



SAFETY DATA SHEET

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
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2. Hazards identification

Appearance: Green	Physical State: Liquid	Odor: Odorless
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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

3. Composition/information on ingredients

Component	CAS-No	Weight%	OSHA PEL
Diethanolamine	111-42-2	8.89%	TWA: 15 mg/m ³ TWA: 3 ppm

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.

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.

Component	ACGIH TLV	OSHA PEL	OSHA PEL (Ceiling)	OSHA PEL-Skin Notations
Diethanolamine	TWA: 2mg/m ³ Skin	TWA: 15 mg/m ³ TWA: 3 ppm		

Individual-protection measures, such as personal protective equipment

Eye/Face Protection	No special equipment is usually needed when occasionally handling small quantities. For bulk handling wear suitable protective glasses or goggles.
Skin and Body Protection	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.
Respiratory Protection	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.

9. Physical and chemical properties

Physical state	Liquid
Boiling Point:	>212 F.
Color	Green
pH	6.5-7.5
Specific Gravity (H ₂ O=1)	1.02
Vapor Density	>1
Odor	Odorless
Vapor Pressure	<17 mm Hg
Solubility in water	Complete
VOC	10 G/L
Evaporation Rate (BuAC=1)	<1

10. Stability reactivity

Stability	Stable
Hazardous polymerization	Will not occur
Conditions to avoid	Do not mix with other ingredients except water, Strong Oxidizers
Materials to avoid	Strong Acids, Strong Oxidizing Agents
Hazardous decomposition Products:	Oxides of carbon and nitrogen

11. Toxicological information

Component	LD50 Oral	LC50 Inhalation	LD50 Dermal
Trade Secret	530 mg/kg (Rat)		530 mg/kg (Rat)

Eyes Eye Irritation
Skin Skin Irritation
Ingestion Unknown
Inhalation Unknown
Chronic Toxicity Prolonged contact may cause persistent irritation or dermatitis
Carcinogenicity Product is not listed
Hazard Type Skin/Eye Irritant

12. Ecological information

Environmental effects: No information available

Component	Freshwater Algae	Freshwater Fish	Microtox	Water Flea
Diethanolamine			EC50 = 73 mg/L 5 min EC50 > 16 mg/L 16 h EC50 > 16 mg/L 16 h	

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 contact with soil, waterways, drains and sewers.

Refer to Section 7: HANDLING AND STORAGE and Section 8: EXPOSURE CONTROLS/PERSONAL 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 ShippingName: 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:

<u>Component</u>	<u>CAS#</u>	<u>Amount</u>
N,N-Diethanolamine	111-42-2	<0.2%

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

HMIS

Health Hazards

1

Flammability

0

Physical Hazards

0

Personal Protection

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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 is 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