

SAFETY DATA SHEET**OPTIBLEND #15 MILD ACID CLEANER****1. Product and Company Identification**

Product Code: 4926
Product Name: OPTIBLEND #15 MILD ACID CLEANER
Revision: 10/24/2018
Supersedes Revision: 06/03/2015

Manufacturer Information:

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

Ellijay, GA 30540

Web site address: www.pdqonline.com

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

Supplier Name and Address:

Company Name: _____ **Phone Number:** _____

2. Hazards Identification

Serious Eye Damage/Eye Irritation, Category 2

Aquatic Toxicity (Acute), Category 3

Aquatic Toxicity (Chronic), Category 3



GHS Signal Word: **Warning**

GHS Hazard Phrases: H319 - Causes serious eye irritation.
 H412 - Harmful to aquatic life with long lasting effects.

GHS Precaution Phrases: P264 - Wash hands thoroughly after handling.
 P273 - Avoid release to the environment.
 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.
 P337+313 - If eye irritation persists, get medical advice/attention.

GHS Storage and Disposal Phrases: P501 - Dispose of contents/container in accordance with all local, regional, national and international regulations.

Potential Health Effects (Acute and Chronic):

Inhalation: No hazard expected in normal industrial use.

Skin Contact: May cause skin irritation.

Eye Contact: Causes severe eye irritation.

Ingestion: May be harmful if swallowed.

SAFETY DATA SHEET**OPTIBLEND #15 MILD ACID CLEANER****3. Composition/Information on Ingredients**

| CAS # | Hazardous Components (Chemical Name) | Concentration |
|------------|---|---------------|
| 77-92-9 | Citric acid | 5.0 -15.0 % |
| 34590-94-8 | Propanol, (2-Methoxymethylethoxy)- {(not 313)} | 3.0 -10.0 % |
| 9016-45-9 | Poly(oxy-1,2-ethanediyl), .alpha.-(nonylphenyl)-.omega.-hydr {Nonylphenol Ethoxylate} | 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: | Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician. |
| In Case of Ingestion: | Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician. Do NOT induce vomiting. |
| Note to Physician: | Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area. |

5. Fire Fighting Measures

| | | |
|--|---|---------------|
| Flash Pt: | No data. Method Used: Estimate | |
| Explosive Limits: | LEL: No data. | UEL: No data. |
| Autoignition Pt: | NA | |
| Suitable Extinguishing Media: | Use water spray, dry chemical, carbon dioxide, or alcohol-resistant foam. For small (incipient) fires, use media such as "alcohol" foam, dry chemical, or carbon dioxide. | |
| Fire Fighting Instructions: | Further information. Use water spray to cool unopened containers. 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: | No data available. | |

6. Accidental Release Measures

| | |
|---|---|
| Steps To Be Taken In Case Material Is Released Or Spilled: | <p>Personal precautions. Use personal protective equipment. Environmental precautions. Do not let product enter drains.</p> <p>Sweep up and shovel. Prevent further leakage or spillage if safe to do so. 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. Use proper personal protective equipment as indicated in Section 8.</p> |
|---|---|

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7. Handling and Storage

Precautions To Be Taken in Handling: Avoid contact with skin and eyes. Avoid formation of dust and aerosols. User Exposure: Avoid contact with eyes, skin, and clothing. No special handling procedures are required.

Precautions To Be Taken in Storing: No special storage requirements.

8. Exposure Controls/Personal Protection

| CAS # | Partial Chemical Name | OSHA TWA | ACGIH TWA | Other Limits |
|------------|---|--------------|-------------------------------|--------------|
| 77-92-9 | Citric acid | No data. | No data. | No data. |
| 34590-94-8 | Propanol, (2-Methoxymethylethoxy)- {(not 313)} | PEL: 100 ppm | TLV: 100 ppm STEL: 150 ppm | 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: 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.

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. Wash thoroughly after handling.

9. Physical and Chemical Properties

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

Appearance and Odor: Clear liquid. ... ENTER APPEARANCE DESCRIPTION
Flowery Odor.

Melting Point: 57.00 C - 159.00 C

Boiling Point: NA - 190.00 C

Autoignition Pt: NA

Flash Pt: No data. Method Used: Estimate

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

Specific Gravity (Water = 1): No data.

Density: ~ 1.05 G/CM3

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: < 3.0

Percent Volatile: No data.

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| | |
|---|--|
| Stability: | Unstable [] Stable [X] |
| Conditions To Avoid - Instability: | No data available. |
| Incompatibility - Materials To Avoid: | Oxidizing agents, Bases, Reducing agents, nitrates, Strong acids. Incompatible with alkalis, sol carbonates, gold and silver salts, lead acetate, lime water, potassium iodide, potassium and sodium tartrate, sodium borate, tannin, vegetable astringent infusions and decoctions. |
| Hazardous Decomposition or Byproducts: | formed under fire conditions. Carbon oxides, Carbon monoxide. |
| Possibility of Hazardous Reactions: | Will occur [] Will not occur [X] |
| Conditions To Avoid - Hazardous Reactions: | No data available. |

11. Toxicological Information

Toxicological Information: No data available.

| CAS # | Hazardous Components (Chemical Name) | NTP | IARC | ACGIH | OSHA |
|------------|---|------|------|-------|------|
| 77-92-9 | Citric acid | n.a. | n.a. | n.a. | n.a. |
| 34590-94-8 | Propanol, (2-Methoxymethylethoxy)- {(not 313)} | 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. |

12. Ecological Information

| | |
|-----------------------------------|--------------------|
| | No data available. |
| Bioaccumulative Potential: | No data available. |
| Mobility in Soil: | No data available. |

13. Disposal Considerations

| | |
|-------------------------------|---|
| Waste Disposal Method: | Product. Offer surplus and non-recyclable solutions to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material. |
| | Contaminated packaging. Dispose of as unused product. Empty container may be recycled or disposed of as solid sanitary waste. Do not reuse container. 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: NA None

UN/NA Number:

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) |
|------------|---|--------------|-----------|--------------|
| 77-92-9 | Citric acid | No | No | No |
| 34590-94-8 | Propanol, (2-Methoxymethylethoxy)- {(not 313)} | No | No | 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 |
|------------|---|--|
| 77-92-9 | Citric acid | CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No |
| 34590-94-8 | Propanol, (2-Methoxymethylethoxy)- {(not 313)} | CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory, 8A PAIR; 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, 8A PAIR, 12(b); CA PROP.65: No |

16. Other Information

Revision Date: 10/24/2018

Preparer Name: Regulatory Affairs

Hazard Rating System:

| | |
|--------------|---|
| HEALTH | 1 |
| FLAMMABILITY | 0 |
| REACTIVITY | 1 |
| PPE | A |

HMIS:
Additional Information About This Product: 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.