SAFETY DATA SHEET
Dyna Brite Plus II

Revision: 03/05/2015

Distributor: International Market Brands 21500 Alexander Road, Cleveland, OH 44146 (440)439-0600

1. Product and Company Identification

Product Code:	4168	
Product Name:	Dyna Brite Plus II	
Company Name:	PDQ Manufacturing, Inc. 201 Victory Circle Ellijay, GA 30540	**Phone Number:** (706)636-1848
Web site address:	www.pdqonline.com	
Emergency Contact:	Chemtrec, Use Company Code: A814	(800)424-9300
Information:	info@pdqonline.com	(706)636-1848

2. Hazards Identification

Serious Eye Damage/Eye Irritation, Category 2B
Aquatic Toxicity (Acute), Category 2
Aquatic Toxicity (Chronic), Category 2

GHS Signal Word:	**Warning**
GHS Hazard Phrases:	H320 - Causes eye irritation. H401 - Toxic to aquatic life. H411 - Toxic to aquatic life with long lasting effects.
GHS Precaution Phrases:	P264 - Wash hands thoroughly after handling. P273 - Avoid release to the environment.
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 advise. Have product container or label with you when calling poison control center or physician. P337+313 - If eye irritation persists, get medical advice/attention. P391 - Corrosive to skin - repeated or prolonged exposure may result in dermatitus or skin sensisatisation.
GHS Storage and Disposal Phrases:	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.
Potential Health Effects (Acute and Chronic):	Chronic exposure may cause liver damage.
Inhalation:	Material is irritating to mucous membranes and upper respiratory tract. May be harmful if inhaled. Causes respiratory tract irritation. No hazard expected in normal industrial use.
Skin Contact:	Skin Absorption: May be harmful if absorbed through the skin. Causes skin irritation. Ingestion can cause burning pain in mouth, throat and abdomen - May be fatal if ingested. (HSDB)
Eye Contact:	Causes severe eye irritation. Risk of serious damage to eyes.
Ingestion:	Prolonged or repeated exposure may cause allergic reactions in certain sensitive individuals. Harmful if swallowed. May cause irritation of the digestive tract. No hazard expected in normal industrial use.

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}	10.0 -30.0 %
25155-30-0	Sodium dodecylbenzene sulfonate {linear alkylbenzene sulfonate}	1.0 -5.0 %

4. First Aid Measures

Emergency and First Aid Procedures:

In Case of Inhalation: No specific treatment is necessary since this material is not likely to be hazardous by inhalation.

In Case of Skin Contact: No specific treatment is necessary, since this material is not likely to be hazardous.

In Case of Eye Contact: In case of contact, immediately flush eyes with copious amounts of water for at least 15 minutes. Get medical aid immediately.

In Case of Ingestion: If swallowed, wash out mouth with water provided person is conscious. Call a physician.

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.

5. Fire Fighting Measures

Flash Pt: 212.00 C Method Used: Estimate

Explosive Limits: LEL: UEL:

Autoignition Pt:

Suitable Extinguishing Media: Use water spray, dry chemical, carbon dioxide, or chemical foam.

Fire Fighting Instructions: Specific Hazard(s): 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:

6. Accidental Release Measures

Steps To Be Taken In Case Material Is Released Or Spilled:

PROCEDURE(S) OF PERSONAL PRECAUTION(S)
Wear respirator, chemical safety goggles, rubber boots, and heavy rubber gloves.
Methods for cleaning up.
Ventilate area and wash spill site after material pickup is complete. Use proper personal protective equipment as indicated in Section 8.
Spills/Leaks: Avoid generating dusty conditions. Provide ventilation. Do not let this chemical enter the environment. Absorb spill with inert material (e.g. vermiculite, sand or earth), then place in suitable container.

7. Handling and Storage

Precautions To Be Taken in Handling: User Exposure: Avoid contact with eyes, skin, and clothing. Do not ingest or inhale. No special handling procedures are required.

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
9016-45-9	Poly(oxy-1,2-ethanediyl), .alpha.-(nonylphenyl)-.omega.-hydr {Nonylphenol Ethoxylate}			
25155-30-0	Sodium dodecylbenzene sulfonate {linear alkylbenzene sulfonate}			

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: Wash thoroughly after handling.

9. Physical and Chemical Properties

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

Appearance and Odor: Clear viscous blue-green liquid
Surfactantl odor.

Melting Point: 57.00 C - 58.00 C

Boiling Point: - 100.00 C

Autoignition Pt:

Flash Pt: 212.00 C Method Used: Estimate

Explosive Limits: LEL: UEL:

Specific Gravity (Water = 1): ~ 1.05

Vapor Pressure (vs. Air or mm Hg):

Vapor Density (vs. Air = 1):

Evaporation Rate:

Solubility in Water: Complete

Viscosity: Moderate

pH: ~ 5-9

Percent Volatile:

10. Stability and Reactivity

Stability: Unstable [ ] Stable [X]

Conditions To Avoid - Instability: Incompatible materials.

Incompatibility - Materials To Avoid: Acids, Strong acids.

Hazardous Decomposition Or Byproducts: Carbon monoxide, oxides of sulfur, Carbon dioxide.

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

Conditions To Avoid - Hazardous Reactions:

11. Toxicological Information

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

Carcinogenicity/Other Information: CAS# 25155-30-0: Not listed by ACGIH, IARC, NTP, or CA Prop 65. CAS# 7732-18-5: 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.
25155-30-0	Sodium dodecylbenzene sulfonate {linear alkylbenzene sulfonate}	n.a.	n.a.	n.a.	n.a.

12. Ecological Information

General Ecological Information: ELIMINATION.
Environmental: Aquatic: Water temperature affects biodegration. The rate of sodium-C12 linear alkylbenzene sulfonic acids biodegradation in Chesapeake Bay water was max at 25-30 deg C and decreased at lower incubation temperatures. Terrestrial: The adsorption of sodium-C12 linear alkylbenzene sulfonic acids is affected by the type of soil. The affinity of the soil for surfactants competes with microbial attack, slowing biodegradation. (HSDB)
Physical: No information available.
Other: Do not empty into drains.

13. Disposal Considerations

Waste Disposal Method: 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. 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.

14. Transport Information

LAND TRANSPORT (US DOT):

DOT Proper Shipping Name: Not regulated.
DOT Hazard Class: NA None
UN/NA Number: None **Packing Group:** III

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
25155-30-0	Sodium dodecylbenzene sulfonate {linear alkylbenzene sulfonate}	No	Yes 1000 LB	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
25155-30-0	Sodium dodecylbenzene sulfonate {linear alkylbenzene sulfonate}	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No

16. Other Information

Revision Date: 03/05/2015

Preparer Name: Regulatory Affairs

Hazard Rating System:

HMIS:

HEALTH	1
FLAMMABILITY	0
REACTIVITY	0
PPE	A

Additional Information About 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.