

Material Safety Data Sheet: SPECTRA XTREME 15W40 CJ-4

Supersedes Date 10/25/2013

Issuing Date 05/21/2014

1. PRODUCT AND COMPANY IDENTIFICATION

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

Product Code J126
Chemical nature Hydrocarbons mixture
Emergency Telephone Number
CHEMTREC® 800-424-9300

2. HAZARDS IDENTIFICATION

Emergency Overview
CAUTION
May cause skin irritation
May cause eye irritation

Color Dark green	Physical State Liquid	Odor Fish
Potential Health Effects		
Principle Route of Exposure	Skin contact, Eye contact.	
Primary Routes of Entry	Eye contact	
Acute Effects		
Eyes	May cause eye irritation.	
Skin	May cause skin irritation.	
Inhalation	Low hazard for usual industrial or commercial handling.	
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, Lungs, and Kidneys.	
Aggravated Medical Conditions	Skin disorders, Liver disorders, Kidney disorders, Respiratory disorders.	
Potential Environmental Effects	See Section 12 for additional Ecological information.	

3. COMPOSITION / INFORMATION ON INGREDIENTS

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

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	> 200 °F / > 93 °C	Method	Pensky Marten Closed Tester
Autoignition Temperature	No information available.		
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

HMS 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	Pick up and transfer to properly labeled containers
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 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
Ethylene-Propylene polymer	No data available	No data available	No data available
Magnesium long chain alkaryl sulphonate	No data available	No data available	No data available
Long Chain Alkaryl Amine	No data available	No data available	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
Polyolefin amide alkeneamine borate	No data available	No data available	No data available
Phosphorodithiolic acid, mixed O, O-bis(sec-Bu and isooctyl) esters, zinc salts	No data available	No data available	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
Appearance	Transparent	pH	Not applicable
Specific Gravity	0.859	Evaporation Rate	No data available
Percent Volatile (Volume)	0.9	VOC Content (%)	0.9
VOC Content (g/L)	7	Vapor Pressure	<0.1mmHg @ 70 F
Vapor Density	4.7 (Air = 1.0)	Solubility	Negligible
Boiling Point/Range	No data available		

10. STABILITY AND REACTIVITY

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

11. TOXICOLOGICAL INFORMATION

Product Information No information available.

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
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
Ethylene-Propylene polymer	no data available	no data available	no data available	no data available	no data available
Magnesium long chain alkaryl sulphonate	no data available	no data available	no data available	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
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
Polybutene	no data available	no data available	no data available	no data available	no data available
Polyolefin amide alkeneamine borate	no data available	no data available	no data available	no data available	no data available
Phosphorodithiolic acid, mixed O, O-bis(sec-Bu and isoctyl) esters, zinc salts	no data available	no data available	no data available	no data available	no data available

Chronic Toxicity

Component	Mutagenicity	Sensitization	Developmental Toxicity	Reproductive Toxicity	Target Organ Effects
Petroleum distillates, hydrotreated heavy paraffinic (<3% DMSO extractable)	no data available	no data available	no data available	no data available	no data available
Petroleum distillates, solvent dewaxed heavy paraffinic (<3% DMSO extractable)	no data available	no data available	no data available	no data available	no data available
Ethylene-Propylene polymer	no data available	no data available	no data available	no data available	no data available
Magnesium long chain alkaryl sulphonate	no data available	no data available	no data available	no data available	no data available
Long Chain Alkaryl Amine	no data available	no data available	no data available	no data available	no data available
Petroleum distillates, solvent-refined light paraffinic (<3% DMSO extractable)	no data available	no data available	no data available	no data available	no data available
Polybutene	no data available	no data available	no data available	no data available	Heart, liver, kidney, lung
Polyolefin amide alkeneamine borate	no data available	no data available	no data available	no data available	no data available
Phosphorodithiolic acid, mixed O, O-bis(sec-Bu and isoctyl) esters, zinc salts	no data available	no data available	no data available	no data available	no data available

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
Ethylene-Propylene polymer	not applicable	not applicable	not applicable	not applicable	not applicable
Magnesium long chain alkaryl sulphonate	not applicable	not applicable	not applicable	not applicable	not applicable
Long Chain Alkaryl Amine	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)					
Polybutene	not applicable	not applicable	not applicable	not applicable	not applicable
Polyolefin amide alkeneamine borate	not applicable	not applicable	not applicable	not applicable	not applicable
Phosphorodithiolic acid, mixed O, O-bis(sec-Bu and isooctyl) esters, zinc salts	not applicable	not applicable	not applicable	not applicable	not applicable

