

## SAFETY DATA SHEET

## SPOT-TECH ENZYME EMULSIFIER

## 1. Product and Company Identification

**Product Code:** 4648  
**Product Name:** SPOT-TECH ENZYME EMULSIFIER  
**Revision:** 12/04/2017  
**Supersedes Revision:** 06/29/2015

**Manufacturer Information:**

**Company Name:** PDQ Manufacturing, Inc.  
 201 Victory Circle  
 Ellijay, GA 30540  
**Phone Number:** (706)636-1848

**Web site address:** www.pdqonline.com

**Emergency Contact Information:** Chemtrec, Reference: CCN203605  
 info@pdqonline.com (800)424-9300  
 (706)636-1848

**Supplier Name and Address:**

**Company Name:** \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
**Phone Number:** \_\_\_\_\_

## 2. Hazards Identification

## Serious Eye Damage/Eye Irritation, Category 1



**GHS Signal Word:** **Danger**

**GHS Hazard Phrases:** H318 - Causes serious eye damage.

**GHS Precaution Phrases:** P280 - Wear eye protection.

**GHS Response Phrases:** 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.

**GHS Storage and Disposal Phrases:** No phrases apply.

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

**Inhalation:** Harmful if inhaled.

**Skin Contact:** Causes skin irritation. Allergic reactions are possible.

**Eye Contact:** Causes severe eye irritation and possible burns.

**Ingestion:** Harmfull if swallowed or if inhaled.

## 3. Composition/Information on Ingredients

CAS #	Hazardous Components (Chemical Name)	Concentration
34590-94-8	Propanol, (2-Methoxymethylethoxy)- {(not 313)}	10.0 -20.0 %
57-55-6	Propylene glycol {1,2-Propanediol }	5.0 -15.0 %
68131-39-5	Ethoxylated linear alcohol	10.0 -20.0 %
27176-87-0	Dodecylbenzenesulfonic acid {Linear alkylbenzene sulfonic acid}	1.0 -5.0 %

**SAFETY DATA SHEET****SPOT-TECH ENZYME EMULSIFIER****4. First Aid Measures****Emergency and First Aid****Procedures:**

<b>In Case of Inhalation:</b>	If breathing is difficult, give oxygen. Get medical aid. Remove from exposure and move to fresh air immediately.
<b>In Case of Skin Contact:</b>	In case of contact, flush skin with plenty of water. Remove contaminated clothing and shoes. Get medical aid if irritation develops and persists. Wash clothing before reuse.
<b>In Case of Eye Contact:</b>	Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
<b>In Case of Ingestion:</b>	Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

**5. Fire Fighting Measures**

<b>Flash Pt:</b>	> 95.00 C	Method Used:	Estimate
<b>Explosive Limits:</b>	LEL: No data.	UEL:	No data.
<b>Autoignition Pt:</b>	No data.		
<b>Suitable Extinguishing Media:</b>	For small (incipient) fires, use media such as "alcohol" foam, dry chemical, or carbon dioxide. For large fires, apply water from as far as possible. Use very large quantities (flooding) of water applied as a mist or spray; solid streams of water may be ineffective. Use water spray, dry chemical, carbon dioxide, or alcohol-resistant foam.		
<b>Fire Fighting Instructions:</b>	Wear self contained breathing apparatus for fire fighting if necessary.		
	Further information. Use water spray to cool unopened containers. As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion. Vapors may form explosive mixtures with air. Vapors can travel to a source of ignition and flash back. Will burn if involved in a fire. Containers may explode in the heat of a fire. Flammable liquid and vapor. May form explosive peroxides. Vapors may be heavier than air. Material will not burn.		
<b>Flammable Properties and Hazards:</b>	No data available.		

**6. Accidental Release Measures**

<b>Steps To Be Taken In Case Material Is Released Or Spilled:</b>	<p>Personal precautions. Use personal protective equipment. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Environmental precautions. Prevent further leakage or spillage if safe to do so. Do not let product enter drains.</p> <p>Keep in suitable, closed containers for disposal. Use proper personal protective equipment as indicated in Section 8.</p> <p>Spills/Leaks: Absorb spill with inert material (e.g. vermiculite, sand or earth), then place in suitable container. Clean up spills immediately, observing precautions in the Protective Equipment section. A vapor suppressing foam may be used to reduce vapors. Avoid runoff into storm sewers and ditches which lead to waterways.</p>
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**7. Handling and Storage**

<b>Precautions To Be Taken in Handling:</b>	<p>Avoid contact with skin and eyes. Avoid inhalation of vapor or mist. Wash thoroughly after handling. Remove contaminated clothing and wash before reuse. Avoid contact with eyes, skin, and clothing. Keep container tightly closed. Avoid ingestion and inhalation. Use only in a well-ventilated area. Keep away from heat, sparks and flame. Do not ingest or inhale. No special handling procedures are required.</p>
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## SPOT-TECH ENZYME EMULSIFIER

**Precautions To Be Taken in Storing:** Store in a cool, dry place. No special storage requirements.

**8. Exposure Controls/Personal Protection**

CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
34590-94-8	Propanol, (2-Methoxymethylethoxy)- {(not 313)}	PEL: 100 ppm	TLV: 100 ppm STEL: 150 ppm	No data.
57-55-6	Propylene glycol {1,2-Propanediol }	No data.	No data.	No data.
68131-39-5	Ethoxylated linear alcohol	No data.	No data.	No data.
27176-87-0	Dodecylbenzenesulfonic acid {Linear alkylbenzene sulfonic acid}	No data.	No data.	No data.

