# **Filtration**

# SAFETY DATA SHEET

1. Identification

Product identifier ES COMPLEAT EG CONCENTRATE (Ethylene glycol based antifreeze)

Other means of identification

SDS number LT16588

**Product code** CC2820, CC2821, CC2822, CC2847, CC2823

**Recommended use** Concentrated antifreeze / coolant.

**Recommended restrictions** None known.

Manufacturer/Importer/Supplier/Distributor information

Manufacturer

Company name Cummins Filtration
Address 1200 Fleetquard Road

Cookeville, TN 38506

**United States** 

Outside U.S.

**Telephone** 24 Hours per day

1-800-22FILTER (1-800-223-4583)

Chemtrec 1-800-424-9300

**E-mail** Not available.

**Emergency phone number** Within Continental 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 Acute toxicity, oral Category 4

Reproductive toxicity Category 2
Specific target organ toxicity, single exposure Category 2

Specific target organ toxicity, single exposure Category 3 respiratory tract irritation

Specific target organ toxicity, single exposure Category 3 narcotic effects

Environmental hazards

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

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

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

Label elements



Signal word Warning

Harmful if swallowed. May cause respiratory irritation. May cause drowsiness or dizziness.

Suspected of damaging fertility or the unborn child. May cause damage to organs.

**Precautionary statement** 

**Prevention** Obtain special instructions before use. Do not handle until all safety precautions have been read

and understood. Do not breathe mist or vapor. Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Use only outdoors or in a well-ventilated area. Wear protective

gloves/protective clothing/eye protection/face protection.

Response If swallowed: Call a poison center/doctor if you feel unwell. If inhaled: Remove person to fresh air

and keep comfortable for breathing. If exposed or concerned: Call a poison center/doctor. Rinse

mouth.

Storage Store in a well-ventilated place. Keep container tightly closed. Store locked up.

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

Hazard(s) not otherwise classified (HNOC)

Human poison by ingestion (lethal dose of Ethylene glycol for humans reported to be 100 mL). Symptoms of poisoning may include cyanosis (bluish discolouration of the skin), nausea, dizziness, rapid heartbeat, irregular breathing, coma and death. Initially, the central nervous system is stimulated, followed by depression. Prolonged or repeated ingestion may cause bladder or kidney stones.

Supplemental information

Not applicable.

## 3. Composition/information on ingredients

#### **Mixtures**

| Chemical name                            | Common name and synonyms                                | CAS number | %          |
|------------------------------------------|---------------------------------------------------------|------------|------------|
| ETHYLENE GLYCOL                          | Glycol alcohol<br>1,2-ETHANDIOL                         | 107-21-1   | 90.0-100.0 |
| Diethylene Glycol                        | 2-(2-HYDROXYETHOXY)ETHANOL<br>BIS(2-HYDROXYETHYL) ETHER | 111-46-6   | 0.1-1.0    |
| Disodium Tetraborate, Anhydrous          | BORAX<br>Sodium tetraborate                             | 1330-43-4  | 0.1-0.5    |
| Sodium Nitrite                           | Nitrous acid, sodium salt                               | 7632-00-0  | 0.1-0.5    |
| Sodium Molybdate                         | Molybdic acid, Disodium salt                            | 7631-95-0  | <= 0.2     |
| Other components below reportable levels |                                                         |            | 1 - 3      |

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

#### 4. First-aid measures

Inhalation Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON

CENTER or doctor/physician if you feel unwell.

Skin contact Wash off with soap and water. Get medical attention if irritation develops and persists.

Rinse with water. Get medical attention if irritation develops and persists. **Eve contact** 

Ingestion Rinse mouth. IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.

Most important

symptoms/effects, acute and

delayed

Indication of immediate medical attention and special treatment needed

**General information** 

Provide general supportive measures and treat symptomatically. In case of shortness of breath, give oxygen. Keep victim warm. Keep victim under observation. Symptoms may be delayed.

