

## **SAFETY DATA SHEETS**

**This SDS packet was issued with item:**

078068576

**The safety data sheets (SDS) in this packet apply to the individual products listed below. Please refer to invoice for specific item number(s).**

078905429

## CHEMLUBE<sup>®</sup> 215 DIESTER-BASED COMPRESSOR LUBRICANT

1. PRODUCT AND COMPANY IDENTIFICATION				
Product Name	CHEMLUBE 215			
Company	Ultrachem Inc. 900 Centerpoint Blvd. New Castle, DE 19720 Phone: (302) 325-9880 <span style="float: right;">Fax: (302) 325-0335</span>			
Emergency Number	Chemtrec: 1-800-424-9300			
2. HAZARDS IDENTIFICATION				
Appearance: Clear and Bright	Physical State: Liquid <span style="float: right;">Odor: Odorous</span>			
OSHA Regulatory Status	This material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200)			
<b><u>Potential Health Effects</u></b>				
Principal Routes of Exposure	Skin contact, Eye contact.			
Acute Toxicity: Eyes, Skin, Inhalations, Ingestion	No known significant effects or critical hazards.			
Chronic Effects	No known effect.			
Aggravated Medical Conditions	None known.			
Interactions with Other Chemical	None known.			
Environmental Hazard	No information available			
3. COMPOSITION/ INFORMATION ON INGREDIENTS				
Chemical Family	Diester			
4. FIRST AID MEASURES				
Eye Contact	Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.			
Skin Contact	Wash off with plenty of water. In case of skin irritation or allergic reactions see a physician.			
Inhalation	IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. Consult a physician.			
Protection of First-aiders	Ensure that medical personnel are aware of the material(s) involved and take precautions to protect themselves.			
Interactions with Other Chemicals	None known.			
5. FIRE-FIGHTING MEASURES				
Flash Point	274°C /526°F			
Suitable Extinguishing Media	Dry chemical, CO <sub>2</sub> , water spray or regular foam.			
Protective Equipment and Precautions for Firefighters	As in any fire, wear self-contained breathing apparatus pressure-demand. MSHA/NIOSH (approved or equivalent) and full protective gear.			
NFPA	<table style="width: 100%; border: none;"> <tr> <td style="border: none;">Health: 1</td> <td style="border: none;">Flammability: 1</td> <td style="border: none;">Stability: 0</td> </tr> </table>	Health: 1	Flammability: 1	Stability: 0
Health: 1	Flammability: 1	Stability: 0		

6. ACCIDENTAL RELEASE MEASURES			
Personal Precautions	Evacuate personnel to safe areas. Use personal protective equipment.		
Methods for Containment	Dike for disposal and cover with wet sand or earth.		
Methods for Clean up	Prevent product from entering drains. Use a non-combustible material like vermiculite, sand or earth to soak up product and place in a container for later disposal.		
7. HANDLING AND STORAGE			
Handling	Handle in accordance with good industrial hygiene and safety practice.		
Storage	Keep containers tightly closed in a cool, well-ventilated place.		
8. EXPOSURE CONTROLS/PERSONAL PROTECTION			
Engineering Measures	None under normal use conditions.		
Personal Protective Equipment	Eye/Face Protection: Safety glasses with side shields Skin and Body: Wear protective gloves/clothing Respiratory: No special protective equipment required.		
<b>Chemical Name</b>	<b>ACGIH TLV</b>	<b>OSHA PEL</b>	<b>NIOSH IDLH</b>
Aniline	TWA: 2 ppm	TWA: 19 mg/m <sup>3</sup> , 5 ppm	100 ppm
9. PHYSICAL AND CHEMICAL PROPERTIES			
Appearance	Clear and Bright	Odor	Odorous
Physical State	Liquid	Flash Point	274°C /526°F
Specific Gravity	0.96	Weight per Gallon	8.00
Viscosity @ 40°C	36 cSt		
10. STABILITY AND REACTIVITY			
Stability	Stable under normal conditions.		
Incompatible Products	Incompatible with oxidizing agents.		
Conditions to avoid	None Known.		
Hazardous Decomposition Products	None under normal use.		
Hazardous Reactions	None under normal use.		
Hazardous Polymerization	Hazardous polymerization does not occur.		
11. TOXICOLOGICAL INFORMATION			
Acute Toxicity	Product is safe for intended use based on the formulation, testing results and the long history of safe consumer use.		
Carcinogenicity	ACGIH – A3 - Aniline		
Endocrine Disruptor	Not available		
<b>Chemical Name</b>	<b>LD50 Oral</b>	<b>LD50 Dermal</b>	<b>LC50 Inhalation</b>
N-Phenyl-beta-naphthylamine	8730 mg/kg (Rat)		
Aniline	250 mg/kg (Rat)	1400 mg/kg (Rat)	

