

SDS Number: 60102 WINTER CONCENTRATE PREMIUM DIESEL 2000 (-35), Revision Date: 2/11/2015

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## 1 PRODUCT AND COMPANY IDENTIFICATION

**Product Name:** WC PD 2000-35 Winter Concentrate, Winter Diesel Fuel Concentrate PD2000 & PD2000-35 # 08PD-8-24, 08PD35-8-24, 08-8-24  
**Revision Date:** 2/11/2015  
**SDS Number:** 60102 08PD35-128-1, 08PD128-4 08PD320-1, 08PD35-320-1,  
**CAS Number:** Blend 08PD-440-1, 08PD35-440-1  
**Product Code:** 60102  
**Synonyms:** Diesel Fuel Additive

### Company Identification

Manufactured for:  
Cartel Products  
P.O. Box 151  
Woodstock, IL 60098

1-815-334-0250 (For product information)  
1-800-424-9300 (For emergencies)  
1-800-424-9300 or 1-703-527-3887 (CHEMTREC)

## 2 HAZARDS IDENTIFICATION

GHS Signal Word:  
DANGER

GHS Hazard Pictograms:



GHS Classifications:

Physical, Flammable Liquids, 3  
Health, Skin corrosion/irritation, 2  
Health, Serious Eye Damage/Eye Irritation, 2 B  
Health, Acute toxicity, 4 Oral  
Health, Acute toxicity, 4 Dermal  
Health, Acute toxicity, 4 Inhalation  
Health, Specific target organ toxicity - Single exposure, 3  
Health, Carcinogenicity, 2  
Health, Aspiration hazard, 1

GHS Phrases:

H226 - Flammable liquid and vapor  
H315 - Causes skin irritation  
H320 - Causes eye irritation  
H302 - Harmful if swallowed  
H312 - Harmful in contact with skin  
H332 - Harmful if inhaled  
H335 - May cause respiratory irritation  
H336 - May cause drowsiness or dizziness  
H351 - Suspected of causing cancer  
H304 - May be fatal if swallowed and enters airways

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### GHS Precautionary Statements:

P210 - Keep away from heat/sparks/open flames/hot surfaces. No smoking  
P261 - Avoid breathing dust/fume/gas/mist/vapors/spray.  
P273 - Avoid release to the environment.  
P302+352 - IF ON SKIN: Wash with soap and water.  
P305+351+338 - IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do.  
Continue rinsing.

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## COMPOSITION/INFORMATION ON INGREDIENTS

### Ingredients:

Chemical Name	Percentage	CAS#
2-Ethylhexyl nitrate	< 30.0	27247-96-7
Light aromatic solvent naphtha	20.0 - 40.0	64742-95-6
Ethylene glycol monobutyl ether	20.0 - 40.0	111-76-2
1,2,4-Trimethylbenzene	< 15.0	95-63-6
2-Ethylhexanol	5.0 - 15.0	104-76-7
Heavy aromatic solvent naphtha	4.0 - 9.0	64742-94-5
Trimethylbenzene	< 1.0	25551-13-7
Xylene	< 5.0	1330-20-7
Cumene	< 1.0	98-82-8
Ethylbenzene	< 0.3	100-41-4
1,3,5-Trimethylbenzene	< 0.5	108-67-8
Naphthalene	< 2.0	91-20-3
Vinyl acetate monomer	< 0.1	108-05-4

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## FIRST AID MEASURES

**Inhalation:** If symptoms develop, move victim to fresh air.  
If symptoms persist, obtain medical attention.

**Skin Contact:** Wash with soap and water.  
Remove contaminated clothing and wash before reuse.  
Get medical attention if needed.

**Eye Contact:** Flush with water for several minutes.  
If effects occur, consult a physician.

**Ingestion:** If swallowed, do NOT induce vomiting.  
Have the victim rinse mouth with water, and then drink 2 - 4 cupfuls of water.  
Get immediate medical attention.

### NOTES TO PHYSICIAN:

Activated charcoal mixture may be administered.

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### 5 FIRE FIGHTING MEASURES

**Flash Point:** 55.0 C (131.0 F)  
**Flash Point Method:** TCC

Use dry powder, foam, or carbon dioxide fire extinguishers.  
Water may be ineffective unless used by experienced fire fighters.

### 6 ACCIDENTAL RELEASE MEASURES

Eliminate sources of ignition - Heat, sparks, flame, and electricity  
Contain spilled material.  
Collect in suitable and properly labeled containers.  
Pick up excess with inert absorbant material  
Keep away from drains and ground water.

### 7 HANDLING AND STORAGE

**Handling Precautions:** Avoid contact with eyes, skin, or clothing.  
Keep away from sources of ignition.  
Do not pressurize, cut, weld, braze, solder, drill, or grind container  
Handle with care and avoid spillage on the floor ( slippage).  
Ground and bond containers when transferring material

**Storage Requirements:** Keep away from sources of ignition.  
Store in a tightly closed container

### 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

**Engineering Controls:** All ventilation should be designed in accordance with OSHA standard (29 CFR 1910.94).

**Personal Protective Equip:** Use of safety glasses and gloves are recommended.

**EXPOSURE GUIDELINES:**  
**SOLVENT NAPHTHA, PETROLEUM, LIGHT AROM.**  
OSHA TWA: 500 ppm

**ETHYLENE GLYCOL MONOBUTYL ETHER**  
OSHA PEL: 25 ppm, 120 mg/m<sup>3</sup>  
OSHA TWA: 25 ppm  
ACGIH TWA: 25 ppm

**1,2,4-TRIMETHYLBENZENE**  
ACGIH TWA: 25 ppm

**TRIMETHYLBENZENE**  
OSHA TWA: 25 ppm, 125 mg/m<sup>3</sup>  
ACGIH TWA: 25 ppm, 123 mg/m<sup>3</sup>

**XYLENE**  
OSHA TWA: 100 ppm, 435 mg/m<sup>3</sup>

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ACGIH TWA: 100 ppm, 434 mg/m<sup>3</sup>  
OSHA STEL: 150 ppm, 655 mg/m<sup>3</sup>  
ACGIH STEL: 150 ppm, 651 mg/m<sup>3</sup>

### CUMENE

OSHA PEL: 50 ppm  
OSHA TWA: 50 ppm, 245 mg/m<sup>3</sup>  
ACGIH TWA: 50 ppm, 246 mg/m<sup>3</sup>

### ETHYLBENZENE

OSHA TWA: 100 ppm  
OSHA STEL: 125 ppm  
ACGIH STEL: 125 ppm

### 1,3,5-TRIMETHYLBENZENE

ACGIH TWA: 25 ppm

### NAPHTHALENE

OSHA PEL: 10 ppm, 50 mg/m<sup>3</sup>  
OSHA TWA: 10 ppm, 50 mg/m<sup>3</sup>  
ACGIH TWA: 10 ppm, 52 mg/m<sup>3</sup>  
OSHA STEL: 15 ppm, 75 mg/m<sup>3</sup>  
ACGIH STEL: 15 ppm, 79 mg/m<sup>3</sup>

## 9 PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:** Amber  
**Physical State:** Liquid  
**Solubility:** Nil in water

## 10 STABILITY AND REACTIVITY

**Stability:** Product is stable under normal conditions.  
**Conditions to Avoid:** High temperatures above 50 C (122 F) and open flame.  
**Materials to Avoid:** Avoid strong oxidizing agents.  
May burn or react violently to flourine/oxygen mixtures.

## 11 TOXICOLOGICAL INFORMATION

Repeated skin contact with this product may cause dermatitis.  
No component is listed as a carcinogen, mutagen, or teratogen.

### EYE EFFECTS:

Vinyl Acetate Monomer is a severe eye irritant (rabbit).  
Solvent Petroleum Naphtha, slightly irritating (rabbit).

### SKIN EFFECTS:

Vinyl Acetate Monomer is a slight skin irritant. Skin absorption LD50 is 2,335 mg/kg in rabbits for Vinyl Acetate.  
Solvent Petroleum Naphtha, no deaths reported at 4 ml/kg (Rat). Slightly irritating (rabbit, 4 hour(s)).  
1-Ethylhexyl Nitrate is harmful in contact with skin.

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### ACUTE ORAL EFFECTS:

Oral LD50 for Vinyl Acetate Monomer is 2,920 mg/kg in rats.  
Solvent Petroleum Naphtha, LD50, 10 ml/kg in rats.  
Naphthalene, Oral LD50, 2600 mg/kg (rat).  
Ethylene Glycol Monobutyl Ether, Oral LD50, 1.4 g/kg (Guinea Pig).

### ACUTE INHALATION EFFECTS:

Inhalation 4 hour LC50 is 4,000 ppm in rats for Vinyl Acetate Monomer.  
Solvent Petroleum Naphtha, no deaths at 710 ppm (v) (Rat) 4 Hour (s).  
Inhalation 1 hour LC50 is >633 ppm in guinea pig for Ethylene Glycol Monobutyl Ether.

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## ECOLOGICAL INFORMATION

Avoid exposing to the environment.  
Toxic to aquatic organisms.  
May cause long term adverse effects in the aquatic environment. Based on calculations.  
This product contains components which may be persistent in the environment.

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## DISPOSAL CONSIDERATIONS

Dispose of waste material in accordance with all local, state/provincial, and national requirements  
Do not flush to surface water or drains

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## TRANSPORT INFORMATION

UN #: NA 1993, Class: -, Proper Shipping Name: Combustible liquid, n.o.s.

### MISCELLANEOUS:

This material is a marine pollutant as transported in bulk.

Non-bulk packages are not regulated as marine pollutants, and are regulated as Combustible Liquids.

This material is not regulated for US DOT transportation in quantities less than 119 Gallons.

It is not recommended to ship this product via air in quantities greater than one liter.

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**15****REGULATORY INFORMATION**

This material or all of its components are listed on the Inventory of Existing Chemical Substances under the Toxic Substances Control Act (TSCA).

**REGULATORY DISCLOSURES:****New Jersey Right to Know list:**

1,2,4-Trimethylbenzene, CAS #95-63-6, < 10.0 %.  
1,3,5-Trimethylbenzene, CAS # 108-67-8, < 0.3 %.  
Naphthalene, CAS # 91-20-3, < 0.2 %.  
Xylene, CAS # 1330-20-7, < 2.0 %.  
Cumene, CAS# 98-82-8, < 1.0 %.

**Pennsylvania Right to Know List:**

1,2,4-Trimethylbenzene, CAS #95-63-6, < 10.0 %.  
Naphthalene, CAS # 91-20-3, < 0.2 %.  
Xylene, CAS # 1330-20-7, < 2.0 %.  
(section 15 continued)  
Ethylbenzene, CAS #100-41-4: < 0.5 %.  
Cumene, CAS# 98-82-8, < 1.0 %.  
Ethylene Glycol Monobutyl Ether, CAS # 111-76-2, 10 - 30 %.

**Canadian Disclosure List**

ETHYLENE GLYCOL MONOBUTYL ETHER (111-76-2)  
1,2,4-TRIMETHYLBENZENE (95-63-6)  
TRIMETHYLBENZENE (25551-13-7)  
ETHYLBENZENE (100-41-4)  
1,3,5-TRIMETHYLBENZENE (108-67-8)

**SARA Title III - Section 313**

1,2,4-TRIMETHYLBENZENE (95-63-6)  
XYLENE (1330-20-7)

**CERCLA Hazardous Substances**

XYLENE (1330-20-7) -- RQ 1000 lb  
CUMENE (98-82-8) -- RQ 5000 lb  
ETHYLBENZENE (100-41-4) -- RQ 1000 lb  
NAPHTHALENE (91-20-3) -- RQ 100 lb  
VINYL ACETATE MONOMER (108-05-4) -- RQ 5000 lb

**RCRA Hazardous Substances**

XYLENE (1330-20-7) -- RCRA Code: U239  
CUMENE (98-82-8) -- RCRA Code: U055  
NAPHTHALENE (91-20-3) -- RCRA Code: U165

**Clean Air Act - Section 112**

VINYL ACETATE MONOMER (108-05-4)

**Title V**

1,2,4-TRIMETHYLBENZENE (95-63-6)  
XYLENE (1330-20-7)  
CUMENE (98-82-8)  
ETHYLBENZENE (100-41-4)  
NAPHTHALENE (91-20-3)

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VINYL ACETATE MONOMER (108-05-4)

**SC Toxic Air Pollutants List**

XYLENE (1330-20-7)

CUMENE (98-82-8)

ETHYLBENZENE (100-41-4)

NAPHTHALENE (91-20-3)

VINYL ACETATE MONOMER (108-05-4)

**16****OTHER INFORMATION**

The information contained in this Safety Data Sheet relates only to the specific material designated. Cartel Products assumes no legal responsibility for use or reliance upon this data. This information is furnished without warranty, expressed or implied, except that it is accurate to the best knowledge of Cartel Products.