

SAFETY DATA SHEET

Spot-Tech All Purpose Spotter

SECTION 1: PRODUCT & COMPANY IDENTIFICATION

DATE: 01/15/2015 / **Supersedes Revision:** n/a

Manufacturer:

PDQ Manufacturing, Inc.
201 Victory Circle
Ellijay, GA 30540
Phone: (800) 248-2401
Website: www.pdqonline.com

EMERGENCY CONTACT: Chemtrec, Reference CCN203605

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

Product Name: Spot-Tech All Purpose Spotter

ID Code: 4556

Product Category: Alkaline Detergent

SECTION 2: HAZARD(S) IDENTIFICATION

Aquatic Toxicity (Acute), Category 3

Aquatic Toxicity (Chronic), Category 3

Aspiration Toxicity, Category 2

Acute Toxicity: Oral, Category 4

Skin Corrosion/Irritation, Category 3

Serious Eye Damage/Eye Irritation, Category 2A

Skin Sensitization, Category 1B

Specific Target Organ Toxicity (single exposure), Category 3



GHS Signal Word: WARNING

GHS Hazard Phrases:

- H402 - Harmful to aquatic life.
- H412 - Harmful to aquatic life with long lasting effects.
- H305 - May be harmful if swallowed and enters airways.
- H302 - Harmful if swallowed.
- H316 - Causes mild skin irritation.
- H319 - Causes serious eye irritation.
- H317 - May cause an allergic skin reaction.
- H335 - May cause respiratory irritation.

GHS Precaution Phrases:

- P273 - Avoid release to the environment.
- P264 - Wash hands thoroughly after handling.
- P270 - Do not eat, drink or smoke when using this product.
- P280 - Wear protective gloves/protective clothing/eye protection.
- P261 - Avoid breathing mist/spray.
- P362+364 - Take off contaminated clothing and wash it before reuse.
- P271 - Use only outdoors or in a well-ventilated area.

GHS Response Phrases:

- P301+310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
- P331 - Do NOT induce vomiting.
- P330 - Rinse mouth.
- P332+313 - If skin irritation occurs, get medical advice/attention.
- 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.
- P337+313 - If eye irritation persists, get medical advice/attention.
- P302+352 - IF ON SKIN: Wash with plenty of soap and water.
- P333+313 - If skin irritation or rash occurs, seek medical advice/attention.
- P304+340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
- P312 - Call a POISON CENTER/doctor if you feel unwell.

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GHS Storage and Disposal Phrases:

P405 - Store locked up.

P403+233 - Store container tightly closed in well-ventilated place - if product is as volatile as to generate hazardous atmosphere.

P501 - Unused product is not a RCRA Hazardous waste. However, contaminated product and wastes may be RCRA hazardous. Users are advised to determine the appropriate disposal method based on local, state and federal regulations and comply with those regulations.

Hazard Rating System:

<u>HMIS</u>	<u>NFPA</u>
Health: 1	Health: 2
Flammability: 0	Flammability: 0
Physical: 0	Instability: 1
PPE: B	Special Hazard: Acid

Potential Health Effects (Acute and Chronic): Prolonged or repeated skin contact may cause dermatitis. Oral and dermal administration of triethanolamine to laboratory animals produced liver, kidney, and nerve damage (scattered degeneration in the myelin sheath of individual. Chronic: None. May cause liver and kidney damage. Sophisticated modeling has clearly proven that 2-butoxyethanol does not build up in the body under any kinds of normal use.

Inhalation: Harmful if inhaled. May cause respiratory tract irritation. May cause narcotic effects in high concentration.

Skin Contact: Skin Absorption: May be harmful if absorbed through the skin. Causes skin irritation. Substance is rapidly absorbed through the skin. Causes symptoms similar to those of inhalation. Skin sensitization testing with human volunteers produced negative results. A skin notation is not recommended by ACGIH, based on estimates from physiologically based pharmacokinetic models which indicate that, even in worst-case dermal-exposure scenarios, 2-butoxyethanol is not absorbed in amounts sufficient to cause red blood cell hemolysis in humans. Prolonged and/or repeated contact may cause irritation and/or dermatitis. Causes redness and pain. 100% triethanolamine was required to produce an irritant reaction in nonscarified skin. (ICI Chemicals & Polymers Limited)

Eye Contact: Causes severe eye irritation.

