

## 1. Identification

**Product identifier** FLEET-TECH MICROBICIDE SP

**Other means of identification**

**SDS number** LT16619

**Product code** CC2671, CC2672, CC2673

**Recommended use** Fuel system preservative for eliminating micro-organisms, bacteria and fungi.

**Recommended restrictions** None known.

### Manufacturer/Importer/Supplier/Distributor information

#### Manufacturer

**Company name** Cummins Filtration

**Address** 1200 Fleetguard Road  
Cookeville, TN 38506  
United States

**Telephone** 24 Hours per day 1-800-22FILTER  
(1-800-223-4583)

**E-mail** Not available.

**Emergency phone number** Within Continental U.S. Chemtrec 1-800-424-9300  
Outside U.S. Chemtrec 703-527-3887

**Supplier** Not available.

## 2. Hazard(s) identification

**Physical hazards** This mixture does not meet the classification criteria according to OSHA HazCom 2012.

**Health hazards**

Skin corrosion/irritation Category 1

Serious eye damage/eye irritation Category 1

Sensitization, skin Category 1

**Environmental hazards** This mixture does not meet the classification criteria according to OSHA HazCom 2012.

**OSHA defined hazards** This mixture does not meet the classification criteria according to OSHA HazCom 2012.

#### Label elements



**Signal word** Danger

**Hazard statement** Harmful if swallowed. Toxic in contact with skin. Causes severe skin burns and eye damage. May cause an allergic skin reaction. Causes serious eye damage.

#### Precautionary statement

**Prevention** Do not breathe mist or vapor. Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Contaminated work clothing must not be allowed out of the workplace. Wear protective gloves/protective clothing/eye protection/face protection.

**Response** If swallowed: Rinse mouth. Do NOT induce vomiting. If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. If inhaled: Remove person to fresh air and keep comfortable for breathing. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison center/doctor. Specific treatment (see this label). If skin irritation or rash occurs: Get medical advice/attention. Take off immediately all contaminated clothing and wash it before reuse.

**Storage** Store locked up.

**Disposal** Dispose of contents/container in accordance with local/regional/national/international regulations.

**Hazard(s) not otherwise classified (HNOC)**

Frequent or prolonged contact may defat and dry the skin, leading to discomfort and dermatitis. Exposure to low vapour concentrations may cause swelling (edema) of the eyes, resulting in blurring of vision with a bluish haze and/or appearance of halos around lights. Ingestion of large amounts may affect oxygen transport in the blood and blood system, causing methemoglobinemia. Symptoms of poisoning may include cyanosis (bluish discoloration of the skin), nausea, dizziness, rapid heartbeat, irregular breathing, coma and death. Prolonged or repeated overexposure may cause liver and kidney effects.

**Supplemental information**

% of the mixture consists of component(s) of unknown acute oral toxicity. % of the mixture consists of component(s) of unknown acute dermal toxicity.

**3. Composition/information on ingredients****Mixtures**

Chemical name	Common name and synonyms	CAS number	%
Tripropylene Glycol Methyl Ether	Not Available	20324-33-8	53.0 - 55.0
4,4'-(2-ethyl-2-nitrotrimethylene)dimorpholine	Not Available	1854-23-5	0.9 - 3.2
Tetrahydro-1, 4-oxazine	Not Available	110-91-8	1.4 - 2.7
1-nitropropane	Not Available	108-03-2	0.1 - 2.4
Other components below reportable levels			38.5

\*Designates that a specific chemical identity and/or percentage of composition has been withheld as a trade secret.

**4. First-aid measures****Inhalation**

Move to fresh air. Call a physician if symptoms develop or persist.

**Skin contact**

Remove contaminated clothing immediately and wash skin with soap and water. Call a physician or poison control center immediately. Chemical burns must be treated by a physician. Wash contaminated clothing before reuse.

**Eye contact**

Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a physician or poison control center immediately.

**Ingestion**

Call a physician or poison control center immediately. Rinse mouth. Do not induce vomiting. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs.

**Most important symptoms/effects, acute and delayed**

Burning pain and severe corrosive skin damage. Causes serious eye damage. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Permanent eye damage including blindness could result. May cause an allergic skin reaction. Dermatitis. Rash.

**Indication of immediate medical attention and special treatment needed**

Provide general supportive measures and treat symptomatically. Chemical burns: Flush with water immediately. While flushing, remove clothes which do not adhere to affected area. Call an ambulance. Continue flushing during transport to hospital. In case of shortness of breath, give oxygen. Keep victim warm. Keep victim under observation. Symptoms may be delayed.

