

# SAFETY DATA SHEET

## H.D. BUILT DETERGENT

### SECTION1: PRODUCT & COMPANY IDENTIFICATION

**DATE:** 01/13/2017 / **Supersedes Revision:** n/a

**Product Name:** H.D. BUILT DETERGENT

**ID Code:** 4205

**Manufacturer:**

PDQ Manufacturing, Inc.  
201 Victory Circle  
Ellijay, GA USA 30540  
Phone: (706) 636-1848  
Website: [www.pdqonline.com](http://www.pdqonline.com)

**Distributor:**

Osceola Supply, Inc.  
P. O. Box 13503  
Tallahassee, FL 32317  
Phone: (850) 580-9800

**EMERGENCY CONTACT:** Chemtrec, Reference CCN203605

Phone: (800) 424-9300 (collect calls accepted) / International: (703) 527-3887

### SECTION 2: HAZARD(S) IDENTIFICATION

**Acute Toxicity:** Oral, Category 4

**Skin Corrosion/Irritation,** Category 1A

**Serious Eye Damage/Eye Irritation,** Category 1

**Aquatic Toxicity (Acute),** Category 3

**Aquatic Toxicity (Acute),** Category 1

**GHS Signal Word:** DANGER

**GHS Hazard Phrases:**

H290 - May be corrosive to metals.  
H302 - Harmful if swallowed.  
H314 - Causes severe skin burns and eye damage.  
H318 - Causes serious eye damage.  
H400 - Very toxic to aquatic life.  
H402 - Harmful to aquatic life.

**GHS Precaution Phrases:**

P234 - Keep only in original container.  
P264 - Wash hands thoroughly after handling.  
P270 - Do not eat, drink or smoke when using this product.  
P273 - Avoid release to the environment.  
P280 - Wear protective gloves/protective clothing/eye protection/face protection.

**GHS Response Phrases:**

P301+312 - IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.  
P303+361+353 - IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.  
P304+340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.  
P305+351+338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a poison control center or physician for treatment advice. Have product container or label with you when calling poison control center or physician.  
P310 - Immediately call a POISON CENTER or doctor/physician.  
P321 - Specific treatment see appropriate section on the label or SDS.  
P330 - Rinse mouth.  
P363 - Wash contaminated clothing before reuse.  
P390 - Absorb spillage to prevent material damage.  
P391 - Collect spillage.

**GHS Storage and Disposal Phrases:**

P405 - Store locked up.  
P501 - Dispose of contents/container to trash after rinsing container.



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### Potential Health Effects (Acute and Chronic):

**Inhalation:** No hazard expected in normal industrial use.

**Skin Contact:** Causes severe skin irritation and burns.

**Eye Contact:** Causes severe eye burns.

**Ingestion:** Causes severe digestive tract burns with abdominal pain, vomiting, and possible death.

### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

CAS #	Hazardous Components (Chemical Name)	Concentration
1310-58-3	Potassium hydroxide {Caustic potash}	20.0 -35.0 %
9016-45-9	Poly(oxy-1,2-ethanediyl),.alpha.-(nonylphenyl)-.omega.-hydr {Nonylphenol Ethoxylate}	5.0 – 15.0 %

### SECTION 4: FIRST-AID MEASURES

#### Emergency and First Aid Procedures:

**In Case of Inhalation:** If breathed in, move person into fresh air. No specific treatment is necessary since this material is not likely to be hazardous by inhalation.

**In Case of Skin Contact:** Take off contaminated clothing and shoes immediately. Wash off with soap and plenty of water. Consult a physician.

**In Case of Eye Contact:** Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician. Continue rinsing eyes during transport to hospital.

**In Case of Ingestion:** Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

### SECTION 5: FIRE-FIGHTING MEASURES

**Flash Point:** No Data Method Used: Estimate

**Explosive Limits:** LEL: No Data UEL: No Data

**Autoignition Pt:** No Data

**Suitable Extinguishing Media:** Use water spray, dry chemical, carbon dioxide, or alcohol-resistant foam.

**Fire Fighting Instructions:** As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. Material will not burn.

**Flammable Properties and Hazards:** No data available.

### SECTION 6: ACCIDENTAL RELEASE MEASURES

**Protective Precautions, Protective Equipment and Emergency Procedures:** Ensure adequate ventilation. For personal protection see section 8. Use personal protective equipment.

**Environmental Precautions:** Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

**Steps To Be Taken In Case Material Is Released Or Spilled:** Keep in suitable, closed containers for disposal. Soak up with inert absorbent material and dispose of as hazardous waste. Use proper personal protective equipment as indicated in Section 8. Spills/Leaks: Absorb spill with inert material (e.g. vermiculite, sand or earth), then place in suitable container.

### SECTION 7: HANDLING AND STORAGE

**Precautions To Be Taken in Handling:** Avoid contact with skin and eyes.

**Precautions To Be Taken in Storing:** Keep container tightly closed in a dry and well-ventilated place.

### SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
1310-58-3	Potassium hydroxide {Caustic potash}	No data.	CEIL: 2 mg/m3	No data.
9016-45-9	Poly(oxy-1,2-ethanediyl),.alpha.-(nonylphenyl)-.omega.-hydr{Nonylphenol Ethoxylate}	No data.	No data.	No data.