Ingestion: Harmful if swallowed. May cause irritation of the digestive tract. May cause gastrointestinal irritation with nausea, vomiting and diarrhea.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

CAS #	Hazardous Components (Chemical Name)	Concentration
9016-45-9	Poly(oxy-1,2-ethanediyl), .alpha.-(nonylphenyl)-.omega.-hydr {Nonylphenol Ethoxylate}	7.0 -17.0 %
111-76-2	Ethanol, 2-Butoxy- {Ethylene glycol n-butyl ether, Glycol Ether EB}	7.0 -17.0 %
102-71-6	Triethanolamine {TEA; 2,2'2"-nitrilo-triethanol}	2.0 -3.0 %

SECTION 4: FIRST-AID MEASURES

Emergency and First Aid Procedures:

In Case of Inhalation: If inhaled, remove to fresh air. If breathing is difficult, give oxygen. Remove from exposure and move to fresh air immediately. Do not use mouth-to-mouth resuscitation if victim ingested or inhaled the substance; induce artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device.

In Case of Skin Contact: In case of contact, immediately wash skin with soap and copious amounts of water. If irritation develops, get medical aid.

In Case of Eye Contact: Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid.

In Case of Ingestion: If swallowed, wash out mouth with water provided person is conscious. Call a physician. Get medical aid immediately. Call a poison control center.

Signs and Symptoms Of Exposure: Exposure can cause: Nausea, headache, and vomiting. To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

Note to Physician: None known.

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SECTION 5: FIRE-FIGHTING MEASURES

Flash Point:

Explosive Limits: LEL: UEL:

Autoignition Pt:

Suitable Extinguishing Media: Use extinguishing agent suitable for type of surrounding fire.

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. Protective Equipment: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes. Specific Hazard(s): Will burn if involved in a fire. Combustible liquid and vapor. During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion. Use water spray to keep fire-exposed containers cool.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Steps To Be Taken In Case Material Is Released Or Spilled: Use proper personal protective equipment as indicated in Section 8. Spills/Leaks: PROCEDURE(S) OF PERSONAL PRECAUTION(S) Wear respirator, chemical safety goggles, rubber boots, and heavy rubber gloves. Methods for cleaning up. Absorb on sand or vermiculite and place in closed containers for disposal. Ventilate area and wash spill site after material pickup is complete. Wear a self contained breathing apparatus and appropriate personal protection. (See Exposure Controls, Personal Protection section). Remove all sources of ignition. Use a spark-proof tool. Do not let this chemical enter the environment. Clean up spills immediately, observing precautions in the Protective Equipment section.

SECTION 7: HANDLING AND STORAGE

Precautions To Be Taken in Handling: No special handling procedures are required. User Exposure: Do not breathe vapor. Avoid contact with eyes, skin, and clothing. Use spark-proof tools and explosion proof equipment. Do not ingest or inhale. Use with adequate ventilation. Avoid ingestion and inhalation.

Precautions To Be Taken in Storing: Suitable: Store in a cool, dry place. Keep container closed when not in use. Store protected from moisture.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
9016-45-9	Poly(oxy-1,2-ethanediyl), .alpha.-(nonylphenyl)-.omega.-hydr {Nonylphenol Ethoxylate}			
111-76-2	Ethanol, 2-Butoxy- {Ethylene glycol n-butyl ether, Glycol Ether EB}	PEL: 50 ppm	TLV: 20 ppm	
102-71-6	Triethanolamine {TEA; 2,2'2"-nitrilo-triethanol}		TLV: 5 mg/m3	

Respiratory Equipment (Specify Type): Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Use a NIOSH/MSHA or European Standard EN 149 approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced.

Eye Protection: Chemical safety goggles. Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166.

Protective Gloves: Protective garments not normally required. Wear appropriate protective gloves to prevent skin exposure.

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

Engineering Controls (Ventilation etc.): There are no special ventilation requirements. Mechanical exhaust required. Safety shower and eye bath. Use explosion-proof ventilation equipment. Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Use only under a chemical fume hood. Use adequate ventilation to keep airborne concentrations low.

Work/Hygienic/Maintenance Practices: Wash thoroughly after handling.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

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

Appearance and Odor: Fragrant/ solvent odor.

Clear blue liquid

Freezing Point: - 0.00 C

Boiling Point: > 100.00 C

Autoignition Pt:

Vapor Pressure (vs. Air or mm Hg):

Specific Gravity (Water = 1): 1.002 - 1.022 at 25.0 C

Evaporation Rate: < 1 (H2O=1)

Solubility in Water: 100%

Viscosity: Water thin

pH: 7.2 - 9.2

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Flash Pt:
Explosive Limits: LEL: UEL:

Percent Volatile: < 90.0 % by weight.
VOC/Volume: 100.0000 G/L

SECTION 10: STABILITY AND REACTIVITY

Stability: Unstable [] Stable [X]

Conditions To Avoid - Instability: Avoid contact with acids, reducing agents, oxidizers, nitrogen oxides, amines, ammonia or other nitrogen containing compounds.

