

# SAFETY DATA SHEET

## RTP Lemon Bright

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Revision: 01/15/2015

Distributor: Southern Maintenance Supply Co. Inc. 320 Page Street, Lynchburg, VA 24501 (434)847-4396

### 1. Product and Company Identification

**Product Code:** 4704  
**Product Name:** RTP LEMON BRIGHT  
**Company Name:** PDQ Manufacturing, Inc. **Phone Number:**  
201 Victory Circle (706)636-1848  
Ellijay, GA 30540  
**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

**Skin Corrosion/Irritation, Category 2**  
**Serious Eye Damage/Eye Irritation, Category 2A**  
**Specific Target Organ Toxicity (single exposure), Category 3**  
**Acute Toxicity: Oral, Category 5**



**GHS Signal Word:** **Warning**

**GHS Hazard Phrases:** H315 - Causes skin irritation.  
H319 - Causes serious eye irritation.  
H335 - May cause respiratory irritation.  
H303 - May be harmful if swallowed.

**GHS Precaution Phrases:** P264 - Wash hands thoroughly after handling.  
P280 - Wear protective gloves/eye protection.  
P362+364 - Take off contaminated clothing and wash it before reuse.  
P261 - Avoid breathing mist/spray.  
P271 - Use only outdoors or in a well-ventilated area.

**GHS Response Phrases:** P302+352 - IF ON SKIN: Wash with plenty of soap and water.  
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 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.  
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.

**GHS Storage and Disposal Phrases:** 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.

<b>Potential Health Effects (Acute and Chronic):</b>	Chronic: None.
<b>Inhalation:</b>	No hazard expected in normal industrial use. May be harmful if inhaled. Causes respiratory tract irritation.
<b>Skin Contact:</b>	Causes skin irritation.
<b>Eye Contact:</b>	Causes eye irritation.
<b>Ingestion:</b>	May be harmful if swallowed.

### 3. Composition/Information on Ingredients

CAS #	Hazardous Components (Chemical Name)	Concentration
1643-20-5	Dodecyldimethylamine oxide	<10.0 %

### 4. First Aid Measures

#### Emergency and First Aid Procedures:

<b>In Case of Inhalation:</b>	No specific treatment is necessary since this material is not likely to be hazardous by inhalation. If breathed in, move person into fresh air. Consult a physician.
<b>In Case of Skin Contact:</b>	Wash off with soap and plenty of water. Consult a physician. Take off contaminated clothing and shoes immediately.
<b>In Case of Eye Contact:</b>	Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician. Continue rinsing eyes during transport to hospital.
<b>In Case of Ingestion:</b>	Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician. Do NOT induce vomiting.
<b>Signs and Symptoms Of Exposure:</b>	To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.
<b>Note to Physician:</b>	Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area.

### 5. Fire Fighting Measures

<b>Flash Pt:</b>	NP
<b>Explosive Limits:</b>	LEL: N.A.      UEL: N.A.
<b>Autoignition Pt:</b>	NP
<b>Suitable Extinguishing Media:</b>	Substance is noncombustible; use agent most appropriate to extinguish surrounding fire.
<b>Fire Fighting Instructions:</b>	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. Wear self contained breathing apparatus for fire fighting if necessary.
<b>Flammable Properties and Hazards:</b>	CONDITIONS OF FLAMMABILITY: Not flammable or combustible.

### 6. Accidental Release Measures

<b>Steps To Be Taken In Case Material Is Released Or Spilled:</b>	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. Use personal protective equipment. Ensure adequate ventilation. Environmental precautions. Do not let product enter drains.  Pick up and arrange disposal without creating dust. Keep in suitable, closed containers for disposal. Evacuate personnel to safe areas. Sweep up and shovel.
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## 7. Handling and Storage

<b>Precautions To Be Taken in Handling:</b>	No special handling procedures are required. Avoid contact with skin and eyes. Avoid formation of dust and aerosols. Provide appropriate exhaust ventilation at places where dust is formed. Normal measures for preventive fire protection.
<b>Precautions To Be Taken in Storing:</b>	No special storage requirements. Keep container tightly closed in a dry and well-ventilated place. Keep in a dry place. Recommended storage temperature: 2 - -8 deg.C. Hygroscopic.