Vapors have a narcotic effect and may cause headache, fatigue, dizziness and nausea.

IF exposed or concerned: Get medical advice/attention. Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

## 5. Fire-fighting measures

Suitable extinguishing media

Unsuitable extinguishing

media

Specific hazards arising from

the chemical

Special protective equipment and precautions for firefighters During fire, gases hazardous to health may be formed.

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

Alcohol resistant foam. Water fog. Dry chemical powder. Carbon dioxide (CO2).

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

Not available.

# 6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Keep out of low areas. Wear appropriate personal protective equipment. 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.

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. Use water spray to reduce vapors or divert vapor cloud drift. Prevent entry into waterways, sewer, basements or confined areas. 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.

#### **Environmental precautions**

Avoid discharge into drains, water courses or onto the ground.

# 7. Handling and storage

Precautions for safe handling

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not breathe mist or vapor. Do not taste or swallow. Avoid contact during pregnancy/while nursing. Avoid prolonged exposure. 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.

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

| Components                                            | Туре                                                                                           | Value            |                      |
|-------------------------------------------------------|------------------------------------------------------------------------------------------------|------------------|----------------------|
| Sodium Molybdate (CAS 7631-95-0)                      | PEL                                                                                            | 5 mg/m3          |                      |
| US. ACGIH Threshold Limit                             | Values                                                                                         |                  |                      |
| Components                                            | Туре                                                                                           | Value            | Form                 |
| Disodium Tetraborate,<br>Anhydrous (CAS<br>1330-43-4) | STEL                                                                                           | 6 mg/m3          | Inhalable fraction.  |
| ,                                                     | TWA                                                                                            | 2 mg/m3          | Inhalable fraction.  |
| ETHYLENE GLYCOL (CAS 107-21-1)                        | Ceiling                                                                                        | 100 mg/m3        | Aerosol.             |
| Sodium Molybdate (CAS<br>7631-95-0)                   | TWA                                                                                            | 0.5 mg/m3        | Respirable fraction. |
| US. NIOSH: Pocket Guide to                            | Chemical Hazards                                                                               |                  |                      |
| Components                                            | Туре                                                                                           | Value            |                      |
| Disodium Tetraborate,<br>Anhydrous (CAS<br>1330-43-4) | TWA                                                                                            | 1 mg/m3          |                      |
| US. Workplace Environmen                              | tal Exposure Level (WEEL) Guides                                                               |                  |                      |
| Components                                            | Турѐ                                                                                           | Value            |                      |
| Diethylene Glycol (CAS<br>111-46-6)                   | TWA                                                                                            | 10 mg/m3         |                      |
| ogical limit values                                   | No biological exposure limits noted for th                                                     | e ingredient(s). |                      |
| ropriate engineering                                  | Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates |                  |                      |

Bio

App

controls

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.

## Individual protection measures, such as personal protective equipment

Eye/face protection Wear safety glasses with side shields (or goggles).

Skin protection

Hand protection Wear protective gloves.

Other Wear appropriate chemical-resistant clothing.

In case of insufficient ventilation, wear suitable respiratory equipment. Respiratory protection

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.

## 9. Physical and chemical properties

**Appearance** 

Physical state Liquid. **Form** Liquid. Color Blue

Characteristic odour. Odor

Not available. Odor threshold

9.4 - 10 (100%); 10.2 - 10.8 (50%)

Melting point/freezing point Not available. 383 °F (195 °C) Initial boiling point and boiling

range

231.8 °F (111.0 °C) Open Cup Flash point

3.2

15.3

**Evaporation rate** Not available. Flammability (solid, gas) Not available. Upper/lower flammability or explosive limits

Flammability limit - lower

(%)

Flammability limit - upper

Not available. Explosive limit - lower (%) Explosive limit - upper (%) Not available.

Vapor pressure 0.05 mm Hg @ 20°C

Vapor density 2.1

Not available. Relative density

Solubility(ies)

Solubility (water) completely miscible

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

Not available.

