

# Safety Data Sheet: PREMALUBE XTREME GREEN AEROSOL

Supersedes Date Not applicable

Issuing Date 06/10/2019

## 1. PRODUCT AND COMPANY IDENTIFICATION

**Formula Code** PREMALUBE XTREME GREEN AEROSOL

**Recommended use** Lubricant

**Information on Manufacturer**

CERTIFIED LABS, DIV. OF NCH CORP.

BOX 152170

IRVING, TEXAS 75015

**Product Code** 5276

**Chemical nature** Petroleum distillates Aerosol

**Emergency Telephone**

CHEMTREC® 800-424-9300

**Telephone inquiry**

972-579-2477

## 2. HAZARD IDENTIFICATION

**Color** Blue Green to Green

**Physical state** Liquid

**Odor** Solvent

### GHS

#### Classification

##### Physical Hazards

Flammable Aerosols

Gases under pressure

Category 1

Compressed Gas

##### Health Hazard

Skin Corrosion/Irritation

Serious Eye Damage/Eye Irritation

Specific target organ systemic toxicity (single exposure)

Specific target organ toxicity (repeated exposure)

Category 2

Category 2A

Category 3

Category 2

##### Other hazards

None

### Labeling

#### Signal Word

**DANGER**



#### Hazard statements

H222 - Extremely flammable aerosol

H315 - Causes skin irritation

H319 - Causes serious eye irritation

H336 - May cause drowsiness or dizziness

H373 - May cause damage to organs through prolonged or repeated exposure

H280 - Contains gas under pressure; may explode if heated

#### Precautionary Statements

P210 - Keep away from heat, sparks, open flames or hot surfaces.

P211 - Do not spray on an open flame or other ignition source

P251 - Pressurized container: Do not pierce or burn, even after use

P280 - Wear protective gloves, protective clothing and eye protection.

P264 - Wash face, hands and any exposed skin thoroughly after handling.

P260 - Do not breathe mist or vapor

P271 - Use in a well-ventilated area.

P270 - Do not eat, drink or smoke when using this product

P304 + P340 - IF INHALED: Remove person to fresh air and keep at rest in a position comfortable for breathing.

P312 - Call a physician if unwell.

P302 + P352 - IF ON SKIN: Wash with plenty of soap and water

P332 + P313 - If skin irritation occurs, get medical attention.

P362 - Take off contaminated clothing and wash before reuse.

P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes.

Remove contact lenses, if present and easy to do. Continue rinsing.

P337 + P313 - If eye irritation persists, get medical attention.

P403 + P233 - Store in a well-ventilated place. Keep container tightly closed.

P410 + P412 - Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F

P501 - Dispose of contents and container in accordance with applicable local regulations.

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical name	CAS No.	Weight-%
Petroleum distillates, hydrotreated light (<3% DMSO extractable)	64742-47-8	10-30
Methyl acetate	79-20-9	10-30
Propane	74-98-6	7-13
Acetone	67-64-1	5-10

\*The exact percentage (concentration) of composition has been withheld as a trade secret

#### 4. FIRST AID MEASURES

<b>General advice</b>	Do not get in eyes, on skin or on clothing. Do not breathe mist or vapor.
<b>Eye Contact</b>	Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Get medical attention immediately.
<b>Skin Contact</b>	Wash off immediately with plenty of water for at least 15 minutes. Remove contaminated clothing and shoes. Get medical attention immediately if irritation develops and persists. Wash contaminated clothing before re-use.
<b>Inhalation</b>	If inhaled, remove to fresh air. Get medical attention if symptoms occur.
<b>Ingestion</b>	Drink 1 or 2 glasses of water. Do NOT induce vomiting. Get medical attention if symptoms occur.
<b>Notes to physician</b>	Treat symptomatically.

