

## SAFETY DATA SHEET

Preparation Date: 11/27/2017

Revision Date: Not Applicable

Revision Number: Not Applicable

### 1. IDENTIFICATION

#### Product identifier

**Product code:** PT-110  
**Product Name:** 0.8% Platinum on Carbon Powder, Reduced, Water Wet, 23 Microns

#### Other means of identification

**Synonyms:** No information available  
**CAS #:** Mixture  
**RTECS #** Not available  
**CI#:** Not available

#### Recommended use of the chemical and restrictions on use

**Recommended use:** No information available.  
**Uses advised against** No information available

**Supplier:** Spectrum Chemical Mfg. Corp  
14422 South San Pedro St.  
Gardena, CA 90248  
(310) 516-8000

**Order Online At:** <https://www.spectrumchemical.com>  
**Emergency telephone number** Chemtrec 1-800-424-9300  
**Contact Person:** Martin LaBenz (West Coast)  
**Contact Person:** Ibad Tirmiz (East Coast)

### 2. HAZARDS IDENTIFICATION

#### Classification

This chemical is not considered hazardous according to the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Not a dangerous substance or mixture according to the Globally Harmonized System (GHS)

#### Label elements

Not classified

#### Hazards not otherwise classified (HNOC)

Not Applicable

#### Other hazards

Not available

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Components	CAS-No.	Weight %
Water	7732-18-5	64-65
Charcoal activated	7440-44-0	34-35
Platinum Metal, powder	7440-06-4	0.8
Hexadecyl(2-hydroxyethyl)dimethyl ammonium dihydrogen phosphate	85563-48-0	>=0.1-<0.3

### 4. FIRST AID MEASURES

#### First aid measures

- General Advice:** National Capital Poison Center in the United States can provide assistance if you have a poison emergency and need to talk to a poison specialist. Call 1-800-222-1222.
- Skin Contact:** Wash off immediately with soap and plenty of water removing all contaminated clothing and shoes. Get medical attention if irritation develops. Consult a physician if necessary.
- Eye Contact:** Flush eyes with water for 15 minutes. Get medical attention if irritation occurs. If symptoms persist, call a physician.
- Inhalation:** Move to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.
- Ingestion:** Do not induce vomiting without medical advice. Never give anything by mouth to an unconscious person. Consult a physician if necessary.

#### Most important symptoms and effects, both acute and delayed

- Symptoms** May cause eye irritation  
May cause skin irritation  
May cause irritation of respiratory tract

#### Indication of any immediate medical attention and special treatment needed

- Notes to Physician:** Treat symptomatically.

#### Protection of first-aiders

First-Aid Providers: Avoid exposure to blood or body fluids. Wear gloves and other necessary protective clothing. Dispose of contaminated clothing and equipment as bio-hazardous waste.

### 5. FIRE-FIGHTING MEASURES

#### Extinguishing Media

**Suitable Extinguishing Media:** The product is not flammable. If it is involved in a fire, extinguish the fire using an agent suitable for the type of surrounding fire.

**Unsuitable Extinguishing Media:** No information available.

#### Specific hazards arising from the chemical

**Hazardous Combustion Products:** If it is involved in a fire the following can be released: Carbon Oxides. Metallic Oxides.

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**Specific hazards:** No information available.

**Special Protective Actions for Firefighters**

**Specific Methods:** No information available.

**Special Protective Equipment for Firefighters:** As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear

**6. ACCIDENTAL RELEASE MEASURES**

**Personal precautions, protective equipment and emergency procedures**

**Personal Precautions:** Ensure adequate ventilation. Wear personal protective equipment. Avoid contact with skin, eyes and clothing. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing.

**Environmental precautions** Prevent further leakage or spillage if safe to do so. Prevent product from entering drains. Prevent entry into waterways, sewers, basements or confined areas.

**Methods and material for containment and cleaning up**

**Methods for containment** Stop leak if you can do it without risk. Cover with plastic sheet to prevent spreading.

**Methods for cleaning up** Sweep up and shovel into suitable containers for disposal. Clean contaminated surface thoroughly.