Not available. **Auto-ignition temperature** Not available. **Decomposition temperature** 

**Viscosity** Not available.

Other information

Flammability class Combustible IIIB estimated

1.11 - 1.14 Specific gravity

# 10. Stability and reactivity

The product is stable and non-reactive under normal conditions of use, storage and transport. Reactivity

**Chemical stability** Material is stable under normal conditions.

Possibility of hazardous

reactions

No dangerous reaction known under conditions of normal use.

Conditions to avoid Avoid temperatures exceeding the flash point. Contact with incompatible materials.

Incompatible materials Strong oxidizing agents.

Hazardous decomposition

products

No hazardous decomposition products are known.

# 11. Toxicological information

## Information on likely routes of exposure

**Inhalation** Vapors have a narcotic effect and may cause headache, fatigue, dizziness and nausea.

Prolonged inhalation may be harmful. May cause damage to organs by inhalation. May cause

irritation to the respiratory system.

Skin contact

No adverse effects due to skin contact are expected.

Eye contact

Direct contact with eyes may cause temporary irritation.

Ingestion Kidney injury may occur. Harmful if swallowed. May cause damage to organs by ingestion.Most important Vapors have a narcotic effect and may cause headache, fatigue, dizziness and nausea.

symptoms/effects, acute and

delayed

Information on toxicological effects

Acute toxicity Harmful if swallowed. Narcotic effects. May cause respiratory irritation.

| Components                 | Species                | Test Results          |
|----------------------------|------------------------|-----------------------|
| Diethylene Glycol (CAS 111 | l-46-6)                |                       |
| Acute                      |                        |                       |
| Dermal                     |                        |                       |
| LD50                       | Rabbit                 | 13300 mg/kg           |
| Inhalation                 |                        |                       |
| LC50                       | Rat                    | > 5.08 mg/l           |
| Oral                       |                        |                       |
| LD50                       | Rat                    | 25300 mg/kg           |
| Disodium Tetraborate, Anhy | ydrous (CAS 1330-43-4) |                       |
| Acute                      |                        |                       |
| Dermal                     |                        |                       |
| LD50                       | Rabbit                 | > 2000 mg/kg          |
| Inhalation                 |                        |                       |
| LC50                       | Rat                    | > 2.04 mg/l/4h        |
| Oral                       |                        |                       |
| LD50                       | Rat                    | 1200 mg/kg            |
| ETHYLENE GLYCOL (CAS       | 107-21-1)              |                       |
| Acute                      |                        |                       |
| Dermal                     |                        |                       |
| LD50                       | Rabbit                 | 9530 mg/kg            |
| Inhalation                 |                        |                       |
| LC50                       | Rat                    | 10.92 mg/l, 4 hours   |
| Oral                       |                        |                       |
| LD50                       | Human                  | 1110 - 1665 mg/kg     |
|                            | Rat                    | 4000 mg/kg            |
| Sodium Molybdate (CAS 76   | 31-95-0)               |                       |
| Acute                      |                        |                       |
| Dermal                     |                        |                       |
| LD50                       | Rabbit                 | No data in literature |
| Inhalation                 |                        |                       |
| LC50                       | Rat                    | > 2.08 mg/l, 4 Hours  |
| Oral                       |                        |                       |
| LD50                       | Rat                    | 4040 mg/kg            |
| Sodium Nitrite (CAS 7632-0 | 00-0)                  |                       |
| Acute                      |                        |                       |
| Dermal                     |                        |                       |
| LD50                       | Rabbit                 | No data in literature |

| Components | Species | Test Results          |
|------------|---------|-----------------------|
| Inhalation |         |                       |
| LC50       | Rat     | No data in literature |
| Oral       |         |                       |
| LD50       | Rat     | 85 mg/kg              |

<sup>\*</sup> Estimates for product may be based on additional component data not shown.

**Skin corrosion/irritation** Prolonged skin contact may cause temporary irritation. **Serious eye damage/eye** Direct contact with eyes may cause temporary irritation.

irritation

Respiratory or skin sensitization

Respiratory sensitization Not available.