#### 5. FIRE-FIGHTING MEASURES

<b>Flash Point</b> Not applicable	<b>Method</b> Not applicable
<b>Upper:</b> 16	<b>Lower:</b> 2.1
<b>Suitable Extinguishing Media</b> Carbon dioxide (CO <sub>2</sub> ). Dry chemical. Water spray. Foam. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.	
<b>Specific hazards arising from the chemical</b> Extremely flammable. Material can create slippery conditions. Solvent vapors are heavier than air and may spread along floors. Vapors may ignite and explode. Flame extension: >30 inches / >76 cm and Burnback: 2 inch / 5 cm.	
<b>Protective Equipment and Precautions for Firefighters</b> As in any fire, wear self-contained breathing apparatus pressure-demand, NOHSC (approved or equivalent) and full protective gear.	
<b>Aerosol Level (NFPA 30B) -</b>	2
<b>NFPA</b>	<b>Health</b> 2 <b>Flammability</b> 4 <b>Instability</b> 0
<b>HMIS -</b>	<b>Health</b> 2 <b>Flammability</b> 4 <b>Instability</b> 0

#### 6. ACCIDENTAL RELEASE MEASURES

<b>Personal Precautions</b>	Use personal protective equipment. Ensure adequate ventilation. Take precautionary measures against static discharges. Remove all sources of ignition. Material can create slippery conditions.
<b>Environmental precautions</b>	Do not flush into surface water or sanitary sewer system.
<b>Methods for Containment</b>	Contain spillage, soak up with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and transfer to a container for disposal according to local / national regulations (see section 13).
<b>Methods for Cleaning Up</b>	Use clean non-sparking tools to collect absorbed material. Pick up and transfer to properly labeled containers.
<b>Neutralizing Agent</b>	Not applicable.

#### 7. HANDLING AND STORAGE

<b>Handling</b>	Do not get in eyes, on skin or on clothing. Do not breathe mist or vapor.
<b>Storage</b>	Store in original container. Keep containers tightly closed in a dry, cool and well-ventilated place. Keep away from heat and sources of ignition.
<b>Storage Temperature</b>	<b>Minimum</b> 35 °F / 2 °C <b>Maximum</b> 120 °F / 49 °C
<b>Storage Conditions</b>	<b>Indoor</b> x <b>Outdoor</b> <b>Heated</b> <b>Refrigerated</b>

#### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

##### Exposure Guidelines

Chemical name	ACGIH TLV	OSHA PEL	NIOSH
Petroleum distillates, hydrotreated light (<3% DMSO extractable)	525 mg/m <sup>3</sup> TWA	No data available	No data available
Methyl acetate	TWA: 200 ppm STEL: 250 ppm	TWA: 200 ppm TWA: 610 mg/m <sup>3</sup>	3100 ppm STEL 250 ppm STEL 760 mg/m <sup>3</sup> TWA: 200 ppm TWA: 610 mg/m <sup>3</sup>
Propane	Simple Asphyxiant. Significant	TWA: 1000 ppm	2100 ppm

	quantities of component may displace oxygen, which is the limiting factor for exposure. See Appendix F of ACGIH Threshold Limit Values for Chemical Substances and Physical Agents for more information.	TWA: 1800 mg/m <sup>3</sup>	TWA: 1000 ppm TWA: 1800 mg/m <sup>3</sup>
Acetone	TWA: 250 ppm STEL: 500 ppm	TWA: 1000 ppm TWA: 2400 mg/m <sup>3</sup>	2500 ppm TWA: 250 ppm TWA: 590 mg/m <sup>3</sup>

**Engineering Measures** Ensure adequate ventilation, especially in confined areas. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction.

**Personal Protective Equipment**

**Eye/Face Protection**

Tightly fitting safety goggles.

**Skin Protection**

For prolonged or repeated contact, use protective gloves with appropriate chemical resistance.

**Respiratory Protection**

In case of insufficient ventilation wear suitable respiratory equipment. When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.