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

**Eye Protection:** Safety glasses.

**Protective Gloves:** Protective garments not normally required.

**Other Protective Clothing:** Protective garments not normally required.

**Engineering Controls (Ventilation etc.):** There are no special ventilation requirements.

**Work/Hygienic/Maintenance Practices:** Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

**9. Physical and Chemical Properties**

**Physical States:** [ ] Gas [ X ] Liquid [ ] Solid

**Appearance and Odor:** Clear blue-green liquid  
Surfactant odor.

**Melting Point:** NA -60.00 - 10.00 C

**Boiling Point:** 100.00 C - 315.00 C

**Autoignition Pt:** No data.

**Flash Pt:** > 95.00 C Method Used: Estimate

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

**Specific Gravity (Water = 1):** No data.

**Density:** ~ 0.983 G/ML

**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:** Low

**pH:** ~ 9

**Percent Volatile:** No data.

## SAFETY DATA SHEET

## SPOT-TECH ENZYME EMULSIFIER

## 10. Stability and Reactivity

<b>Stability:</b>	Unstable [ ]    Stable [ X ]
<b>Conditions To Avoid - Instability:</b>	moist air, Incompatible materials.
<b>Incompatibility - Materials To Avoid:</b>	No data available.
<b>Hazardous Decomposition or Byproducts:</b>	formed under fire conditions. Carbon oxides, Carbon monoxide, Carbon dioxide, irritating and toxic fumes and gases, oxides of sulfur.
<b>Possibility of Hazardous Reactions:</b>	Will occur [ ]    Will not occur [ X ]
<b>Conditions To Avoid - Hazardous Reactions:</b>	No data available.

## 11. Toxicological Information

**Toxicological Information:** No data available.

CAS #	Hazardous Components (Chemical Name)	NTP	IARC	ACGIH	OSHA
34590-94-8	Propanol, (2-Methoxymethylethoxy)- {(not 313)}	n.a.	n.a.	n.a.	n.a.
57-55-6	Propylene glycol {1,2-Propanediol }	n.a.	n.a.	n.a.	n.a.
68131-39-5	Ethoxylated linear alcohol	n.a.	n.a.	n.a.	n.a.
27176-87-0	Dodecylbenzenesulfonic acid {Linear alkylbenzene sulfonic acid}	n.a.	n.a.	n.a.	n.a.

## 12. Ecological Information

	No data available.
<b>Persistence and Degradability:</b>	Biodegradability:
<b>Bioaccumulative Potential:</b>	No data available.
<b>Mobility in Soil:</b>	No data available.

## 13. Disposal Considerations

<b>Waste Disposal Method:</b>	Dispose of as unused product. 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. RCRA P-Series: None listed. RCRA U-Series: None listed.
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## 14. Transport Information

## LAND TRANSPORT (US DOT):

**DOT Proper Shipping Name:** Not regulated as a hazardous material.  
**DOT Hazard Class:**  
**UN/NA Number:**

## SAFETY DATA SHEET

## SPOT-TECH ENZYME EMULSIFIER

## 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)
34590-94-8	Propanol, (2-Methoxymethylethoxy)- {(not 313)}	No	No	No
57-55-6	Propylene glycol {1,2-Propanediol }	No	No	No
68131-39-5	Ethoxylated linear alcohol	No	No	No
27176-87-0	Dodecylbenzenesulfonic acid {Linear alkylbenzene sulfonic acid}	No	Yes 1000 LB	No

CAS #	Hazardous Components (Chemical Name)	Other US EPA or State Lists
34590-94-8	Propanol, (2-Methoxymethylethoxy)- {(not 313)}	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory, 8A PAIR; CA PROP.65: No
57-55-6	Propylene glycol {1,2-Propanediol }	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No
68131-39-5	Ethoxylated linear alcohol	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No
27176-87-0	Dodecylbenzenesulfonic acid {Linear alkylbenzene sulfonic acid}	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No

## 16. Other Information

**Revision Date:** 12/04/2017  
**Preparer Name:** Regulatory Affairs

**Hazard Rating System:**

HEALTH	1
FLAMMABILITY	0
REACTIVITY	0
PPE	A

**HMIS:****Additional Information About** No data available.**This Product:****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.