Skin sensitizer This product is not expected to cause skin sensitization.

Germ cell mutagenicity Not expected to be hazardous by WHMIS criteria.

Carcinogenicity This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Not listed.

**Reproductive toxicity** Suspected of damaging fertility or the unborn child.

Specific target organ toxicity -

single exposure

May cause damage to organs. Kidney injury may occur. Respiratory tract irritation. Narcotic

effects. May cause damage to organs by ingestion.

Specific target organ toxicity -

repeated exposure

Acute

Aquatic

Crustacea

Not classified.

Aspiration toxicity Not available.

**Chronic effects** Prolonged inhalation may be harmful.

## 12. Ecological information

**Ecotoxicity** Contains a substance which causes risk of hazardous effects to the environment. Do not allow this

material to drain into sewers/water supplies.

| Components            |                    | Species                                 | Test Results         |
|-----------------------|--------------------|-----------------------------------------|----------------------|
| Diethylene Glycol (CA | S 111-46-6)        |                                         |                      |
| Aquatic               |                    |                                         |                      |
| Acute                 |                    |                                         |                      |
| Algae                 | EC10               | Green plankton algae (Chlorococcales)   | 1000 mg/l, 24 Hours  |
| Crustacea             | EC50               | Water flea (Daphnia magna)              | 48900 mg/l, 48 Hours |
| Fish                  | LC50               | Fathead minnow (Pimephales promelas)    | 77900 mg/l, 96 hours |
| Disodium Tetraborate  | , Anhydrous (CAS 1 | 330-43-4)                               |                      |
| Aquatic               |                    |                                         |                      |
| Acute                 |                    |                                         |                      |
| Algae                 | EC50               | Green algae (Selenastrum capricornutum) | 15.4 mg/l, 96 Hours  |
| Crustacea             | EC50               | Water flea (Daphnia magna)              | 141 mg/kg, 48 Hours  |
| Fish                  | LC50               | Fathead minnow (Pimephales promelas)    | 332 mg/l, 96 Hours   |
| Chronic               |                    |                                         |                      |
| Crustacea             | NOEC               | Water flea (Daphnia magna)              | 6 mg/l, 21 days      |
| Fish                  | NOEC               | Japanese rice fish (Oryzias latipes)    | 2.1 mg/l, 87 days    |
| ETHYLENE GLYCOL       | (CAS 107-21-1)     |                                         |                      |
|                       |                    |                                         |                      |

Rainbow trout (Oncorhynchus mykiss)

Water flea (Daphnia magna)

LC50

LC50

22810 mg/l, 96 Hours

46300 - 57000 mg/l, 48 hours

| Components            |               | Species                                              | Test Results         |
|-----------------------|---------------|------------------------------------------------------|----------------------|
| Acute                 |               |                                                      |                      |
| Algae                 | IC50          | Green algae (Selenastrum capricornutum)              | 10940 mg/l, 96 Hours |
|                       | NOEC          | Green algae (Selenastrum capricornutum)              | 10000 mg/l, 96 Hours |
| Sodium Molybdate (C   | AS 7631-95-0) |                                                      |                      |
| Aquatic               |               |                                                      |                      |
| Acute                 |               |                                                      |                      |
| Crustacea             | LC50          | Water flea (Daphnia magna)                           | 3220 mg/l, 48 hours  |
| Fish                  | LC50          | Rainbow trout, donaldson trout (Oncorhynchus mykiss) | 2911 mg/l, 96 hours  |
| Chronic               |               |                                                      |                      |
| Crustacea             | NOEC          | Water flea (Daphnia magna)                           | 50 mg/l, 21 days     |
| Fish                  | NOEC          | Rainbow trout, donaldson trout (Oncorhynchus mykiss) | 200 mg/l, 32 days    |
| Sodium Nitrite (CAS 7 | 7632-00-0)    |                                                      |                      |
| Acute                 |               |                                                      |                      |
|                       | LC50          | Rainbow trout (Oncorhynchus mykiss)                  | 0.54 mg/l, 96 hours  |
| Aquatic               |               |                                                      |                      |
| Acute                 |               |                                                      |                      |
| Algae                 | EC50          | Green Algae (Scenedesmus subspicatus)                | > 100 mg/l, 72 hours |
| Crustacea             | EC50          | Water flea (Daphnia magna)                           | 15.4 mg/l, 48 hours  |
| Chronic               |               |                                                      |                      |
| Algae                 | NOEC          | Green Algae (Scenedesmus subspicatus)                | 100 mg/l, 72 hours   |
|                       |               |                                                      |                      |