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
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
Ethylene-Propylene polymer	no data available	no data available	no data available	no data available	N/A
Magnesium long chain alkaryl sulphonate	no data available	no data available	no data available	no data available	N/A
Long Chain Alkaryl Amine	no data available	LC50 > 1000 mg/L Pimephales promelas 96 h	no data available	LC50 14 - 28 mg/L Mysidopsis bahia 96 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
Polybutene	no data available	no data available	no data available	no data available	N/A
Polyolefin amide alkeneamine borate	no data available	no data available	no data available	no data available	N/A
Phosphorodithiolic acid, mixed O, O-bis(sec-Bu and isooctyl) esters, zinc salts	no data available	no data available	no data available	no data 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 Does not Comply

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 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
Phosphorodithiolic 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

Component	Hazardous Substances RQs	CERCLA EHS RQs
Petroleum distillates, hydrotreated heavy paraffinic (<3% DMSO extractable)	Not applicable	Not applicable
Petroleum distillates, solvent dewaxed heavy paraffinic (<3% DMSO extractable)	Not applicable	Not applicable
Ethylene-Propylene polymer	Not applicable	Not applicable
Magnesium long chain alkaryl sulphonate	Not applicable	Not applicable
Long Chain Alkaryl Amine	Not applicable	Not applicable
Petroleum distillates, solvent -refined light paraffinic (<3% DMSO extractable)	Not applicable	Not applicable
Polybutene	Not applicable	Not applicable
Polyolefin amide alkeneamine borate	Not applicable	Not applicable
Phosphorodithiotic acid, mixed O, O-bis(sec-Bu and isooctyl) esters, zinc salts	Not applicable	Not applicable

Canada

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

WHMIS Hazard Class

D2B Toxic materials



16. OTHER INFORMATION

Prepared By: Adrienne McKee
 Supersedes Date: 10/25/2013
 Issuing Date: 05/21/2014
 Reason for Revision: No information available.
 Glossary: No information available.
 List of References: No information available.

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Material Safety Data Sheet: SPECTRA XTREME 10W-30 CJ-4

Supersedes Date Not applicable

Issuing Date 05/09/2014

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name SPECTRA XTREME 10W-30 CJ-4
Recommended use Lubricant
Information on Manufacturer
CERTIFIED LABS, DIV. OF NCH CORP.
BOX 152170
IRVING, TEXAS 75015

Product Code J182
Chemical nature Hydrocarbons mixture
Emergency Telephone Number
CHEMTREC® 800-424-9300

2. HAZARDS IDENTIFICATION

Emergency Overview
CAUTION
May cause skin irritation
May cause eye irritation

Color Clear - Amber

Physical State Liquid

Odor Mild Petroleum

Potential Health Effects

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.

Potential Environmental Effects

See Section 12 for additional Ecological information.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Component	CAS-No
Petroleum distillates, hydrotreated heavy paraffinic (<3% DMSO extractable)	64742-54-7
Lubricating oils, petroleum, C20 -50, hydrotreated neutral oil-based	72623-87-1
Petroleum distillates, solvent dewaxed heavy paraffinic (<3% DMSO extractable)	64742-65-0
Ethylene-Propylene polymer	9010-79-1
Petroleum distillates, solvent-refined light paraffinic (<3% DMSO extractable)	64741-89-5
Polybutene	9003-29-6
Phenol-3-chloro-, homopolymer	25231-12-3
Diphenylamine	122-39-4
Benzenamine, N-phenyl-, (tripropenyl) derivatives	68608-79-7
Amines, polyethylenepoly-, reaction products with Succinic anhydride polyisobutenyl derivatives	84605-20-9

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

Seta closed cup

Autoignition Temperature No information available.

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

HMS 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

Pick up and transfer to properly labeled containers

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
Lubricating oils, petroleum, C20 -50, hydrotreated neutral oil-based	No data available	No data available	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
Ethylene-Propylene polymer	No data available	No data available	No data available
Petroleum distillates, solvent-refined light paraffinic (<3% DMSO extractable)	TWA: 5 mg/m ³ STEL: 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
Phenol-3-chloro-, homopolymer	No data available	No data available	No data available
Diphenylamine	TWA: 10 mg/m ³	No data available	TWA: 10 mg/m ³
Benzenamine, N-phenyl-, (tripropenyl) derivatives	No data available	No data available	No data available
Amines, polyethylenepoly-, reaction products with Succinic anhydride polyisobutenyl derivatives	No data available	No data available	No data available

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

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

Boiling Point/Range 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 No information available.