**Respiratory Equipment (Specify Type):** Respirator protection is not normally required.

**Eye Protection:** Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

**Protective Gloves:** Handle with gloves.

**Other Protective Clothing:** Wear appropriate protective clothing to prevent skin exposure.

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**Engineering Controls (Ventilation etc.):** Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday. There are no special ventilation requirements.

**Environmental Exposure Controls:** Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

**Physical States:** ☐ Gas ☒ Liquid ☐ Solid

**Appearance and Odor:** Clear, dark amber liquid  
Lemon odor.

**Metling Point:** 0.00 C - 0.00 C

**Boiling Point:** ~ 0.00 C - 100.00 C

**Autoignition Pt:** No data.

**Flash Pt:** No data. Method Used: Estimate

**Explosive Limits:** LEL: No data. UEL: No data.

**Specific Gravity (Water = 1):** ~ 1.25

**Vapor Pressure (vs. Air or mm Hg):** No data.

**Vapor Density (vs. Air = 1):** No data.

**Evaporation Rate:** No data.

**Solubility in Water:** Complete

**Viscosity:** Thin

**pH:** >11.5 @ 1%

**Percent Volatile:** No data.

### SECTION 10: STABILITY AND REACTIVITY

**Stability:** Unstable ☐ Stable ☒

**Conditions To Avoid - Instability:** No data available.

**Incompatibility – Materials To Avoid:** Strong oxidizing agents.

**Hazardous Decomposition Or Byproducts:** No data available.

**Possibility of Hazardous Reactions:** Will occur ☐ Will not occur ☒

**Conditions To Avoid -Hazardous Reactions:** No data available.

### SECTION 11: TOXICOLOGICAL INFORMATION

**Toxicological Information:** No data available.

**Irritation or Corrosion:** Skin corrosion/irritation.

Result: Tumorigenic:Tumors at site or application. Serious eye damage/eye irritation: Eyes: Rabbit. Corrosive to eyes . Mild skin irritation Serious eye damage/eye irritation Eyes –rabbit.

**Sensitization:** No data available. Prolonged or repeated exposure may cause allergic reactions in certain sensitive individuals.

**Chronic Toxicological Effects:** Specific target organ toxicity -single exposure (Globally Harmonized System) No data available.

Specific target organ toxicity -repeated exposure: no data available.

**Carcinogenicity/Other Information:** IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

CAS #	Hazardous Components (Chemical Name)	NTP	IARC	ACGIH	OSHA
1310-58-3	Potassium hydroxide {Caustic potash}	n.a.	n.a.	n.a.	n.a.
9016-45-9	Poly(oxy-1,2-ethanediyl), .alpha.-(nonylphenyl)-.omega.-hydr {Nonylphenol Ethoxylate}	n.a.	n.a.	n.a.	n.a.

### SECTION 12: ECOLOGICAL INFORMATION

**General Ecological Information:** No data available.

**Results of PBT and vPvB assessment:** PBT/vPvB assessment not available as chemical safety assessment not required/not conducted.

**Mobility in Soil:** No data available.

### SECTION 13: DISPOSAL CONSIDERATIONS

**Waste Disposal Method:** Offer surplus and non-recyclable solutions to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber. Contaminated packaging. Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. US EPA guidelines for the classification determination are listed in 40 CFR Parts 261. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification.

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### SECTION 14: TRANSPORTATION INFORMATION (DOT/UN CLASSIFICATION)

#### LAND TRANSPORT (US DOT):

**DOT Proper Shipping Name:** Corrosive liquid, basic, inorganic, n.o.s. (contains potassium hydroxide)

**DOT Hazard Class:** 8 CORROSIVE

**UN/NA Number:** UN3266

**Packing Group:** II



### SECTION 15: REGULATORY INFORMATION

#### EPA SARA (Superfund Amendments and Reauthorization Act of 1986) Lists

CAS #	Hazardous Components (Chemical Name)	S. 302 (EHS)	S. 304 RQ	S. 313 (TRI)
1310-58-3	Potassium hydroxide {Caustic potash}	No	Yes 1000 LB	No
9016-45-9	Poly(oxy-1,2-ethanediyl), .alpha.-(nonylphenyl)-.omega.-hydr {Nonylphenol Ethoxylate}	No	No	No

#### CAS # Hazardous Components (Chemical Name) Other US EPA or State Lists

1310-58-3	Potassium hydroxide {Caustic potash}	CAA HAP, ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No
9016-45-9	Poly(oxy-1,2-ethanediyl), .alpha.-(nonylphenyl)-.omega.-hydr {Nonylphenol Ethoxylate}	CAA HAP, ODC: No; CWA NPDES: No; TSCA: Yes - Inventory, 5A(2), 8A PAIR, 12(b); CA PROP.65: No

### SECTION 16: OTHER INFORMATION

**Revision Date:** 01/13/2017

**Preparer Name:** Regulatory Affairs

#### Additional Information About This Product:

#### Hazard Rating System:

**HMIS**

**Health:** 2

**Flammability:** 0

**Physical:** 1

**PPE:** B

**Company Policy or Disclaimer:** The information contained in this Safety Data Sheet is provided pursuant to current OSHA regulations to convey information concerning the hazardous nature of the named product. The information supplied was compiled from the most reliable sources available at the time of preparation and in light of the most reasonable foreseeable exposure situations expected from the intended use of this product. The material(s) may present greater or lesser hazard exposure under other circumstances that are beyond the control of the manufacturer. Therefore it is imperative that all directions and warnings on the product label be read and closely followed.