**General Hygiene Considerations**

Ensure that eyewash stations and safety showers are close to the workstation location. Remove and wash contaminated clothing before re-use.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical state</b>	Liquid	<b>Viscosity</b>	Slightly Viscous - Semi-viscous
<b>Color</b>	Blue Green to Green	<b>Odor</b>	Solvent
<b>Odor Threshold</b>	Not applicable	<b>Appearance</b>	Cloudy - Opaque
<b>pH</b>	Not applicable	<b>Specific Gravity</b>	0.929
<b>Evaporation Rate</b>	34.30	<b>Percent Volatile (Volume)</b>	69.4
<b>VOC Content (%)</b>	10	<b>VOC Content (g/L)</b>	92.9
<b>Vapor pressure</b>	147.83	<b>Vapor Density</b>	1.8
<b>Solubility</b>	Insoluble	<b>n-Octanol/Water Partition</b>	No data available
<b>Melting Point/Range</b>	No data available	<b>Decomposition Temperature</b>	No data available
<b>Boiling Point/Range</b>	Not applicable	<b>Flammability (solid, gas)</b>	No data available
<b>Flash Point</b>	Not applicable	<b>Method</b>	Not applicable
<b>Autoignition Temperature</b>	No information available.		
<b>Upper: 16 Lower: 2.1</b>			

## 10. STABILITY AND REACTIVITY

<b>Chemical Stability</b>	Stable. Hazardous polymerization does not occur.
<b>Conditions to Avoid</b>	Keep away from open flames, hot surfaces, and sources of ignition, Extremes of temperature and direct sunlight.
<b>Incompatible Products</b>	Strong oxidizing agents, Acids, Halogens.
<b>Decomposition Temperature</b>	No data available
<b>Hazardous Decomposition Products</b>	Carbon oxides, Nitrogen oxides (NOx), Oxides of phosphorus, Sulfur oxides.
<b>Possibility of Hazardous Reactions</b>	None under normal processing.

## 11. TOXICOLOGICAL INFORMATION

Product Information No information available.

**The following values are calculated based on chapter 3.1 of the GHS document**

**Oral LD50** No information available

**Dermal LD50** No information available

**Inhalation LC50**

**Gas** No information available

**Mist** No information available

**Vapor** No information available

**Principle Route of Exposure**

Skin contact, Eye contact, Inhalation.

**Primary Routes of Entry**

Skin contact, Skin Absorption.

**Acute Effects:**

**Eyes** Causes serious eye irritation.

**Skin** Causes skin irritation.

**Inhalation** Causes headache, drowsiness or other effects to the central nervous system.

**Ingestion** Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

**Chronic Toxicity**

Prolonged skin contact may defat the skin and produce dermatitis. Repeated and prolonged exposure to solvents may cause brain and nervous system damage.

**Target Organ Effects:**

Skin, Eyes, Central nervous system, Respiratory system.

**Aggravated Medical Conditions**

Skin disorders, Respiratory disorders, Neurological disorders.

Component Information

**Acute Toxicity**

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50	Draize Test	Other
Petroleum distillates, hydrotreated light (<3% DMSO extractable) 64742-47-8	> 5000 mg/kg ( Rat )	> 2000 mg/kg ( Rabbit )	no data available	No data available	No data available
Methyl acetate 79-20-9	> 5000 mg/kg ( Rat )	> 5 g/kg ( Rabbit )	= 16000 ppm ( Rat ) 4 h	No data available	No data available
Propane 74-98-6	No data available	no data available	658 mg/L (Rat) 4h	No data available	No data available
Acetone 67-64-1	No data available	no data available	= 50100 mg/m <sup>3</sup> ( Rat ) 8 h	No data available	No data available

**Chronic Toxicity**

Chemical name	Mutagenicity	Sensitization	Developmental Toxicity	Reproductive Toxicity	Target Organ Effects
Methyl acetate 79-20-9	No data available	No data available	No data available	No data available	Skin; Central nervous system; Eyes; Respiratory system
Propane 74-98-6	No data available	No data available	No data available	No data available	Central nervous system
Acetone 67-64-1	No data available	No data available	No data available	No data available	Skin; Central nervous system; Eyes; Respiratory system

**Carcinogenicity**

The table below indicates whether each agency has listed any ingredient as a carcinogen.