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
Ethylene-Propylene polymer	no data available	no data available	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
Polybutene	no data available	no data available	no data available	no data available	no data available
Phenol-3-chloro-, homopolymer	no data available	no data available	no data available	no data available	no data available
Diphenylamine	= 1165 mg/kg (Rat)	> 2000 mg/kg (Rabbit)	no data available	no data available	no data available
Benzenamine, N-phenyl-, (tripropenyl) derivatives	no data available	no data available	no data available	no data available	no data available
Amines, polyethylenepoly-reaction products with Succinic anhydride polyisobutenyl derivatives	no data available	no data available	no data available	no data available	no data available

Chronic Toxicity

Component	Mutagenicity	Sensitization	Developmental Toxicity	Reproductive Toxicity	Target Organ Effects
Petroleum distillates, hydrotreated heavy paraffinic (<3% DMSO extractable)	no data available	no data available	no data available	no data available	no data available
Lubricating oils, petroleum, C20-50, hydrotreated neutral oil-based	no data available	no data available	no data available	no data available	no data available
Petroleum distillates, solvent dewaxed heavy paraffinic (<3% DMSO extractable)	no data available	no data available	no data available	no data available	no data available
Ethylene-Propylene polymer	no data available	no data available	no data available	no data available	no data available
Petroleum distillates, solvent-refined light paraffinic (<3% DMSO extractable)	no data available	no data available	no data available	no data available	no data available
Polybutene	no data available	no data available	no data available	no data available	Heart, liver, kidney, lung
Phenol-3-chloro-, homopolymer	no data available	no data available	no data available	no data available	no data available
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
Benzenamine, N-phenyl-, (tripropenyl) derivatives	no data available	no data available	no data available	no data available	no data available
Amines, polyethylenepoly-reaction products with Succinic anhydride polyisobutenyl derivatives	no data available	no data available	no data available	no data available	no data available

Carcinogenicity

Component	ACGIH	IARC	NTP	OSHA	Other
Petroleum distillates,	not applicable	not applicable	not applicable	not applicable	not applicable

hydrotreated heavy paraffinic (<3% DMSO extractable)					
Lubricating oils, petroleum, C20-50, hydrotreated neutral oil-based	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
Ethylene-Propylene polymer	not applicable	not applicable	not applicable	not applicable	not applicable
Petroleum distillates, solvent-refined light paraffinic (<3% DMSO extractable)	not applicable	not applicable	not applicable	not applicable	not applicable
Polybutene	not applicable	not applicable	not applicable	not applicable	not applicable
Phenol-3-chloro-, homopolymer	not applicable	not applicable	not applicable	not applicable	not applicable
Diphenylamine	not applicable	not applicable	not applicable	not applicable	not applicable
Benzenamine, N-phenyl-, (tripropenyl) derivatives	not applicable	not applicable	not applicable	not applicable	not applicable
Amines, polyethylenepoly-, reaction products with Succinic anhydride polyisobutenyl derivatives	not applicable	not applicable	not applicable	not applicable	not applicable

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
Ethylene-Propylene polymer	no data available	no data available	no data available	no data available	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
Polybutene	no data available	no data available	no data available	no data available	N/A
Phenol-3-chloro-, homopolymer	no data available	no data available	no data available	no data available	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
Benzenamine, N-phenyl-, (tripropenyl) derivatives	no data available	no data available	no data available	no data available	N/A
Amines, polyethylenepoly-, reaction products with Succinic anhydride polyisobutenyl derivatives	no data available	no data available	no data available	no data 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

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 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

Component	Hazardous Substances RQs	CERCLA EHS RQs
Petroleum distillates, hydrotreated heavy paraffinic (<3% DMSO extractable)	Not applicable	Not applicable
Lubricating oils, petroleum, C20 -50, hydrotreated neutral oil-based	Not applicable	Not applicable
Petroleum distillates, solvent dewaxed heavy paraffinic (<3% DMSO extractable)	Not applicable	Not applicable
Ethylene-Propylene polymer	Not applicable	Not applicable
Petroleum distillates, solvent -refined light paraffinic (<3% DMSO extractable)	Not applicable	Not applicable
Polybutene	Not applicable	Not applicable
Phenol-3-chloro-, homopolymer	Not applicable	Not applicable
Diphenylamine	Not applicable	Not applicable
Benzenamine, N-phenyl-, (tripropenyl) derivatives	Not applicable	Not applicable
Amines, polyethylenepoly-, reaction products with Succinic anhydride polyisobutenyl derivatives	Not applicable	Not applicable

Canada

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

WHMIS Hazard Class

D2B Toxic materials



16. OTHER INFORMATION

Prepared By	Sarah Williamson
Supersedes Date	Not applicable
Issuing Date	05/09/2014
Reason for Revision	No information available.
Glossary	No information available.
List of References.	No information available.

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O.S.H.A. MSDS ENCLOSED
RETENTION REQUIRED BY LAW

IMPORTANT DOCUMENT ENCLOSED
O.S.H.A. INFORMATION

Customer Number : 428669
Bill of Lading Number: 904
Order Number : 1616581