**7. HANDLING AND STORAGE**

**Precautions for safe handling**

**Technical Measures/Precautions:**

Provide sufficient air exchange and/or exhaust in work rooms. Avoid dust formation. Keep away from incompatible materials.

**Safe Handling Advice**

Wear personal protective equipment. Avoid contact with skin, eyes and clothing. Do not ingest. Do not breathe dust. Avoid dust formation. Use only in well-ventilated areas. Handle in accordance with good industrial hygiene and safety practice.

**Conditions for safe storage, including any incompatibilities**

**Technical Measures/Storage Conditions:**

Keep container tightly closed. Store at room temperature in the original container. Store away from incompatible materials.

**Incompatible Materials:**

- Strong bases
- Strong oxidizing agents
- Strong acids

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Control parameters**

**National occupational exposure limits**

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## United States

Components	CAS-No.	OSHA	NIOSH	ACGIH	AIHA WEEL
Water	7732-18-5	None	None	None	None
Charcoal activated	7440-44-0	None	None	None	None
Platinum Metal, powder	7440-06-4	0.002 mg/m <sup>3</sup> TWA	1 mg/m <sup>3</sup> TWA	1 mg/m <sup>3</sup> TWA	Not determined
Hexadecyl(2-hydroxyethyl)dimethyl ammonium dihydrogen phosphate	85563-48-0	None	None	None	None

## Canada

Components	CAS-No.	Canada - Alberta	Canada - British Columbia	Canada - Ontario	Canada - Quebec
Water	7732-18-5	None	None	None	None
Charcoal activated	7440-44-0	None	None	None	None
Platinum Metal, powder	7440-06-4	1 mg/m <sup>3</sup> TWA	1 mg/m <sup>3</sup> TWA	1 mg/m <sup>3</sup> TWA	1 mg/m <sup>3</sup> TWAEV
Hexadecyl(2-hydroxyethyl)dimethyl ammonium dihydrogen phosphate	85563-48-0	None	None	None	None

## Australia and Mexico

Components	CAS-No.	Australia	Mexico
Water	7732-18-5	None	None
Charcoal activated	7440-44-0	None	2 mg/m <sup>3</sup> TWA
Platinum Metal, powder	7440-06-4	1 mg/m <sup>3</sup> TWA	None
Hexadecyl(2-hydroxyethyl)dimethyl ammonium dihydrogen phosphate	85563-48-0	None	None

## Appropriate engineering controls

### Engineering measures to reduce exposure:

Ensure adequate ventilation, especially in confined areas. Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit. In case of insufficient ventilation, wear suitable respiratory equipment.

## Individual protection measures, such as personal protective equipment

### Personal Protective Equipment

**Eye protection:** Safety glasses or Goggles

**Skin and body protection:** Long sleeved clothing  
apron  
Gloves

**Respiratory protection:** Respiratory protection is not necessary for normal handling. Good room ventilation or use of local exhaust (fume hood) is sufficient. In well ventilated areas or if used in a fume hood, respiratory protection is not normally required. Use a dust respirator under conditions where exposure to the substance is apparent (e.g. generation of high concentration of dust (dust clouds) , inadequate ventilation, development of respiratory tract irritation), and engineering controls are

not feasible. Be sure to use an approved/certified respirator or equivalent.

**Hygiene measures:**

Avoid contact with skin, eyes and clothing. When using, do not eat, drink or smoke. Wash hands before breaks and immediately after handling the product. Wear suitable gloves and eye/face protection.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

<b>Physical state:</b> Solid	<b>Appearance:</b> Wettable powder.	<b>Color:</b> Black.
<b>Odor:</b> Odorless.	<b>Taste</b> No information available.	<b>Formula:</b> No information available
<b>Molecular/Formula weight:</b> No information available	<b>Flammability:</b> No information available	<b>Flashpoint (°C/°F):</b> No information available.
<b>Flash Point Tested according to:</b> Not available	<b>Autoignition Temperature (°C/°F):</b> No information available	<b>Lower Explosion Limit (%):</b> No information available
<b>Upper Explosion Limit (%):</b> No information available	<b>Melting point/range(°C/°F):</b> No information available	<b>Decomposition temperature(°C/°F):</b> No information available
<b>Boiling point/range(°C/°F):</b> No information available	<b>Bulk density:</b> 400-600 kg/m <sup>3</sup>	<b>Density (g/cm<sup>3</sup>):</b> No information available
<b>Specific gravity:</b> No information available	<b>pH:</b> No information available	<b>Vapor pressure @ 20°C (kPa):</b> No information available
<b>Evaporation rate:</b> No information available	<b>Vapor density:</b> No information available	<b>VOC content (g/L):</b> No information available
<b>Odor threshold (ppm):</b> No information available	<b>Partition coefficient (n-octanol/water):</b> No information available	<b>Viscosity:</b> No information available
<b>Miscibility:</b> No information available	<b>Solubility:</b> Insoluble in water	