**General information**

Take off immediately all contaminated clothing. In the case of accident or if you feel unwell, seek medical advice immediately (show the label where possible). Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Wash contaminated clothing before reuse.

**5. Fire-fighting measures****Suitable extinguishing media**

Water fog. Foam. Dry chemical powder. Carbon dioxide (CO<sub>2</sub>).

**Unsuitable extinguishing media**

Do not use water jet as an extinguisher, as this will spread the fire.

**Specific hazards arising from the chemical**

During fire, gases hazardous to health may be formed.

**Special protective equipment and precautions for firefighters**

Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

**Fire fighting equipment/instructions**

Move containers from fire area if you can do so without risk.

**Specific methods**

Use standard firefighting procedures and consider the hazards of other involved materials.

**General fire hazards**

No unusual fire or explosion hazards noted.

**Hazardous combustion products**

Carbon oxides. Nitrogen oxides (NO<sub>x</sub>). Ammonia. Sulfur dioxide.

## 6. Accidental release measures

### Personal precautions, protective equipment and emergency procedures

Immediately evacuate personnel to safe areas. Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Keep out of low areas. Wear appropriate protective equipment and clothing during clean-up. Do not breathe mist or vapor. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ensure adequate ventilation. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.

### Methods and materials for containment and cleaning up

This product is miscible in water. This material is classified as a water pollutant under the Clean Water Act and should be prevented from contaminating soil or from entering sewage and drainage systems which lead to waterways.

Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Cover with plastic sheet to prevent spreading. Absorb in vermiculite, dry sand or earth and place into containers. Following product recovery, flush area with water.

Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.

Never return spills to original containers for re-use. For waste disposal, see section 13 of the SDS. Avoid discharge into drains, water courses or onto the ground.

### Environmental precautions

## 7. Handling and storage

### Precautions for safe handling

Do not breathe mist or vapor. Do not get this material in contact with eyes. Do not get this material in contact with skin. Do not taste or swallow. Avoid prolonged exposure. Do not get this material on clothing. Provide adequate ventilation. Wear appropriate personal protective equipment. Observe good industrial hygiene practices. When using, do not eat, drink or smoke. Wash hands thoroughly after handling. Wash contaminated clothing before reuse.

### Conditions for safe storage, including any incompatibilities

Store locked up. Store in original tightly closed container. Store away from incompatible materials (see Section 10 of the SDS).

## 8. Exposure controls/personal protection

### Occupational exposure limits

#### US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

Components	Type	Value
1-nitropropane (CAS 108-03-2)	PEL	90 mg/m <sup>3</sup>
		25 ppm
Tetrahydro-1, 4-oxazine (CAS 110-91-8)	PEL	70 mg/m <sup>3</sup>
		20 ppm

#### US. ACGIH Threshold Limit Values

Components	Type	Value
1-nitropropane (CAS 108-03-2)	TWA	25 ppm
Tetrahydro-1, 4-oxazine (CAS 110-91-8)	TWA	20 ppm

#### US. NIOSH: Pocket Guide to Chemical Hazards

Components	Type	Value
1-nitropropane (CAS 108-03-2)	TWA	90 mg/m <sup>3</sup>
		25 ppm
Tetrahydro-1, 4-oxazine (CAS 110-91-8)	STEL	105 mg/m <sup>3</sup>
		30 ppm
	TWA	70 mg/m <sup>3</sup>
		20 ppm

### Biological limit values

No biological exposure limits noted for the ingredient(s).

### Exposure guidelines

#### US - California OELs: Skin designation

Tetrahydro-1, 4-oxazine (CAS 110-91-8)

Can be absorbed through the skin.

**US - Minnesota Haz Subs: Skin designation applies**

Tetrahydro-1, 4-oxazine (CAS 110-91-8) Skin designation applies.

**US - Tennessee OELs: Skin designation**

Tetrahydro-1, 4-oxazine (CAS 110-91-8) Can be absorbed through the skin.

**US ACGIH Threshold Limit Values: Skin designation**

Tetrahydro-1, 4-oxazine (CAS 110-91-8) Can be absorbed through the skin.

**US NIOSH Pocket Guide to Chemical Hazards: Skin designation**

Tetrahydro-1, 4-oxazine (CAS 110-91-8) Can be absorbed through the skin.

**US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)**

Tetrahydro-1, 4-oxazine (CAS 110-91-8) Can be absorbed through the skin.

**Appropriate engineering controls**

Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. Eye wash facilities and emergency shower must be available when handling this product.