Incompatibility – Materials To Avoid: Strong acids. Strong bases, Aluminum, Copper, Copper alloys, Zinc.

Hazardous Decomposition Or Byproducts: Carbon monoxide, Nitrogen oxides.

Possibility of Hazardous Reactions: Will occur [] Will not occur [X]

Conditions To Avoid -Hazardous Reactions:

SECTION 11: TOXICOLOGICAL INFORMATION

Toxicological Information: Epidemiology: No data available. Teratogenicity: No data available. Reproductive Effects: Mutagenicity: Neurotoxicity: Other Studies: No information found. Teratogenicity: No information available.

Carcinogenicity/Other Information: CAS# 7732-18-5: Not listed by ACGIH, IARC, NTP, or CA Prop 65. CAS# 111-76-2: ACGIH: A3 - Confirmed animal carcinogen with unknown relevance to humans. California: Not listed. NTP: Not listed. IARC: Not listed. CAS# 102-71-6: Not listed by ACGIH, IARC, NTP, or CA Prop 65.

CAS #	Hazardous Components (Chemical Name)	NTP	IARC	ACGIH	OSHA
9016-45-9	Poly(oxy-1,2-ethanediyl), .alpha.-(nonylphenyl)-.omega.-hydr {Nonylphenol Ethoxylate}	n.a.	n.a.	n.a.	n.a.
111-76-2	Ethanol, 2-Butoxy- {Ethylene glycol n-butyl ether, Glycol Ether EB}	n.a.	3	A3	n.a.
102-71-6	Triethanolamine {TEA; 2,2'2"-nitriilo-triethanol}	n.a.	3	n.a.	n.a.

SECTION 12: ECOLOGICAL INFORMATION

General Ecological Information: Environmental: TERRESTRIAL FATE: Based on a recommended classification scheme, an estimated Koc value of 67,, determined from an experimental log Kow and a recommended regression-derived equation, indicates that ethylene glycol mono-n-butyl ether is expected to have high mobility in soil. An estimated BCF value of 2.5 was calculated for ethylene glycol mono-n-butyl ether, using an experimental log Kow of 0.83 and a recommended regression-derived equation. According to a recommended classification scheme, this BCF value suggests that bioconcentration in aquatic organisms is low. Physical: No information found. Other: An estimated BCF value of 2.5,, from an experimental log Kow, suggests that ethylene glycol mono-n-butyl ether bioconcentration in aquatic organisms will be low, according to a recommended classification scheme. Not regulated under U.S.

SECTION 13: DISPOSAL CONSIDERATIONS

Waste Disposal Method: 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. Empty container may be recycled or disposed of as solid sanitary waste. Do not reuse container. 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.

SECTION 14: TRANSPORTATION INFORMATION (DOT/UN CLASSIFICATION)

LAND TRANSPORT (US DOT):

DOT Proper Shipping Name: Not Regulated.

DOT Hazard Class:

UN/NA Number:

Packing Group:

LAND TRANSPORT (Canadian TDG):

TDG Shipping Name:

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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)
9016-45-9	Poly(oxy-1,2-ethanediyl), .alpha.-(nonylphenyl)-.omega.-hydr {Nonylphenol Ethoxylate}	No	No	No
111-76-2	Ethanol, 2-Butoxy- {Ethylene glycol n-butyl ether, Glycol Ether EB}	No	No	Yes-Cat. N230
102-71-6	Triethanolamine {TEA; 2,2'2"-nitrilo-triethanol}	No	No	No

CAS #	Hazardous Components (Chemical Name)	Other US EPA or State Lists
9016-45-9	Poly(oxy-1,2-ethanediyl), .alpha.-(nonylphenyl)-.omega.-hydr {Nonylphenol Ethoxylate}	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory, 8A PAIR; CA PROP.65: No
111-76-2	Ethanol, 2-Butoxy- {Ethylene glycol n-butyl ether, Glycol Ether EB}	Inventory, 8A PAIR; CA PROP.65: No CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No
102-71-6	Triethanolamine {TEA; 2,2'2"-nitrilo-triethanol}	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory, 8D TERM; CA PROP.65: No

SECTION 16: OTHER INFORMATION

Revision Date: 01/15/2015

Preparer Name: Regulatory Affairs

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.