

# Safety Data Sheet

Supersedes Date 10/25/2013

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## 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Name** SPECTRA XTREME 15W40 CJ-4, 1250 LT PWC TOTE, **Product Code** J109  
NAC M M

**Recommended use** Lubricant

**Information on Manufacturer**

CERTIFIED LABS, DIV. OF NCH CORP.

BOX 152170

IRVING, TEXAS 75015

**Chemical nature** Hydrocarbons Mixture

**Emergency Telephone Number**

CHEMTREC® 800-424-9300

**Telephone inquiry**

972-579-2477

## 2. HAZARD IDENTIFICATION

**Color** Dark green

**Physical state** liquid

**Odor** Fish

### GHS

#### Classification

##### Physical Hazards

None

##### Health Hazard

Serious Eye Damage/Eye Irritation

Category 2B

##### Other hazards

None

### Labeling

#### Signal Word

**WARNING**

##### Hazard statements

H320 - Causes eye irritation

##### Precautionary Statements

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

10 % of the mixture consists of ingredient(s) of unknown toxicity

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

Component	CAS No.	Weight %
Petroleum distillates, hydrotreated heavy paraffinic (<3% DMSO extractable)	64742-54-7	60-100
Petroleum distillates, solvent dewaxed heavy paraffinic (<3% DMSO extractable)	64742-65-0	3-7
Ethylene-Propylene polymer	9010-79-1	1-5
Petroleum distillates, solvent-refined light paraffinic (<3% DMSO extractable)	64741-89-5	1-5
Magnesium long chain alkaryl sulphonate	252312-98-4	1-5
Long Chain Alkaryl Amine	36878-20-3	1-5
Polybutene	9003-29-6	1-5
Polyolefin amide alkeneamine borate	84605-20-9	1-5
Phosphorodithiotic acid, mixed O, O-bis(sec-Bu and isoocetyl) esters, zinc salts	113706-15-3	1-5

## 4. FIRST AID MEASURES

### General advice

Avoid contact with skin, eyes and clothing.

### Eye Contact

Rinse thoroughly with plenty of water, also under the eyelids. Get medical attention if irritation develops and persists.

### Skin Contact

Wash off with soap and plenty of water. Get medical attention if irritation develops and persists.

**Inhalation** If inhaled, remove to fresh air. Get medical attention if symptoms occur.  
**Ingestion** Drink 1 or 2 glasses of water. Do NOT induce vomiting. Get medical attention if symptoms occur. Rinse mouth.  
**Notes to physician** Treat symptomatically.

**5. FIRE-FIGHTING MEASURES**

**Flash Point** > 400 °F / > 204 °C      **Method** ASTM D-92  
**Flammability Limits in Air %:** Not applicable.      **Upper:** No data available      **Lower:** No data available  
**Suitable Extinguishing Media**  
 Carbon dioxide (CO2). Dry chemical. Water spray. Foam. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.  
**Specific hazards arising from the chemical**  
 Material can create slippery conditions.  
**Protective Equipment and Precautions for Firefighters**  
 As in any fire, wear self-contained breathing apparatus pressure-demand, NOHSC (approved or equivalent) and full protective gear.  
**NFPA**      **Health** 1      **Flammability** 1      **Instability** 0  
**HMIS**      **Health** 1      **Flammability** 1      **Instability** 0

**6. ACCIDENTAL RELEASE MEASURES**

**Personal Precautions** Use personal protective equipment. Prevent further leakage or spillage if safe to do so. Material can create slippery conditions.  
**Environmental Precautions** Do not flush into surface water or sanitary sewer system.  
**Methods for Containment** 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).  
**Methods for Cleaning Up** Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).  
**Neutralizing Agent** Not applicable.

**7. HANDLING AND STORAGE**

**Handling** Avoid contact with skin, eyes and clothing.  
**Storage** Store in original container. Keep containers tightly closed in a dry, cool and well-ventilated place.  
**Storage Temperature** **Minimum** 0 °F / -18 °C      **Maximum** 120 °F / 49 °C  
**Storage Conditions** **Indoor** X      **Outdoor** X      **Heated**      **Refrigerated**

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

**Exposure Guidelines**

Component	ACGIH TLV	OSHA PEL	NIOSH
Petroleum distillates, hydrotreated heavy paraffinic (<3% DMSO extractable)	TWA: 5 mg/m <sup>3</sup> STEL: 10 mg/m <sup>3</sup>	TWA: 5 mg/m <sup>3</sup>	No data available
Petroleum distillates, solvent dewaxed heavy paraffinic (<3% DMSO extractable)	TWA: 5 mg/m <sup>3</sup> STEL: 10 mg/m <sup>3</sup>	TWA: 5 mg/m <sup>3</sup>	No data available
Petroleum distillates, solvent-refined light paraffinic (<3% DMSO extractable)	TWA: 5 mg/m <sup>3</sup> STES: 10 mg/m <sup>3</sup>	TWA: 5 mg/m <sup>3</sup>	No data available
Polybutene	5 mg/m <sup>3</sup> as oil mist	10 mg/m <sup>3</sup> as oil mist	No data available

**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** Safety glasses with side-shields.  
**Skin Protection** For prolonged or repeated contact, use protective gloves with appropriate chemical resistance.  
**Respiratory Protection** In case of inadequate ventilation wear respiratory protection. 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**