## 8. Exposure Controls/Personal Protection

CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
1643-20-5	Dodecyltrimethylamine oxide			
<b>Respiratory Equipment (Specify Type):</b>	Respirator protection is not normally required. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU). Where risk assessment shows air-purifying respirators are appropriate use a full-face particle respirator type N100 (US) or type P3 (EN 143) respirator cartridges as a backup to engineering controls.			
<b>Eye Protection:</b>	Eye protection is recommended.			
<b>Protective Gloves:</b>	Handle with gloves. Wash and dry hands.			
<b>Other Protective Clothing:</b>	Protective garments not normally required. Choose body protection according to the amount and concentration of the dangerous substance at the work place.			
<b>Engineering Controls (Ventilation etc.):</b>	There are no special ventilation requirements.			
<b>Work/Hygienic/Maintenance Practices:</b>	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

<b>Physical States:</b>	<input type="checkbox"/> Gas <input checked="" type="checkbox"/> Liquid <input type="checkbox"/> Solid
<b>Appearance and Odor:</b>	Clear yellow liquid. Lemon-type.
<b>Freezing Point:</b>	~ 0.00 C
<b>Boiling Point:</b>	~ 100.00 C
<b>Decomposition Temperature:</b>	NE
<b>Autoignition Pt:</b>	NP
<b>Flash Pt:</b>	NP
<b>Explosive Limits:</b>	LEL: N.A.      UEL: N.A.
<b>Specific Gravity (Water = 1):</b>	1.01 - 1.03      at 25.0 C
<b>Vapor Pressure (vs. Air or mm Hg):</b>	NE
<b>Vapor Density (vs. Air = 1):</b>	NE
<b>Evaporation Rate:</b>	> 1 (H2O=1)
<b>Solubility in Water:</b>	100%
<b>Saturated Vapor Concentration:</b>	NE
<b>Viscosity:</b>	Water thin
<b>pH:</b>	10.3 - 11.8
<b>Percent Volatile:</b>	> 90.0 % by weight.
<b>VOC / Volume:</b>	0.0000 G/L

## 10. Stability and Reactivity

**Stability:** Unstable [ ] Stable [ X ]

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

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

**Hazardous Decomposition Or Byproducts:** Carbon oxides, Sulphur oxides, Sodium oxides, nitrogen oxides (NOx).

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

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

## 11. Toxicological Information

**Toxicological Information:** Epidemiology: No data available.  
 Teratogenicity: No data available.  
 Neurotoxicity: Other Studies: Acute demal toxicity: LD50 rabbit  
 Dose > 2,000 mg/kg

Skin irritation: Rabbit  
 Non irritant

Eye irritation: Rabbit  
 minimal irritant. Respiratory or skin sensitization: Germ cell mutagenicity. Reproductive toxicity - no data available.  
 Specific target organ toxicity -single exposure (Globally Harmonized System)  
 Inhalation: May cause respiratory irritation.

Specific target organ toxicity -repeated exposure (Globally Harmonized System)  
 Aspiration hazard.

**Irritation or Corrosion:** No data available.  
 Skin - rabbit - Severe skin irritation.  
 Serious eye damage/eye irritation:  
 Eyes - rabbit - Severe eye irritation.

**Carcinogenicity/Other Information:** CAS# 7732-18-5: Not listed by ACGIH, IARC, NTP, or CA Prop 65. Carcinogenicity.  
 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.  
 ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.  
 NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.  
 OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

CAS #	Hazardous Components (Chemical Name)	NTP	IARC	ACGIH	OSHA
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1643-20-5 Dodecyldimethylamine oxide n.a. n.a. n.a. n.a.

### 12. Ecological Information

**Persistence and Degradability:** No data available.

**Bioaccumulative Potential:** No data available.

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

### 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. Product. Observe all federal, state, and local environmental regulations. Dispose of as unused product.

### 14. Transport Information

#### LAND TRANSPORT (US DOT):

**DOT Proper Shipping Name:** CONSUMER COMMODITY, ORM-D.

**DOT Hazard Class:**

**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)
1643-20-5	Dodecyldimethylamine oxide	No	No	No

#### CAS # Hazardous Components (Chemical Name)

1643-20-5 Dodecyldimethylamine oxide

#### Other US EPA or State Lists

CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No

### 16. Other Information

**Revision Date:** 01/15/2015

**Preparer Name:** Regulatory Affairs

#### Hazard Rating System:

HEALTH		1
FLAMMABILITY		0
REACTIVITY		0
PPE		A

HMIS:

#### Additional Information About This Product:

#### Company Policy or Disclaimer:

The information contained in this Material 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

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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.