Chemical name	ACGIH	IARC	NTP	OSHA	Other
Acetone 67-64-1	A4	Not applicable	Not applicable	Not applicable	Not applicable

**12. ECOLOGICAL INFORMATION****Product Information**

No information available.

**Component Information**

Chemical name	Toxicity to Algae	Toxicity to Fish	Microtox	Crustacea	Partition coefficient
Petroleum distillates, hydrotreated light (<3% DMSO extractable)	No information available.	LC50 = 45 mg/L Pimephales promelas 96 h LC50 = 2.2 mg/L Lepomis macrochirus 96 h LC50 = 2.4 mg/L Oncorhynchus mykiss 96 h	No information available	No information available.	N/A
Methyl acetate	EC50 > 120 mg/L Desmodesmus subspicatus 72 h	LC50 295 - 348 mg/L Pimephales promelas 96 h LC50 250 - 350 mg/L Brachydanio rerio 96 h	EC50 = 6000 mg/L 16 h EC50 = 6100 mg/L 30 min	1026.7: 48 h Daphnia magna mg/L EC50	0.18
Propane	No information available.	No information available.	No information available	No information available.	2.3
Acetone	No information available.	LC50 4.74 - 6.33 mL/L Oncorhynchus mykiss 96 h LC50 6210 - 8120 mg/L Pimephales promelas 96 h LC50 = 8300 mg/L Lepomis macrochirus 96 h	EC50 = 14500 mg/L 15 min	10294 - 17704: 48 h Daphnia magna mg/L EC50 Static 12600 - 12700: 48 h Daphnia magna mg/L EC50	-0.24

**Persistence and Degradability**

No information available.

**Bioaccumulation**

No information available.

**Mobility**

No information available.

**13. DISPOSAL CONSIDERATIONS****Product Disposal**

Dispose of in accordance with local regulations.

**Container Disposal**

Empty containers should be taken for local recycling, recovery, or waste disposal. Contents under pressure. Do not puncture. Empty remaining contents.

**14. TRANSPORT INFORMATION****DOT****Proper Shipping Name**

AEROSOLS, FLAMMABLE

**Hazard Class**

2.1

**UN-No**

UN1950

**Description**

UN1950, AEROSOLS, FLAMMABLE, 2.1, LTD QTY

**TDG**

**Proper shipping name** AEROSOLS, FLAMMABLE  
**Hazard Class** 2.1  
**UN-No** UN1950  
**Description** UN1950, AEROSOLS, FLAMMABLE, 2.1, LTD QTY

**ICAO**

**Proper Shipping Name** AEROSOLS, FLAMMABLE  
**Hazard Class** 2.1  
**Shipping Description** UN1950, AEROSOLS, FLAMMABLE, 2.1, LTD QTY

**IATA**

**UN-No** UN1950  
**Proper Shipping Name** AEROSOLS, FLAMMABLE  
**Hazard Class** 2.1  
**Shipping Description** UN1950, AEROSOLS, FLAMMABLE, 2.1, LTD QTY

**IMDG/IMO**

**UN proper shipping name** AEROSOLS  
**Hazard Class** 2.1  
**UN Number** UN1950  
**Description** UN1950, AEROSOLS, 2.1, LTD QTY

<b>15. REGULATORY INFORMATION</b>
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**Inventories**

**TSCA** Complies

**DSL** Complies

**U.S. 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 Hazardous Categorization**

See Section 2

**CERCLA**

Chemical name	Hazardous Substances RQs	CERCLA EHS RQs
Acetone	5000 lb	Not applicable

<b>16. OTHER INFORMATION</b>
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**Prepared By** Pamela Starkey

**Supersedes Date** Not applicable

**Issuing Date** 06/10/2019

**Reason for Revision** No information available.

**Glossary** No information available.

**List of References.** No information available.

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