**Physical state** liquid      **Viscosity** Semi-viscous  
**Color** Dark green      **Odor** Fish  
**Odor Threshold** Not applicable      **Appearance** Transparent  
**pH** Not applicable      **Specific Gravity** 0.859  
**Evaporation Rate** No data available      **Percent Volatile (Volume)** 0

<b>VOC Content (%)</b>	0.9	<b>VOC Content (g/L)</b>	0
<b>Vapor Pressure</b>	<0.1mmHg @ 70 F	<b>Vapor Density</b>	4.7 (Air = 1.0)
<b>Solubility</b>	Negligible	<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>	No data available	<b>Flammability (solid, gas)</b>	No data available
<b>Flash Point</b>	> 400 °F / > 204 °C	<b>Method</b>	ASTM D-92
<b>Autoignition Temperature</b>	No information available.		
<b>Flammability Limits in Air %:</b>	Not applicable	<b>Upper:</b>	No data available
		<b>Lower:</b>	No data available

**10. STABILITY AND REACTIVITY**

<b>Chemical Stability</b>	Stable. Hazardous polymerization does not occur.
<b>Conditions to Avoid</b>	None known.
<b>Incompatible Products</b>	Strong oxidizing agents.
<b>Decomposition Temperature</b>	No data available
<b>Hazardous Decomposition Products</b>	Carbon 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

<b>Oral LD50</b>	No information available
<b>Dermal LD50</b>	No information available
<b>Inhalation LC50</b>	
<b>Gas</b>	No information available
<b>Mist</b>	No information available
<b>Vapor</b>	No information available

**Principle Route of Exposure** Skin contact, Eye contact.  
**Primary Routes of Entry** Eye contact.

<b>Acute Effects:</b>	
<b>Eyes</b>	May cause eye irritation.
<b>Skin</b>	May cause skin irritation.
<b>Inhalation</b>	Low hazard for usual industrial or commercial handling.
<b>Ingestion</b>	Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.
<b>Chronic Toxicity</b>	Prolonged skin contact may defat the skin and produce dermatitis.
<b>Target Organ Effects</b>	Heart, Liver, Lungs, and Kidneys.
<b>Aggravated Medical Conditions</b>	Skin disorders, Liver disorders, Kidney disorders, Respiratory disorders.

Component Information

**Acute Toxicity**

Component	Oral LD50	Dermal LD50	Inhalation LC50	Draize Test	Other
Petroleum distillates, hydrotreated heavy paraffinic (<3% DMSO extractable)	> 5000 mg/kg (Rat)	> 5000 mg/kg (Rabbit)	no data available	no data available	no data available
Petroleum distillates, solvent dewaxed heavy paraffinic (<3% DMSO extractable)	>5000 mg/kg (rat)	>5000 mg/kg (rabbit)	no data available	no data available	no data available
Petroleum distillates, solvent-refined light paraffinic (<3% DMSO extractable)	> 5000 mg/kg ( Rat )	> 5 g/kg ( Rabbit )	= 2.18 mg/L ( Rat ) 4 h	no data available	no data available
Long Chain Alkaryl Amine	> 5000 mg/kg ( Rat )	no data available	no data available	no data available	no data available

Component	Mutagenicity	Sensitization	Developmental Toxicity	Reproductive Toxicity	Target Organ Effects
Polybutene	no data available	no data available	no data available	no data available	Heart, liver, kidney, lung

**Carcinogenicity** Contains no ingredient listed as a carcinogen.

**12. ECOLOGICAL INFORMATION**

Product Information No information available.

Component Information

Component	Toxicity to Algae	Toxicity to Fish	Microtox	Crustacea	log Pow
Petroleum distillates, hydrotreated heavy paraffinic (<3% DMSO extractable)	No information available.	LC50 > 5000 mg/L Oncorhynchus mykiss 96 h	No information available	1000: 48 h Daphnia magna mg/L EC50	N/A
Petroleum distillates, solvent dewaxed heavy paraffinic (<3%)	No information available.	LC50 > 5000 mg/L Oncorhynchus mykiss 96 h	No information available	1000: 48 h Daphnia magna mg/L EC50	N/A

DMSO extractable)					
Petroleum distillates, solvent-refined light paraffinic (<3% DMSO extractable)	No information available.	LC50 > 5000 mg/L Oncorhynchus mykiss 96 h	No information available	1000: 48 h Daphnia magna mg/L EC50	N/A
Long Chain Alkaryl Amine	No information available.	LC50 > 1000 mg/L Pimephales promelas 96 h	No information available	No information available.	N/A

**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.

**14. TRANSPORT INFORMATION**

**DOT** Not regulated  
**TDG** Not regulated  
**ICAO** Not regulated  
**IATA** Not regulated  
**IMDG/IMO** Not regulated

**15. REGULATORY INFORMATION**

**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 contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372:

Component	CAS No.	Weight %	SARA 313 - Threshold Values
Phosphorodithiotic acid, mixed O, O-bis(sec-Bu and isooctyl) esters, zinc salts	113706-15-3	1-5	1.0

**SARA 311/312 Hazardous Categorization**

Acute Health Hazard	Chronic Health Hazard	Fire Hazard	Sudden Release of Pressure Hazard	Reactive Hazard
Yes	No	No	No	No

**CERCLA**

**16. OTHER INFORMATION**

**Prepared By** Muneerah Travis  
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**Reason for Revision** No information available.  
**Glossary** No information available.  
**List of References.** No information available.

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