

Safety Data Sheet: SPECTRA XTREME 15W40 CJ-4, MM

Supersedes Date Not applicable

Issuing Date 07/11/2014

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name SPECTRA XTREME 15W40 CJ-4, MM
Recommended use Lubricant
Information on Manufacturer
CHEMSEARCH DIV. OF NCH CORP.
BOX 152170
IRVING, TX 75015

Product Code J147
Chemical nature Hydrocarbons mixture
Emergency Telephone Number
CHEMTREC® 800-424-9300
Telephone inquiry
972-579-2477

2. HAZARD IDENTIFICATION

Color Clear - Amber

Physical State Liquid

Odor Mild Petroleum

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	15-40
Lubricating oils, petroleum, C20-50, hydrotreated neutral oil-based	72623-87-1	15-40
Petroleum distillates, solvent dewaxed heavy paraffinic (<3% DMSO extractable)	64742-65-0	10-30
Ethylene-Propylene polymer	9010-79-1	5-10
Petroleum distillates, solvent-refined light paraffinic (<3% DMSO extractable)	64741-89-5	3-7
Polybutene	9003-29-6	1-5
Phenol-3-chloro-, homopolymer	25231-12-3	1-5
Diphenylamine	122-39-4	1-5
Benzenamine, N-phenyl-, (tripropenyl) derivatives	68608-79-7	1-5
Amines, polyethylenepoly-, reaction products with Succinic anhydride polyisobutenyl derivatives	84605-20-9	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 / 205 °C **Method** Set a closed cup
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, MSHA/NIOSH (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** -10 °F / -23 °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 ³ STEL: 10 mg/m ³	TWA: 5 mg/m ³	No data available
Petroleum distillates, solvent dewaxed heavy paraffinic (<3% DMSO extractable)	TWA: 5 mg/m ³ STEL: 10 mg/m ³	TWA: 5 mg/m ³	No data available
Petroleum distillates, solvent-refined light paraffinic (<3% DMSO extractable)	TWA: 5 mg/m ³ STES: 10 mg/m ³	TWA: 5 mg/m ³	No data available
Polybutene	5 mg/m ³ as oil mist	10 mg/m ³ as oil mist	No data available
Diphenylamine	TWA: 10 mg/m ³	No data available	TWA: 10 mg/m ³

Engineering Measures Ensure adequate ventilation, especially in confined areas.
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 Clear - Amber **Odor** Mild Petroleum
Odor Threshold Not applicable **Appearance** Transparent - Hazy
pH No data available **Specific Gravity** 0.864
Evaporation Rate No data available **Percent Volatile (Volume)** 0
VOC Content (%) 0 **VOC Content (g/L)** 0
Vapor Pressure No information available **Vapor Density** No information available

Solubility	Negligible	n-Octanol/Water Partition	No data available
Melting Point/Range	No data available	Decomposition Temperature	No data available
Boiling Point/Range	No data available	Flammability (solid, gas)	No data available
Flash Point	> 400 °F / 205 °C	Method	Seta closed cup
Autoignition Temperature	No information available.		
Flammability Limits in Air %	Not applicable.	Upper	No data available
		Lower	No data available

10. STABILITY AND REACTIVITY

Chemical Stability	Stable. Hazardous polymerization does not occur.
Conditions to Avoid	None known
Incompatible Products	None known
Hazardous Decomposition Products	None known
Possibility of Hazardous Reactions	None under normal processing

11. TOXICOLOGICAL INFORMATION

Product Information

The following values are calculated based on chapter 3.1 of the GHS document (Rev. 3, 2009):

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	Ingestion
Acute Effects	
Eyes	May cause eye irritation.
Skin	May cause skin irritation.
Inhalation	May cause irritation of respiratory tract.
Ingestion	Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.
Chronic Toxicity	Prolonged skin contact may defat the skin and produce dermatitis.
Target Organ Effects	Heart, Liver, Kidney, Lungs.
Aggravated Medical Conditions	Skin disorders, Respiratory disorders.

Component Information

Acute Toxicity

Component	LD50 Oral	LD50 Dermal	LC50 Inhalation	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
Lubricating oils, petroleum, C20-50, hydrotreated neutral oil-based	> 5000 mg/kg (Rat)	> 2000 mg/kg (Rabbit)	= 2.18 mg/L (Rat) 4 h	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
Diphenylamine	= 1165 mg/kg (Rat)	> 2000 mg/kg (Rabbit)	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
Diphenylamine	no data available	no data available	no data available	no data available	respiratory system, skin, eyes, CVS, blood, bladder, reproductive system, liver and kidney

Carcinogenicity

Component	ACGIH	IARC	NTP	OSHA	Other
Petroleum distillates, hydrotreated heavy paraffinic (<3% DMSO extractable)	not applicable	not applicable	not applicable	not applicable	not applicable
Petroleum distillates, solvent dewaxed heavy paraffinic (<3% DMSO extractable)	not applicable	not applicable	not applicable	not applicable	not applicable
Petroleum distillates, solvent-refined light paraffinic (<3%	not applicable	not applicable	not applicable	not applicable	not applicable

DMSO extractable)				
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12. ECOLOGICAL INFORMATION

Product Information No information available.

Component Information

Component	Toxicity to Algae	Toxicity to Fish	Microtox	Water Flea	log Pow
Petroleum distillates, hydrotreated heavy paraffinic (<3% DMSO extractable)	no data available	LC50 > 5000 mg/L Oncorhynchus mykiss 96 h	no data available	EC50 1000 mg/L Daphnia magna 48 h	N/A
Lubricating oils, petroleum, C20-50, hydrotreated neutral oil-based	no data available	LC50 > 5000 mg/L Oncorhynchus mykiss 96 h	no data available	EC50 1000 mg/L Daphnia magna 48 h	N/A
Petroleum distillates, solvent dewaxed heavy paraffinic (<3% DMSO extractable)	no data available	LC50 > 5000 mg/L Oncorhynchus mykiss 96 h	no data available	EC50 1000 mg/L Daphnia magna 48 h	N/A
Petroleum distillates, solvent-refined light paraffinic (<3% DMSO extractable)	no data available	LC50 > 5000 mg/L Oncorhynchus mykiss 96 h	no data available	EC50 1000 mg/L Daphnia magna 48 h	N/A
Diphenylamine	EC50 = 1.5 mg/L Scenedesmus subspicatus 72 h	LC50 3.47 - 4.14 mg/L Pimephales promelas 96 h	EC50 = 2.81 mg/L 5 min EC50 = 3.46 mg/L 15 min EC50 = 4.77 mg/L 30 min	EC50 1.69 - 2.46 mg/L Daphnia magna 48 h	3.5

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 Does not Comply

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 and Title 40 of the Code of Federal Regulations, Part 372.

Component	CAS-No	Weight %	SARA 313 - Threshold Values
Diphenylamine	122-39-4	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 Sarah Williamson

Supersedes Date	Not applicable
Issuing Date	07/11/2014
Reason for Revision	No information available.
Glossary	No information available.
List of References.	No information available.

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