**10. STABILITY AND REACTIVITY**

**Reactivity**  
No information available

**Chemical stability**

**Stability:** Stable under recommended storage conditions.

**Possibility of Hazardous Reactions:** Hazardous polymerization does not occur

**Conditions to avoid:** Heat. Avoid dust formation. Incompatible materials.

**Incompatible Materials:** Strong bases  
Strong oxidizing agents  
Strong acids

**Hazardous decomposition products:** No information available.

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**Other Information**

Corrosivity: No information available

Special Remarks on Corrosivity: No information available

**11. TOXICOLOGICAL INFORMATION****Information on likely routes of exposure****Principal Routes of Exposure:**

Inhalation. Ingestion.

**Acute Toxicity****Component Information**

Water	
CAS-No.	7732-18-5

**LD50/oral/rat** = > 90 mL/kg Oral LD50 Rat  
**LD50/oral/mouse** = No information available  
**LD50/dermal/rabbit** = No information available  
**LD50/dermal/rat** = No information available  
**LC50/inhalation/rat** = No information available  
**LC50/inhalation/mouse** = No information available  
**Other LD50 or LC50information** = No information available

Charcoal activated	
CAS-No.	7440-44-0

**LD50/oral/rat** = >10000 mg/kg Oral LD50 Rat  
**LD50/oral/mouse** = >5000 mg/kg  
**LD50/dermal/rabbit** = No information available  
**LD50/dermal/rat** = No information available  
**LC50/inhalation/rat** = No information available  
**LC50/inhalation/mouse** = No information available  
**Other LD50 or LC50information** = >5000 mg/kg LD50 Oral Dog

Platinum Metal, powder	
CAS-No.	7440-06-4

**LD50/oral/rat** = No information available  
**LD50/oral/mouse** = No information available  
**LD50/dermal/rabbit** = No information available  
**LD50/dermal/rat** = No information available  
**LC50/inhalation/rat** = No information available  
**LC50/inhalation/mouse** = No information available  
**Other LD50 or LC50information** = LD50[Mouse] - Route: Intrapertoneal; Dose: 17 mg/kg

Hexadecyl(2-hydroxyethyl)dimethyl ammonium dihydrogen phosphate	
CAS-No.	85563-48-0

**LD50/oral/rat** = No information available  
**LD50/oral/mouse** = No information available  
**LD50/dermal/rabbit** = No information available  
**LD50/dermal/rat** = No information available  
**LC50/inhalation/rat** = No information available  
**LC50/inhalation/mouse** = No information available  
**Other LD50 or LC50information** = No information available

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**LD50/oral/rat =**  
**VALUE- Acute Tox Oral =** No information available

**LD50/oral/mouse =**  
**Value - Acute Tox Oral =** No information available

**LD50/dermal/rabbit**  
**VALUE-Acute Tox Dermal =** No information available

**LD50/dermal/rat**  
**VALUE -Acute Tox Dermal =** No information available

**LC50/inhalation/rat**  
**VALUE-Vapor =** No information available  
**VALUE-Gas =** No information available  
**VALUE-Dust/Mist =** No information available

**LC50/Inhalation/mouse**  
**VALUE-Vapor =** No information available  
**VALUE - Gas =** No information available  
**VALUE - Dust/Mist =** No information available

**Symptoms**

**Skin Contact:** May cause skin irritation.  
**Eye Contact:** May cause eye irritation.  
**Inhalation** May cause respiratory tract irritation.  
**Ingestion** May cause nausea. May cause constipation.  
**Aspiration hazard** No information available.

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

**Chronic Toxicity** No information available.  
**Sensitization:** No information available.  
**Mutagenic Effects:** No information available  
**Carcinogenic effects:** Not considered carcinogenic.

Components	CAS-No.	IARC	ACGIH - Carcinogens	NTP	OSHA HCS - Carcinogens	Australia - Notifiable Carcinogenic Substances	Australia - Prohibited Carcinogenic Substances
Water	7732-18-5	Not listed	Not listed	Not listed	Not listed	Not listed	Not listed
Charcoal activated	7440-44-0	Not listed	Not listed	Not listed	Not listed	Not listed	Not listed
Platinum Metal, powder	7440-06-4	Not listed	Not listed	Not listed	Not listed	Not listed	Not listed
Hexadecyl(2-hydroxyethyl)dimethyl ammonium dihydrogen phosphate	85563-48-0	Not listed	Not listed	Not listed	Not listed	Not listed	Not listed

*ACGIH (American Conference of Governmental Industrial Hygienists)*

*IARC (International Agency for Research on Cancer)*

*NTP (National Toxicology Program)*

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**Reproductive toxicity** No data is available

**Reproductive Effects:** No information available  
**Developmental Effects:** No information available  
**Teratogenic Effects:** No information available

**Specific Target Organ Toxicity**

**STOT - single exposure** No information available.  
**STOT - repeated exposure** No information available.  
**Target Organs:** No information available.

**12. ECOLOGICAL INFORMATION**

**Ecotoxicity**

**Ecotoxicity effects:** No data available.  
**Persistence and degradability:** No information available  
**Bioaccumulative potential:** No information available.  
**Mobility:** No information available.

**13. DISPOSAL CONSIDERATIONS**

**Disposal Methods**

**Waste from residues / unused products:**  
 Waste must be disposed of in accordance with Federal, State and Local regulation.

**Contaminated packaging:**  
 Empty containers should be taken for local recycling, recovery or waste disposal

Components	CAS-No.	RCRA - F Series Wastes	RCRA - K Series Wastes	RCRA - P Series Wastes	RCRA - U Series Wastes
Water	7732-18-5	None	None	None	None
Charcoal activated	7440-44-0	None	None	None	None
Platinum Metal, powder	7440-06-4	None	None	None	None
Hexadecyl(2-hydroxyethyl)dimethyl ammonium dihydrogen phosphate	85563-48-0	None	None	None	None

**14. TRANSPORT INFORMATION**

**DOT**  
**UN-No:** Not Regulated  
**Proper Shipping Name:** No information available  
**Hazard Class:** No information available  
**Subsidiary Class** No information available  
**Packing group:** No information available  
**Emergency Response Guide** No information available

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**Number**  
**Marine Pollutant**  
**DOT RQ (lbs):**  
**Special Provisions**  
**Symbol(s):**  
**Description:**

No data available  
No information available  
No Information available  
No information available  
No information available

**TDG (Canada)**

**UN-No:**  
**Proper Shipping Name:**  
**Hazard Class:**  
**Subsidiary Risk:**  
**Packing Group:**  
**Marine Pollutant**  
**Description:**

Not Regulated  
No information available  
No information available  
No information available  
No information available  
No Information available  
No information available

**ADR**

**UN-No:**  
**Proper Shipping Name:**  
**Hazard Class:**  
**Packing Group:**  
**Subsidiary Risk:**

Not Regulated  
No information available  
No information available  
No information available  
No information available

**IMO / IMDG**

**UN-No:**  
**Proper Shipping Name:**  
**Hazard Class:**  
**Subsidiary Risk:**  
**Packing Group:**  
**Marine Pollutant**

Not Regulated  
No information available  
No information available  
No information available  
No information available  
No information available

**RID**

**UN-No:**  
**Proper Shipping Name:**  
**Hazard Class:**  
**Subsidiary Risk:**  
**Packing Group:**

Not Regulated  
No information available  
No information available  
No information available  
No information available

**ICAO**

**UN-No:**  
**Proper Shipping Name:**  
**Hazard Class:**  
**Subsidiary Risk:**  
**Packing Group:**

Not Regulated  
No information available  
No information available  
No information available  
No information available

**IATA**

**UN-No:**  
**Proper Shipping Name:**  
**Hazard Class:**  
**Subsidiary Risk:**  
**Packing Group:**  
**ERG Code:**  
**Special Provisions**

Not Regulated  
No information available  
No information available  
No information available  
No information available  
No information available  
No information available

**15. REGULATORY INFORMATION**

**International Inventories**

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Components	CAS-No.	U.S. TSCA	KOREA KECL	Philippines (PICCS)	Japan ENCS	CHINA	Australia (AICS)	EINECS-No.
Water	7732-18-5	Present	Present KE-35400	Present	Not present	Present	Present	Present 231-791-2
Charcoal activated	7440-44-0	Present	Present KE-04671	Present	Not present	Present	Present	Present 231-153-3
Platinum Metal, powder	7440-06-4	Present	Present KE-28808	Present	Not present	Present	Present	Present 231-116-1
Hexadecyl(2-hydroxyethyl)dimethyl ammonium dihydrogen phosphate	85563-48-0	Not Listed	Not present	Not present	Not present	Not present	Not present	Not present

## U.S. Regulations

### Platinum Metal, powder

Massachusetts RTK: Present

New Jersey RTK Hazardous Substance List: 1547

Pennsylvania RTK: Present

Minnesota - Hazardous Substance List: Present

California Directors List of Hazardous Substances: Present

### California Prop. 65: Safe Drinking Water and Toxic Enforcement Act of 1986.

#### Chemicals Known to the State of California to Cause Cancer:

This product does not contain a chemical requiring a warning under California Prop. 65. (See table below)

#### Chemicals Known to the State of California to Cause Reproductive Toxicity:

This product does not contain a chemical requiring a warning under California Prop. 65. (See table below)

Components	CAS-No.	Carcinogen	Developmental Toxicity	Male Reproductive Toxicity	Female Reproductive Toxicity:
Water	7732-18-5	Not Listed	Not Listed	Not Listed	Not Listed
Charcoal activated	7440-44-0	Not Listed	Not Listed	Not Listed	Not Listed
Platinum Metal, powder	7440-06-4	Not Listed	Not Listed	Not Listed	Not Listed
Hexadecyl(2-hydroxyethyl)dimethyl ammonium dihydrogen phosphate	85563-48-0	Not Listed	Not Listed	Not Listed	Not Listed

## CERCLA/SARA

Components	CAS-No.	CERCLA - Hazardous Substances and their Reportable Quantities	Section 302 Extremely Hazardous Substances and TPQs	Section 302 Extremely Hazardous Substances and RQs	Section 313 - Chemical Category	Section 313 - Reporting de minimis
Water	7732-18-5	None	None	None	None	None
Charcoal activated	7440-44-0	None	None	None	None	None
Platinum Metal, powder	7440-06-4	None	None	None	None	None
Hexadecyl(2-hydroxyethyl)dimethyl ammonium dihydrogen phosphate	85563-48-0	None	None	None	None	None

## U.S. TSCA

Components	CAS-No.	TSCA Section 5(a)2 - Chemicals With Significant New Use Rules (SNURS)	TSCA 8(d) -Health and Safety Reporting
Water	7732-18-5	Not Applicable	Not Applicable
Charcoal activated	7440-44-0	Not Applicable	Not Applicable
Platinum Metal, powder	7440-06-4	Not Applicable	Not Applicable

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Hexadecyl(2-hydroxyethyl)dimethyl ammonium dihydrogen phosphate	85563-48-0	Not Applicable	Not Applicable
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## Canada

### WHMIS 2015 - GHS Classifications

WHMIS 2015 Hazard Classification Information: Not a dangerous product according to HPR classification criteria.

Component	WHMIS 2015 Hazard Classification
Water 7732-18-5 ( 64-65 )	Not a dangerous product according to HPR classification criteria
Charcoal activated 7440-44-0 ( 34-35 )	Combustible Dust - Category 1: May form combustible dust concentrations in air (factors such as combustibility and explosiveness of dusts including composition and shape and size of particles could cause substance to belong to 'Combustible dust' hazard class)
Platinum Metal, powder 7440-06-4 ( 0.8 )	Combustible Dust - Category 1: May form combustible dust concentrations in air (factors such as combustibility and explosiveness of dusts including composition and shape and size of particles could cause substance to belong to 'Combustible dust' hazard class)

**Canada Hazardous Products Regulation** This product has been classified according to the hazard criteria of the HPR (Hazardous Products Regulation) and the SDS contains all of the information required by the HPR

### WHMIS 1988 Hazard Class

Non-controlled

### Components

Water

WHMIS 1988

Uncontrolled product according to WHMIS classification criteria

Charcoal activated

Uncontrolled product according to WHMIS classification criteria

### Canada Controlled Products Regulation:

This product has been classified according to the hazard criteria of the CPR (Controlled Products Regulation) and the MSDS contains all of the information required by the CPR.

<b>Components</b>	<b>WHMIS Ingredient Disclosure List -</b>
Platinum Metal, powder	1 %

### Inventory

Components	CAS-No.	Canada (DSL)	Canada (NDSL)
Water	7732-18-5	Present	Not Listed
Charcoal activated	7440-44-0	Present	Not Listed
Platinum Metal, powder	7440-06-4	Present	Not Listed
Hexadecyl(2-hydroxyethyl)dimethyl ammonium dihydrogen phosphate	85563-48-0	Not Listed	Not Listed

Components	CAS-No.	CEPA Schedule I - Toxic Substances
Water	7732-18-5	Not listed
Charcoal activated	7440-44-0	Not listed
Platinum Metal, powder	7440-06-4	Not listed
Hexadecyl(2-hydroxyethyl)dimethyl ammonium dihydrogen phosphate	85563-48-0	Not listed
Components	CAS-No.	CEPA - 2010 Greenhouse Gases Subject to Mandatory Reporting
Water	7732-18-5	Not listed
Charcoal activated	7440-44-0	Not listed
Platinum Metal, powder	7440-06-4	Not listed
Hexadecyl(2-hydroxyethyl)dimethyl ammonium	85563-48-0	Not listed

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dihydrogen phosphate		
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## EU Classification

### EU GHS - SV - CLP 1272/2008

Components	CAS-No.	EU GHS - SV - CLP (1272/2008)
Water	7732-18-5	
Charcoal activated	7440-44-0	No information
Platinum Metal, powder	7440-06-4	
Hexadecyl(2-hydroxyethyl)dimethyl ammonium dihydrogen phosphate	85563-48-0	

### EU - CLP (1272/2008)

#### R-phrase(s)

Not determined

#### S -phrase(s)

none

Components	CAS-No.	Classification	Concentration Limits:	Safety Phrases
Water	7732-18-5		No information	
Charcoal activated	7440-44-0		No information	
Platinum Metal, powder	7440-06-4		No information	
Hexadecyl(2-hydroxyethyl)dimethyl ammonium dihydrogen phosphate	85563-48-0		No information	

The product is classified in accordance with Annex VI to Directive 67/548/EEC

#### Indication of danger:

not determined

## 16. OTHER INFORMATION

Preparation Date: 11/27/2017  
Revision Date: Not Applicable  
Prepared by: Sonia Owen

#### Disclaimer:

All chemicals may pose unknown hazards and should be used with caution. This Safety Data Sheet (SDS) applies only to the material as packaged. If this product is combined with other materials, deteriorates, or becomes contaminated, it may pose hazards not mentioned in this SDS. The physical properties reported in this SDS are obtained from the literature and do not constitute product specifications. Information contained herein does not constitute a warranty, whether expressed or implied, as to the safety, merchantability or fitness of the goods for a particular purpose. Spectrum Chemicals & Laboratory Products, Inc. assumes no responsibility for results obtained or for incidental or consequential damages, including lost profits, arising from the use of these data. No warranty against infringement of any patent, copyright or trademark is made or implied. It shall be the user's responsibility to develop proper methods of handling and personal protection based on the actual conditions of use. While this SDS is based on technical data judged to be reliable, Spectrum assumes no responsibility for the completeness or accuracy of the information contained herein.

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**End of Safety Data Sheet**

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