## 12. ECOLOGICAL INFORMATION

Ecotoxicity		The environmental impact of this product has not been fully investigated. However, at the concentration present, this preparation is not expected to present significant adverse environmental effects		
<b>Chemical Name</b>	<b>Toxicity to Algae</b>	<b>Toxicity to Fish</b>	<b>Microtox</b>	<b>Water Flea</b>
Aniline		LC50 = 75.5 mg/L 96 h	EC50 = 425 mg/L 5 min	

## 13. DISPOSAL CONSIDERATIONS

Waste Disposal Method | Dispose of contents/container in accordance with local regulations.  
 This product contains one or more substances that are listed with the State of California as a hazardous waste – Aniline

## 14. TRANSPORT INFORMATION

<b>DOT</b>	Not Regulated	<b>IATA</b>	Not Regulated	<b>IMDG/IMO</b>	Not Regulated
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## 15. REGULATORY INFORMATION

### International Inventories

<b>TSCA</b>	Listed	<b>DSL</b>	Listed	<b>EINECS/ELINCS</b>	Listed	<b>ENCS</b>	Not Listed
<b>IECSC</b>	Listed	<b>KECL</b>	Listed	<b>PICCS</b>	Listed	<b>AICS</b>	Listed

### U.S. Federal Regulations

<b>Chemical Name</b>	<b>Massachusetts</b>	<b>New Jersey</b>	<b>Pennsylvania</b>	<b>Illinois</b>	<b>Rhode Island</b>
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**SARA 313:** Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1985 (SARA). This product does not contain any chemicals which are subject to the reporting of the Act and Title 40 of the Code of Federal Regulations, Part 372.

**SARA 311/312 Hazard Categories:** None

**Clean Water Act:** This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

**Clean Air Act, Section 112, Hazardous Air Pollutants (HAPs):** This product contains no substances which are listed hazardous air pollutants (HAPs) under Section 112 of the Clean Air Act.

### U.S. State Regulations/ International Regulations

**California Proposition 65:** This product contains a substance on the list of Proposition 65 chemicals.

**Mexico – Grade:** No information available

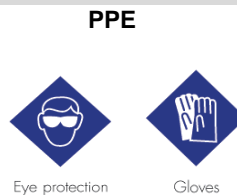
**RoHS Compliant**

## 16. OTHER INFORMATION



**HMIS**

Health Hazard	<b>1</b>
Fire Hazard	<b>.1</b>
Reactivity	<b>0</b>



**Transport Symbol**

**Not Regulated**

**Issuing Date:** March 14, 2012

**Supersedes:** February 7, 2011

**Disclaimer:** The information provided on the MSDS is a correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.



Issuing Date 29-Jun-2016

Revision Date 02-Oct-2018

Revision Number 2

## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

### Product identifier

Product Name CHEMLUBE® 215

### Other means of identification

Product Code(s) CL215

Synonyms None

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

Recommended Use Lubricant

Uses advised against No information available

### Details of the supplier of the safety data sheet

#### Supplier Address

Ultrachem, Inc.  
900 Centerpoint Blvd  
New Castle, DE 19720  
Telephone: 302-325-9880  
Fax: 302-325-0335

