td>
<td>Unknown</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Chronic Toxicity</td>
<td>Prolonged contact may cause persistent irritation or dermatitis</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Carcinogenicity</td>
<td>Product is not listed</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Hazard Type</td>
<td>Skin/Eye Irritant</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

12. Ecological information

Environmental effects: No information available

<table>
<thead>
<tr>
<th>Component</th>
<th>Freshwater Algae</th>
<th>Freshwater Fish</th>
<th>Microtox</th>
<th>Water Flea</th>
</tr>
</thead>
<tbody>
<tr>
<td>Diethanolamine</td>
<td></td>
<td></td>
<td>EC50 = 73 mg/L 5 min</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>EC50 &gt; 16 mg/L 16 h</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>EC50 &gt; 16 mg/L 16 h</td>
<td></td>
</tr>
</tbody>
</table>

Chemical Fate: This surfactant complies with the biodegradability criteria as laid down in Regulation (EC) No. 648/2004 on detergents.

13. Disposal considerations

Waste disposal: The generation of waste should be avoided or minimized wherever possible. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe way. Dispose of surplus and non-recyclable products via a license waste contactor. Disposal of this product, solutions and any by products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Avoid dispersal of spilled material and runoff and contract with soil, waterways, drains and sewers.
Refer to Section 7: HANDLING AND STORAGE and Section 8: EXPOSURE CONTROLS/PERSOAL PROTECTION for additional handling information and protection of employees.

14. Transport information

DOT Classification USA: Classified as Non Hazardous

Materials in non-bulk quantities shipped domestically with the United States are not-regulated.

15. Regulatory information

Materials in non-bulk quantities shipped domestically with the United States are not-regulated.

The following transportation description for transportation of materials in quantities above the RQ. All quantities below the RQ are non-regulated. The following description is for bulk transport shipments within the United States.

**DOT**

Proper Shipping Name: Environmentally hazardous substances, liquid, n.o.s. (diethanolamine, alkylbenzene sulfonate), Marine Pollutant

Hazard Class: 9

UN-No: UN3082

Packing Group: III

Reportable Quantity (RQ): Diethanolamine, RQ kg = 341

Marine Pollutant: Alkylbenzene sulfonate

Description: UN3082, Environmentally hazardous substances, liquid, n.o.s. (diethanolamine, alkylbenzene sulfonate), 9, PG III, Marine Pollutant, RQ

**California Proposition 65:**

This product contains a chemical(s) known to the State of California to cause cancer. U.S. Toxic Substance Control Act

All components of this product are on the TSCA Inventory or are exempt from TSCA Inventory requirements under 40 CFR 720.30 CEPA - Domestic Substances List (DSL)

All substances contained in this product are listed on the Canadian Domestic Substances List (DSL) or are not required to be listed

**Federal Regulations:**

**SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372:

<table>
<thead>
<tr>
<th>Component</th>
<th>CAS#</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>N,N-Diethanolamine</td>
<td>111-42-2</td>
<td>&lt;0.2%</td>
</tr>
</tbody>
</table>

SARA 311/312 Hazardous Categorization

Acute Health Hazard: Yes

Chronic Health Hazard: Yes

Fire Hazard: No

Sudden Release of Pressure Hazard: No

Reactive Hazard: No

**Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs (See 40 CFR 61))**

This product contains the following HAPs:

Diethanolamine (CAS# 111-42-4)
## 16. Other information

<table>
<thead>
<tr>
<th>HMIS</th>
<th>Health Hazards</th>
<th>Flammability</th>
<th>Physical Hazards</th>
<th>Personal Protection</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>1</td>
<td>0</td>
<td>0</td>
<td>B</td>
</tr>
</tbody>
</table>

*Indicates information that has changed from previously issued version.*

**Disclaimer**

The information provided in the Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release and in not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet