



RelaDyne  
9395 Kenwood Rd, Suite 104  
Blue Ash, OH 45242  
888-830-3156  
www.reladyne.com

# SAFETY DATA SHEET

## 1. Identification

**Product identifier: DuraMAX High VOC Non-Chlorinated Brake Parts Cleaner BW3**

### Other means of identification

**Product number:** 95076NCBCHV  
**SDS Number:** 013

### Recommended use and restriction on use

**Recommended use:** Not available.

**Restrictions on use:** Not known.

**Emergency telephone number:** For emergency assistance Involving chemicals

Call INFOTRAC 800-535-5053

## 2. Hazard(s) identification

### Hazard classification

#### Physical hazards

Flammable liquids Category 2

#### Health hazards

Carcinogenicity Category 1A

**Environmental hazards** Acute hazards Category 3  
to the aquatic environment

### Label elements

#### Hazard symbol





**Signal word** Danger

**Hazard statement** Highly flammable liquid and vapor.  
May cause cancer.  
Harmful to aquatic life.

**Precautionary statement**

**Prevention** Keep away from heat/sparks/open flames/hot surfaces. No smoking. Keep container tightly closed. Ground/bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting/equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Wear protective gloves/protective clothing/eye protection/face protection. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required.

**Response** IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. If exposed or concerned: Get medical advice/attention. In case of fire: Use ... to extinguish.

**Storage** Store in well-ventilated place. Store locked up.

**Disposal** Dispose of contents/container to an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal.

**Other hazards which do not result in GHS classification** Static accumulating flammable liquid can become electrostatically charged even in bonded and grounded equipment. Sparks may ignite liquid and vapor. May cause flash fire or explosion.

### 3. Composition/information on ingredients

#### Mixtures

Chemical identity	Common name and synonyms	CAS number	Content in percent (%)*
Naphtha (petroleum), hydrotreated light		64742-49-0	>=80 - <=90%
Heptane		142-82-5	>=80 - <=90%
Ethanol		64-17-5	>=10 - <=15%
Isopropyl Alcohol		67-63-0	>=1 - <=5%
Methanol		67-56-1	>=0 - <=1%
Water		7732-18-5	>=0 - <=1%
Methyl Isobutyl Ketone		108-10-1	>=0 - <=1%

\* All concentrations are percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

### 4. First-aid measures

<b>Ingestion:</b>	Do NOT induce vomiting. Never give liquid to an unconscious person. Get medical attention immediately.
<b>Inhalation:</b>	Move to fresh air. If breathing is difficult, give oxygen. Perform artificial respiration if breathing has stopped.
<b>Skin contact:</b>	Immediately flush with plenty of water for at least 15 minutes while removing contaminated clothing and shoes.
<b>Eye contact:</b>	If in eyes, hold eyes open, flood with water for at least 15 minutes and see a doctor.
<b>Most important symptoms/effects, acute and delayed</b>	
<b>Symptoms:</b>	No data available.

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

**Treatment:** No data available.

### 5. Fire-fighting measures

<b>General fire hazards:</b>	No data available.
<b>Suitable (and unsuitable) extinguishing media</b>	
<b>Suitable extinguishing media:</b>	Use: Foam. Carbon dioxide or dry powder.



**Unsuitable extinguishing media:** No data available.

**Specific hazards arising from the chemical:** No data available.

**Special protective equipment and precautions for firefighters**

**Special fire fighting procedures:** No data available.

**Special protective equipment for fire-fighters:** No data available.

**6. Accidental release measures**

**Personal precautions, protective equipment and emergency procedures:** No data available.

**Methods and material for containment and cleaning up:** All equipment used when handling the product must be grounded. Eliminate sources of ignition. Absorb spillage with non-combustible, absorbent material. Dike for later disposal.

**7. Handling and storage**

**Precautions for safe handling:** Flammable/combustible - Keep away from oxidizers, heat and flames. Avoid contact with skin and eyes. Avoid breathing mists or vapors. Use only with adequate ventilation.

**Conditions for safe storage, including any incompatibilities:** No data available.



**8. Exposure controls/personal protection**

**Control parameters**

**Occupational exposure limits**

Chemical identity	Type	Exposure Limit values	Source
Heptane	TWA	400 ppm	US. ACGIH Threshold Limit Values (03 2013)
	STEL	500 ppm	US. ACGIH Threshold Limit Values (03 2013)
	REL	85 ppm      350 mg/m3	US. NIOSH: Pocket Guide to Chemical Hazards (2010)
	Ceil_Tim e	440 ppm      1,800 mg/m3	US. NIOSH: Pocket Guide to Chemical Hazards (2010)
	PEL	500 ppm      2,000 mg/m3	US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000) (02 2006)
	STEL	500 ppm      2,000 mg/m3	US. OSHA Table Z-1-A (29 CFR 1910.1000) (1989)
	TWA	400 ppm      1,600 mg/m3	US. OSHA Table Z-1-A (29 CFR 1910.1000) (1989)
	TWA	400 ppm      1,600 mg/m3	US. Tennessee. OELs. Occupational Exposure Limits, Table Z1A (06 2008)
	STEL	500 ppm      2,000 mg/m3	US. Tennessee. OELs. Occupational Exposure Limits, Table Z1A (06 2008)
	ST ESL	2,750 µg/m3	US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality) (02 2013)
	AN ESL	350 µg/m3	US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality) (02 2013)
	ST ESL	670 ppb	US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality) (02 2013)
	AN ESL	85 ppb	US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality) (02 2013)
	TWA PEL	400 ppm      1,600 mg/m3	US. California Code of Regulations, Title 8, Section 5155. Airborne



				Contaminants (02 2012)
	STEL	500 ppm	2,000 mg/m3	US. California Code of Regulations, Title 8, Section 5155. Airborne Contaminants (02 2012)
Ethanol	STEL	1,000 ppm		US. ACGIH Threshold Limit Values (03 2013)
	REL	1,000 ppm	1,900 mg/m3	US. NIOSH: Pocket Guide to Chemical Hazards (2010)
	PEL	1,000 ppm	1,900 mg/m3	US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000) (02 2006)
	TWA	1,000 ppm	1,900 mg/m3	US. OSHA Table Z-1-A (29 CFR 1910.1000) (1989)
	TWA	1,000 ppm	1,900 mg/m3	US. Tennessee. OELs. Occupational Exposure Limits, Table Z1A (06 2008)
	ST ESL		1,910 µg/m3	US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality) (02 2013)
	AN ESL		1,880 µg/m3	US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality) (02 2013)
	AN ESL		1,000 ppb	US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality) (02 2013)
	ST ESL		1,010 ppb	US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality) (02 2013)
	TWA PEL	1,000 ppm	1,900 mg/m3	US. California Code of Regulations, Title 8, Section 5155. Airborne Contaminants (02 2012)
Isopropyl Alcohol	TWA	200 ppm		US. ACGIH Threshold Limit Values (03 2013)
	STEL	400 ppm		US. ACGIH Threshold Limit Values (03 2013)
	REL	400 ppm	980 mg/m3	US. NIOSH: Pocket Guide to Chemical Hazards (2010)
	STEL	500 ppm	1,225 mg/m3	US. NIOSH: Pocket Guide to Chemical Hazards (2010)
	PEL	400 ppm	980	US. OSHA Table Z-1 Limits for Air



			mg/m3	Contaminants (29 CFR 1910.1000) (02 2006)
	STEL	500 ppm	1,225 mg/m3	US. OSHA Table Z-1-A (29 CFR 1910.1000) (1989)
	TWA	400 ppm	980 mg/m3	US. OSHA Table Z-1-A (29 CFR 1910.1000) (1989)
	STEL	500 ppm	1,225 mg/m3	US. Tennessee. OELs. Occupational Exposure Limits, Table Z1A (06 2008)
	TWA	400 ppm	980 mg/m3	US. Tennessee. OELs. Occupational Exposure Limits, Table Z1A (06 2008)
	ST ESL		4,920 µg/m3	US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality) (02 2013)
	AN ESL		492 µg/m3	US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality) (02 2013)
	ST ESL		2,000 ppb	US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality) (02 2013)
	AN ESL		200 ppb	US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality) (02 2013)
	TWA PEL	400 ppm	980 mg/m3	US. California Code of Regulations, Title 8, Section 5155. Airborne Contaminants (02 2012)
	STEL	500 ppm	1,225 mg/m3	US. California Code of Regulations, Title 8, Section 5155. Airborne Contaminants (02 2012)
Methanol	TWA	200 ppm		US. ACGIH Threshold Limit Values (03 2013)
	STEL	250 ppm		US. ACGIH Threshold Limit Values (03 2013)
	REL	200 ppm	260 mg/m3	US. NIOSH: Pocket Guide to Chemical Hazards (2010)
	STEL	250 ppm	325 mg/m3	US. NIOSH: Pocket Guide to Chemical Hazards (2010)
	PEL	200 ppm	260 mg/m3	US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000) (02 2006)



	TWA	200 ppm	260 mg/m <sup>3</sup>	US. OSHA Table Z-1-A (29 CFR 1910.1000) (1989)
	STEL	250 ppm	325 mg/m <sup>3</sup>	US. OSHA Table Z-1-A (29 CFR 1910.1000) (1989)
	TWA	200 ppm	260 mg/m <sup>3</sup>	US. Tennessee. OELs. Occupational Exposure Limits, Table Z1A (06 2008)
	STEL	250 ppm	325 mg/m <sup>3</sup>	US. Tennessee. OELs. Occupational Exposure Limits, Table Z1A (06 2008)
	ST ESL		2,620 µg/m <sup>3</sup>	US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality) (02 2013)
	ST ESL		2,000 ppb	US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality) (02 2013)
	AN ESL		262 µg/m <sup>3</sup>	US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality) (02 2013)
	AN ESL		200 ppb	US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality) (02 2013)
	Ceiling	1,000 ppm		US. California Code of Regulations, Title 8, Section 5155. Airborne Contaminants (02 2012)
	TWA PEL	200 ppm	260 mg/m <sup>3</sup>	US. California Code of Regulations, Title 8, Section 5155. Airborne Contaminants (02 2012)
	STEL	250 ppm	325 mg/m <sup>3</sup>	US. California Code of Regulations, Title 8, Section 5155. Airborne Contaminants (02 2012)
Methyl Isobutyl Ketone	TWA	20 ppm		US. ACGIH Threshold Limit Values (03 2013)
	STEL	75 ppm		US. ACGIH Threshold Limit Values (03 2013)
	REL	50 ppm	205 mg/m <sup>3</sup>	US. NIOSH: Pocket Guide to Chemical Hazards (2010)
	STEL	75 ppm	300 mg/m <sup>3</sup>	US. NIOSH: Pocket Guide to Chemical Hazards (2010)
	PEL	100 ppm	410 mg/m <sup>3</sup>	US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)





			(02 2006)
	TWA	50 ppm	205 mg/m3 US. OSHA Table Z-1-A (29 CFR 1910.1000) (1989)
	STEL	75 ppm	300 mg/m3 US. OSHA Table Z-1-A (29 CFR 1910.1000) (1989)
	TWA	50 ppm	205 mg/m3 US. Tennessee. OELs. Occupational Exposure Limits, Table Z1A (06 2008)
	STEL	75 ppm	300 mg/m3 US. Tennessee. OELs. Occupational Exposure Limits, Table Z1A (06 2008)
	AN ESL		82 µg/m3 US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality) (02 2013)
	ST ESL		700 µg/m3 US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality) (02 2013)
	ST ESL		170 ppb US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality) (02 2013)
	AN ESL		20 ppb US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality) (02 2013)
	TWA PEL	50 ppm	205 mg/m3 US. California Code of Regulations, Title 8, Section 5155. Airborne Contaminants (02 2012)
	STEL	75 ppm	300 mg/m3 US. California Code of Regulations, Title 8, Section 5155. Airborne Contaminants (02 2012)

**Biological limit values**

Chemical identity	Exposure Limit values	Source
Isopropyl Alcohol (acetone: Sampling time: End of shift at end of work week.)	40 mg/l (Urine)	ACGIH BEL (03 2013)
Methanol (methanol: Sampling time: End of shift.)	15 mg/l (Urine)	ACGIH BEL (03 2013)

**Appropriate engineering controls**

No data available.



**Individual protection measures, such as personal protective equipment**

**General information:** No data available.

**Eye/face protection:** No data available.

**Skin protection**

**Hand protection:** No data available.

**Other:** No data available.

**Respiratory protection:** No data available.

**Hygiene measures:** No data available.

**9. Physical and chemical properties**

**Physical state:** Liquid

**Form:** No data available.

**Color:** No data available.

**Odor:** No data available.

**Odor threshold:** No data available.

**pH:** No data available.

**Melting point/freezing point:** No data available.

**Initial boiling point and boiling range:** 93 - 99 °C

**Flash Point:** -9 °C **Evaporation**

**rate:** No data available.

**Flammability (solid, gas):** No data available.

**Upper/lower limit on flammability or explosive limits**

**Flammability limit - upper (%):** No data available.

**Flammability limit - lower (%):** No data available.

**Explosive limit - upper (%):** No data available.

**Explosive limit - lower (%):** No data available.

**Vapor pressure:** No data available.

**Vapor density:** No data available.

**Relative density:** No data available.

**Solubility(ies)**

**Solubility in water:** No data available.

**Solubility (other):** No data available.

**Partition coefficient (n-octanol/water):** No data available.



**Auto-ignition temperature:** No data available.  
**Decomposition temperature:** No data available.  
**Viscosity:** No data available.