### Emergency telephone number

Chemtrec (US): 1-800-424-9300

## 2. HAZARDS IDENTIFICATION

### Classification

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

### Label elements

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

Appearance Oil

Physical state Liquid

Odor mild

**Hazards not otherwise classified (HNOC)**

Not applicable

**Other Information**

Not applicable

**Unknown acute toxicity** <10% of the mixture consists of ingredient(s) of unknown toxicity**3. COMPOSITION/INFORMATION ON INGREDIENTS****Mixture**

Chemical name	CAS No.	Weight-%
Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene	68411-46-1	1 - 5

**4. FIRST AID MEASURES****Description of first aid measures**

<b>Inhalation</b>	Remove to fresh air. Call a physician.
<b>Eye contact</b>	Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.
<b>Skin contact</b>	Wash skin with soap and water. Take off contaminated clothing and wash before reuse.
<b>Ingestion</b>	Drink plenty of water. Do NOT induce vomiting. Consult a physician if necessary.

**Most important symptoms and effects, both acute and delayed****Symptoms** No information available.**Indication of any immediate medical attention and special treatment needed****Note to physicians** Treat symptomatically.**5. FIRE-FIGHTING MEASURES**

<b>Suitable Extinguishing Media</b>	Carbon dioxide (CO <sub>2</sub> ). Dry chemical. Water spray, fog or regular foam.
<b>Unsuitable extinguishing media</b>	CAUTION: Use of water spray when fighting fire may be inefficient.
<b>Specific hazards arising from the chemical</b>	Thermal decomposition can lead to release of irritating and toxic gases and vapors.
<b>Explosion data</b>	
<b>Sensitivity to Mechanical Impact</b>	None.
<b>Sensitivity to Static Discharge</b>	None.
<b>Special protective equipment for fire-fighters</b>	Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.

## 6. ACCIDENTAL RELEASE MEASURES

### Personal precautions, protective equipment and emergency procedures

**Personal precautions** Ensure adequate ventilation. Use personal protective equipment as required.

### Environmental precautions

**Environmental precautions** Should not be released into the environment. See Section 12 for additional Ecological Information.

### Methods and material for containment and cleaning up

**Methods for containment** Prevent further leakage or spillage if safe to do so.

**Methods for cleaning up** Soak up with inert absorbent material. Place in appropriate chemical waste container.

**Prevention of secondary hazards** Clean contaminated objects and areas thoroughly while observing environmental regulations.

## 7. HANDLING AND STORAGE

### Precautions for safe handling

**Advice on safe handling** Handle in accordance with good industrial hygiene and safety practice.

### Conditions for safe storage, including any incompatibilities

**Storage Conditions** Incompatible with oxidizing agents. Keep containers tightly closed in a dry, cool and well-ventilated place.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control parameters

**Exposure Limits** This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

### Appropriate engineering controls

**Engineering controls** Ensure adequate ventilation, especially in confined areas.

### Individual protection measures, such as personal protective equipment

**Eye/face protection** Wear safety glasses with side shields (or goggles).

**Hand Protection** Protective gloves.

**Skin and body protection** Wear suitable protective clothing. Gloves.

**Respiratory protection** No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.

**General hygiene considerations** Avoid contact with skin, eyes or clothing.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Information on basic physical and chemical properties

Physical state	Liquid
Appearance	Oil
Odor	mild
Color	Nearly colorless
Odor threshold	No information available

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	No data available	
Melting point / freezing point	No data available	
Boiling point / boiling range	No data available	
Flash point °C	> 275	ASTM D-92
Pour point °C	< -45	ASTM D-97
Evaporation rate	No data available	
Vapor pressure	No data available	
Relative density	0.96	ASTM D-4052
Water solubility	No data available	
Autoignition temperature	No data available	
Kinematic viscosity (40 °C)	36.0 cSt	ASTM D-445

### Other Information

VOC Content (%)	None
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## 10. STABILITY AND REACTIVITY

Reactivity	No information available.
Chemical stability	Stable under normal conditions.
Possibility of hazardous reactions	None under normal processing.
Hazardous polymerization	None under normal processing.
Conditions to avoid	None known based on information supplied.
Incompatible materials	Strong oxidizing agents.
Hazardous decomposition products	None known based on information supplied.

## 11. TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure

#### Product Information

Inhalation	May cause irritation of respiratory tract.
Eye contact	May cause slight eye irritation.
Skin contact	May cause irritation.
Ingestion	May cause gastrointestinal discomfort if consumed in large amounts.

### Information on toxicological effects

Symptoms	No information available.
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### Numerical measures of toxicity



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<b>Acute toxicity</b>	No information available
<b>Unknown acute toxicity</b>	<10% of the mixture consists of ingredient(s) of unknown toxicity

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

<b>Skin corrosion/irritation</b>	No information available.
<b>Serious eye damage/eye irritation</b>	No information available.
<b>Respiratory or skin sensitization</b>	No information available.
<b>Germ cell mutagenicity</b>	No information available.
<b>Carcinogenicity</b>	This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.
<b>Reproductive toxicity</b>	No information available.
<b>STOT - single exposure</b>	No information available.
<b>STOT - repeated exposure</b>	No information available.
<b>Aspiration hazard</b>	No information available.

**12. ECOLOGICAL INFORMATION**

<b>Ecotoxicity</b>	The environmental impact of this product has not been fully investigated.
<b>Persistence and degradability</b>	No information available.
<b>Bioaccumulation</b>	No information available.
<b>Other adverse effects</b>	No information available.

**13. DISPOSAL CONSIDERATIONS****Waste treatment methods**

<b>Waste from residues/unused products</b>	Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.
<b>Contaminated packaging</b>	Do not reuse empty containers.

**14. TRANSPORT INFORMATION**

<b><u>DOT</u></b>	Not regulated
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## 15. REGULATORY INFORMATION

### International Inventories

<b>TSCA</b>	All of the components in the product are on the following Inventory lists
<b>DSL/NDSL</b>	All of the components in the product are on the following Inventory lists
<b>EINECS/ELINCS</b>	All of the components in the product are on the following Inventory lists
<b>ENCS</b>	All of the components in the product are on the following Inventory lists
<b>IECSC</b>	All of the components in the product are on the following Inventory lists
<b>KECL</b>	All of the components in the product are on the following Inventory lists
<b>PICCS</b>	All of the components in the product are on the following Inventory lists
<b>AICS</b>	All of the components in the product are on the following Inventory lists

#### **Legend:**

- TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory  
**DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List  
**EINECS/ELINCS** - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances  
**ENCS** - Japan Existing and New Chemical Substances  
**IECSC** - China Inventory of Existing Chemical Substances  
**KECL** - Korean Existing and Evaluated Chemical Substances  
**PICCS** - Philippines Inventory of Chemicals and Chemical Substances  
**AICS** - Australian Inventory of Chemical Substances

### US Federal Regulations

#### **SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

#### **SARA 311/312 Hazard Categories**

<b>Acute health hazard</b>	No
<b>Chronic Health Hazard</b>	No
<b>Fire hazard</b>	No
<b>Sudden release of pressure hazard</b>	No
<b>Reactive Hazard</b>	No

#### **CWA (Clean Water Act)**

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

#### **CERCLA**

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

### US State Regulations

#### **California Proposition 65**

This product does not contain any Proposition 65 chemicals.

### U.S. State Right-to-Know Regulations

**US State Regulations** This product may contain substances regulated by state right-to-know regulations

U.S. EPA Label Information

EPA Pesticide Registration Number Not applicable

**16. OTHER INFORMATION, INCLUDING DATE OF PREPARATION OF THE LAST REVISION**

<u>NFPA</u>	Health hazards -	Flammability -	Instability -	Physical and chemical properties -
<u>HMIS</u>	Health hazards -	Flammability -	Physical hazards -	Personal protection -

Issuing Date 29-Jun-2016

Revision Date 20-Sep-2016

Revision Note No information available.

Disclaimer

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**End of Safety Data Sheet**