**Individual protection measures, such as personal protective equipment****Eye/face protection** Wear eye/face protection. Wear safety glasses with side shields (or goggles) and a face shield.**Skin protection****Hand protection** Wear appropriate chemical-resistant gloves.**Other** Wear appropriate chemical-resistant clothing.**Respiratory protection** In case of insufficient ventilation, wear suitable respiratory equipment.**Thermal hazards** Wear appropriate thermal protective clothing, when necessary.**General hygiene considerations**

When using, do not eat, drink or smoke. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants. Contaminated work clothing should not be allowed out of the workplace.

**9. Physical and chemical properties****Appearance****Physical state** Liquid.**Form** Liquid. oily liquid**Color** Colorless to yellow**Odor** Slight. Amine-like.**Odor threshold** Not available.**pH** 9**Melting point/freezing point** Not available.**Initial boiling point and boiling range** > 392 °F (> 200 °C)**Flash point** Not available.**Evaporation rate** Not available.**Flammability (solid, gas)** Not available.**Upper/lower flammability or explosive limits****Flammability limit - lower (%)** Not available.**Flammability limit - upper (%)** Not available.**Explosive limit - lower (%)** Not available.**Explosive limit - upper (%)** Not available.**Vapor pressure** 40 mm Hg at 37°C**Vapor density** Not available.**Relative density** Not available.**Solubility(ies)****Solubility (water)** Miscible

<b>Partition coefficient (n-octanol/water)</b>	Not available.
<b>Auto-ignition temperature</b>	Not available.
<b>Decomposition temperature</b>	Not available.
<b>Viscosity</b>	Not available.
<b>Other information</b>	
<b>Percent volatile</b>	4.5 % estimated
<b>Specific gravity</b>	1.01 @ 25°C

## 10. Stability and reactivity

<b>Reactivity</b>	The product is stable and non-reactive under normal conditions of use, storage and transport.
<b>Chemical stability</b>	Material is stable under normal conditions.
<b>Possibility of hazardous reactions</b>	Hazardous polymerization does not occur.
<b>Conditions to avoid</b>	Contact with incompatible materials.
<b>Incompatible materials</b>	Strong oxidizing agents. Acids. Amines. Nitrites.
<b>Hazardous decomposition products</b>	No hazardous decomposition products are known.

## 11. Toxicological information

### Information on likely routes of exposure

<b>Inhalation</b>	Prolonged inhalation may be harmful. May cause irritation to the respiratory system.
<b>Skin contact</b>	Toxic in contact with skin. Causes severe skin burns. May cause an allergic skin reaction.
<b>Eye contact</b>	Causes serious eye damage.
<b>Ingestion</b>	Causes digestive tract burns. Harmful if swallowed.

**Most important symptoms/effects, acute and delayed** Burning pain and severe corrosive skin damage. Causes serious eye damage. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Permanent eye damage including blindness could result. May cause an allergic skin reaction. Dermatitis. Rash.

### Information on toxicological effects

**Acute toxicity** Toxic in contact with skin. Harmful if swallowed. May cause an allergic skin reaction.

<b>Components</b>	<b>Species</b>	<b>Test Results</b>
1-nitropropane (CAS 108-03-2)		
<b>Acute</b>		
<i>Inhalation</i>		
LC50	Rat	4384 ppm, 4 hours
<i>Oral</i>		
LD50	Rat	455 mg/kg
4,4'-(2-ethyl-2-nitrotrimethylene)dimorpholine (CAS 1854-23-5)		
<b>Acute</b>		
<i>Dermal</i>		
LD50	Rabbit	420 mg/kg
<i>Inhalation</i>		
LC50	Rat	> 2.33 mg/l/4h
<i>Oral</i>		
LD50	Rat	620 mg/kg
Tetrahydro-1, 4-oxazine (CAS 110-91-8)		
<b>Acute</b>		
<i>Dermal</i>		
LD50	Rabbit	500 mg/kg
<i>Inhalation</i>		
LC50	Rat	8.017 mg/l/4h
<i>Oral</i>		
LD50	Rat	1050 mg/kg

Components	Species	Test Results
Tripropylene Glycol Methyl Ether (CAS 20324-33-8)		
<b>Acute</b>		
<i>Oral</i>		
LD50	Rat	3.3 g/kg
* Estimates for product may be based on additional component data not shown.		
<b>Skin corrosion/irritation</b>	Causes severe skin burns and eye damage.	
<b>Serious eye damage/eye irritation</b>	Causes serious eye damage.	
<b>Respiratory or skin sensitization</b>		
<b>Respiratory sensitization</b>	Not available.	
<b>Skin sensitizer</b>	May cause an allergic skin reaction.	
<b>Germ cell mutagenicity</b>	No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.	
<b>Carcinogenicity</b>	This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.	
<b>IARC Monographs. Overall Evaluation of Carcinogenicity</b>		
Tetrahydro-1, 4-oxazine (CAS 110-91-8)		3 Not classifiable as to carcinogenicity to humans.
<b>OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)</b>		
Not listed.		
<b>Reproductive toxicity</b>	This product is not expected to cause reproductive or developmental effects.	
<b>Specific target organ toxicity - single exposure</b>	Not classified.	
<b>Specific target organ toxicity - repeated exposure</b>	Not classified.	
<b>Aspiration toxicity</b>	Not available.	
<b>Chronic effects</b>	Prolonged inhalation may be harmful.	

## 12. Ecological information

**Ecotoxicity** The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

Components	Species	Test Results
1-nitropropane (CAS 108-03-2)		
<i>Acute</i>		
LC50	Rainbow trout ( <i>Oncorhynchus mykiss</i> )	227 mg/l, 96 hours
<b>Aquatic</b>		
<i>Acute</i>		
Algae	Green Algae ( <i>Pseudokirchneriella subcapitata</i> )	> 456 mg/l, 72 hours
Crustacea	Water flea ( <i>Daphnia magna</i> )	380 mg/l, 48 hours
4,4'-(2-ethyl-2-nitrotrimethylene)dimorpholine (CAS 1854-23-5)		
<i>Acute</i>		
LC50	Rainbow trout ( <i>Oncorhynchus mykiss</i> )	1.1 mg/l, 96 hours
<b>Aquatic</b>		
<i>Acute</i>		
Algae	Green Algae ( <i>Pseudokirchneriella subcapitata</i> )	0.844 mg/l, 96 hours
Crustacea	Water flea ( <i>Daphnia magna</i> )	1.9 mg/l, 48 hours
Tetrahydro-1, 4-oxazine (CAS 110-91-8)		
<i>Acute</i>		
LC50	Rainbow trout ( <i>Oncorhynchus mykiss</i> )	180 mg/l, 96 hours

Components		Species	Test Results
<b>Aquatic</b>			
<i>Acute</i>			
Algae	EC50	Green Algae ( <i>Scenedesmus subspicatus</i> )	58 mg/l, 72 hours
	NOEC	Green Algae ( <i>Scenedesmus subspicatus</i> )	31 mg/l, 72 hours
Crustacea	EC50	Water flea ( <i>Daphnia magna</i> )	44.5 mg/l, 48 hours
<i>Chronic</i>			
Crustacea	NOEC	Water flea ( <i>Daphnia magna</i> )	5 mg/l, 21 days
Tripropylene Glycol Methyl Ether (CAS 20324-33-8)			
<b>Aquatic</b>			
<i>Acute</i>			
Crustacea	EC50	Water flea ( <i>Daphnia magna</i> )	> 10000 mg/l, 48 hours
Fish	LC50	Fathead minnow ( <i>Pimephales promelas</i> )	11619 mg/l, 96 hours
<i>Chronic</i>			
Algae	EC50	Algae	9067 mg/l, 96 hours
	NOEC	Duckweed ( <i>Lemna minor</i> )	483 mg/l, 28 days

\* Estimates for product may be based on additional component data not shown.

**Persistence and degradability** No data is available on the degradability of this product.

**Bioaccumulative potential** No data available.

**Partition coefficient n-octanol / water (log Kow)**

1-nitropropane	0.87
Tetrahydro-1, 4-oxazine	-0.86

**Mobility in soil** No data available.

**Other adverse effects** No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

### 13. Disposal considerations

**Disposal instructions** Collect and reclaim or dispose in sealed containers at licensed waste disposal site. This material and its container must be disposed of as hazardous waste. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose of contents/container in accordance with local/regional/national/international regulations.

**Local disposal regulations** Dispose in accordance with all applicable regulations.

**Hazardous waste code** The waste code should be assigned in discussion between the user, the producer and the waste disposal company.

**Waste from residues / unused products** Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).

**Contaminated packaging** Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may retain product residue, follow label warnings even after container is emptied.

### 14. Transport information

**DOT**

<b>UN number</b>	UN2054
<b>UN proper shipping name</b>	Morpholine, solution (Tetrahydro-1, 4-oxazine RQ = 4348 LBS)
<b>Transport hazard class(es)</b>	
<b>Class</b>	8
<b>Subsidiary risk</b>	3
<b>Label(s)</b>	8, 3
<b>Packing group</b>	I
<b>Environmental hazards</b>	
<b>Marine pollutant</b>	Yes
<b>Special precautions for user</b>	Read safety instructions, SDS and emergency procedures before handling.

<b>Special provisions</b>	A6, T10, TP2
<b>Packaging exceptions</b>	None
<b>Packaging non bulk</b>	201
<b>Packaging bulk</b>	243

**IATA**

<b>UN number</b>	UN2054
<b>UN proper shipping name</b>	Morpholine solution (Tetrahydro-1, 4-oxazine)
<b>Transport hazard class(es)</b>	
<b>Class</b>	8
<b>Subsidiary risk</b>	3
<b>Packing group</b>	I
<b>Environmental hazards</b>	Yes
<b>ERG Code</b>	8F
<b>Special precautions for user</b>	Read safety instructions, SDS and emergency procedures before handling.
<b>Other information</b>	
<b>Passenger and cargo aircraft</b>	Allowed.
<b>Cargo aircraft only</b>	Allowed.

**IMDG**

<b>UN number</b>	UN2054
<b>UN proper shipping name</b>	MORPHOLINE SOLUTION (Tetrahydro-1, 4-oxazine)
<b>Transport hazard class(es)</b>	
<b>Class</b>	8
<b>Subsidiary risk</b>	3
<b>Packing group</b>	I
<b>Environmental hazards</b>	
<b>Marine pollutant</b>	Yes
<b>EmS</b>	F-E, S-C
<b>Special precautions for user</b>	Read safety instructions, SDS and emergency procedures before handling.

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code** Not available.

**DOT**



**IATA; IMDG**





## Marine pollutant



### General information

DOT Regulated Marine Pollutant. IMDG Regulated Marine Pollutant.

## 15. Regulatory information

### US federal regulations

This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

One or more components are not listed on TSCA.

#### TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

Not regulated.

#### CERCLA Hazardous Substance List (40 CFR 302.4)

1-nitropropane (CAS 108-03-2)

Listed.

Tetrahydro-1, 4-oxazine (CAS 110-91-8)

Listed.

#### SARA 304 Emergency release notification

Not regulated.

#### OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Not listed.

### Superfund Amendments and Reauthorization Act of 1986 (SARA)

#### Hazard categories

Immediate Hazard - Yes

Delayed Hazard - No

Fire Hazard - No

Pressure Hazard - No

Reactivity Hazard - No

#### SARA 302 Extremely hazardous substance

Not listed.

#### SARA 311/312 Hazardous chemical

No

#### SARA 313 (TRI reporting)

Not regulated.

### Other federal regulations

#### Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List

Not regulated.

#### Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)

Not regulated.

#### Safe Drinking Water Act (SDWA)

Not regulated.

### US state regulations

#### US. California Controlled Substances. CA Department of Justice (California Health and Safety Code Section 11100)

Tetrahydro-1, 4-oxazine (CAS 110-91-8)

#### US. Massachusetts RTK - Substance List

1-nitropropane (CAS 108-03-2)

Tetrahydro-1, 4-oxazine (CAS 110-91-8)

#### US. New Jersey Worker and Community Right-to-Know Act

1-nitropropane (CAS 108-03-2)

Tetrahydro-1, 4-oxazine (CAS 110-91-8)

#### US. Pennsylvania Worker and Community Right-to-Know Law

1-nitropropane (CAS 108-03-2)

Tetrahydro-1, 4-oxazine (CAS 110-91-8)

**US. Rhode Island RTK**

Not regulated.

**US. California Proposition 65**

California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): This material is not known to contain any chemicals currently listed as carcinogens or reproductive toxins.

**International Inventories**

Country(s) or region	Inventory name	On inventory (yes/no)*
Australia	Australian Inventory of Chemical Substances (AICS)	Yes
Canada	Domestic Substances List (DSL)	No
Canada	Non-Domestic Substances List (NDSL)	No
China	Inventory of Existing Chemical Substances in China (IECSC)	Yes
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	Yes
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	No
Korea	Existing Chemicals List (ECL)	Yes
New Zealand	New Zealand Inventory	Yes
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	No
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	No

\*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

**16. Other information, including date of preparation or last revision****Issue date** 02-27-2015**Version #** 01**Disclaimer** Prepared by: ICC The Compliance Center Inc. 1-888-442-9628  
<http://www.thecompliancecenter.com>**Disclaimer**

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This Safety Data Sheet may not be changed, or altered in any way without the expressed knowledge and permission of ICC The Compliance Center Inc. and Cummins Filtration The information in the sheet was written based on the best knowledge and experience currently available.

**Revision Information** Product and Company Identification: Product Codes  
Composition / Information on Ingredients: Ingredients  
Physical & Chemical Properties: Multiple Properties  
GHS: Classification**Bibliography** Not available.