<sup>\*</sup> 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)

Diethylene Glycol -1.5 ETHYLENE GLYCOL -1.36

**Bioconcentration factor (BCF)** 

Diethylene Glycol 3 ETHYLENE GLYCOL 10

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

Not regulated as dangerous goods.

IATA

Not regulated as dangerous goods.

**IMDG** 

Not regulated as dangerous goods.

Transport in bulk according to Not available.

Annex II of MARPOL 73/78 and

the IBC Code

## 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)

Sodium Nitrite (CAS 7632-00-0) 1.0 % One-Time Export Notification only.

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

ETHYLENE GLYCOL (CAS 107-21-1) Listed. Sodium Nitrite (CAS 7632-00-0) 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 - Yes Fire Hazard - No Pressure Hazard - No Reactivity Hazard - No

SARA 302 Extremely hazardous substance

Not listed.

SARA 311/312 Hazardous No

chemical

SARA 313 (TRI reporting)

| Chemical name   | CAS number | % by wt.   |  |
|-----------------|------------|------------|--|
| ETHYLENE GLYCOL | 107-21-1   | 90.0-100.0 |  |
| Sodium Nitrite  | 7632-00-0  | 0.1-0.5    |  |

## Other federal regulations

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

ETHYLENE GLYCOL (CAS 107-21-1)

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)

Not listed.

## **US. Massachusetts RTK - Substance List**

Disodium Tetraborate, Anhydrous (CAS 1330-43-4)

ETHYLENE GLYCOL (CAS 107-21-1)

Sodium Nitrite (CAS 7632-00-0)

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

Disodium Tetraborate, Anhydrous (CAS 1330-43-4)

ETHYLENE GLYCOL (CAS 107-21-1)

Sodium Nitrite (CAS 7632-00-0)

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

Diethylene Glycol (CAS 111-46-6)

Disodium Tetraborate, Anhydrous (CAS 1330-43-4)

ETHYLENE GLYCOL (CAS 107-21-1)

Sodium Nitrite (CAS 7632-00-0)

#### **US. Rhode Island RTK**

ETHYLENE GLYCOL (CAS 107-21-1) Sodium Nitrite (CAS 7632-00-0)

#### **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)                     | No                     |
| Canada               | Domestic Substances List (DSL)                                         | Yes                    |
| 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)                                          | No                     |
| New Zealand          | New Zealand Inventory                                                  | Yes                    |
| Philippines          | Philippine Inventory of Chemicals and Chemical Substances (PICCS)      | Yes                    |

United States & Puerto Rico Toxic Substances Control Act (TSCA) Inventory

\*A "Yes" indicates that all components of this product comply with the inventory requirements 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

This Safety Data Sheet was prepared by ICC The Compliance Center Inc. using information provided by / obtained from Cummins Filtration and CCOHS' Web Information Service. The information in the Safety Data Sheet is offered for your consideration and guidance when exposed to this product. ICC The Compliance Center Inc. and Cummins Filtration expressly disclaim all expressed or implied warranties and assume no responsibilities for the accuracy or completeness of the data contained herein. The data in this SDS does not apply to use with any other product or in any other process.

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

Regulatory Information: Canada

**GHS: Classification** 

Bibliography Not available.

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).