**10. Stability and reactivity**

**Reactivity:** No data available.  
**Chemical stability:** No data available.  
**Possibility of hazardous reactions:** No data available.  
**Conditions to avoid:** No data available.  
**Incompatible materials:** No data available.  
**Hazardous decomposition products:** No data available.

**11. Toxicological information**

**Symptoms related to the physical, chemical and toxicological characteristics**

**Ingestion:** No data available.  
**Inhalation:** No data available.  
**Skin contact:** No data available.  
**Eye contact:** No data available.

**Information on toxicological effects**

**Acute toxicity (list all possible routes of exposure)**

**Oral**

**Product:** ATEmix ( ): 14,886.525509 mg/kg

**Dermal**

**Product:** ATEmix ( ): 2,222.222222 mg/kg

**Inhalation**

**Product:** No data available.

**Specified substance(s):**

Naphtha (petroleum), hydrotreated light LC 50 (Rat, ): > 5,200 mg/m<sup>3</sup> (, Yes) 1 (reliable without restriction) LC 50 (Rat, ): > 5,260 mg/m<sup>3</sup> (, Yes) 1 (reliable without restriction) LC 50 (Rat, ): > 5,000 mg/m<sup>3</sup> (, Yes) 2 (reliable with restrictions)

**Specified substance(s):**

Heptane LD 50 (Mouse, 2 h): 75 mg/l LC 50 (Rat, ): > 73.5 mg/l (, No) 2 (reliable with restrictions)

**Specified substance(s):**

Ethanol LC 50 (Mouse, 4 h): 39 mg/l LC 50 (Cat, ): 85.41 mg/l 2 (reliable with



restrictions) LC 50 (Rat, ): 130.7 mg/l (, No) 2 (reliable with restrictions) LC 50 (Mouse, ): > 38 mg/l 4 (not assignable) LC 50 (Rat, ): 54.8 mg/l (, No) 2 (reliable with restrictions)

**Specified substance(s):**

Methanol

LC 50 (Rat, 4 h): 64,000 mg/l LC 50 (Cat, 6 h): 43.68 mg/l LC 50 (Cat, 4.5 h): 85.41 mg/l LC 50 (Rat, 6 h): 87.5 mg/l LC 50 (Rat, ): > 115.9 mg/l (, No) 2 (reliable with restrictions)

**Repeated dose toxicity**

**Product:**

No data available.

**Skin corrosion/irritation**

**Product:**

No data available.

**Serious eye damage/eye irritation**

**Product:**

No data available.

**Specified substance(s):**

Methyl Isobutyl Ketone

Vapor was irritating to the eyes at 200 ppm.

**Respiratory or skin sensitization**

**Product:**

No data available.

**Carcinogenicity**

**Product:**

No data available.

**IARC Monographs on the Evaluation of Carcinogenic Risks to Humans:**

Ethanol

Overall evaluation: 1. Carcinogenic to humans. Overall evaluation: 1. Carcinogenic to humans.

Isopropyl Alcohol

Overall evaluation: 1. Carcinogenic to humans. Overall evaluation: 3. Not classifiable as to carcinogenicity to humans.

Methyl Isobutyl Ketone

Overall evaluation: 2B. Possibly carcinogenic to humans.

**US. National Toxicology Program (NTP) Report on Carcinogens:**

Ethanol

Known To Be Human Carcinogen.

**US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050):**

No carcinogenic components identified

**Germ cell mutagenicity**

**In vitro**

**Product:**

No data available.

**In vivo**

**Product:**

No data available.

**Reproductive toxicity**



<b>Product:</b>	No data available.
<b>Specific target organ toxicity - single exposure</b>	
<b>Product:</b>	No data available.
<b>Specific target organ toxicity - repeated exposure</b>	
<b>Product:</b>	No data available.
<b>Aspiration hazard</b>	
<b>Product:</b>	No data available.
<b>Other effects:</b>	No data available.

## 12. Ecological information

### Ecotoxicity:

#### Acute hazards to the aquatic environment:

##### Fish

**Product:** No data available.

##### Specified substance(s):

Ethanol LC 50 (Fathead minnow (*Pimephales promelas*), 1 h): > 18,000 mg/l Mortality LC 50 (Zebra danio (*Danio rerio*), 2 h): > 100 mg/l Mortality LC 50 (Zebra danio (*Danio rerio*), 2 h): > 100 mg/l Mortality LC 50 (Rainbow trout, donaldson trout (*Oncorhynchus mykiss*), 4 d): 42 mg/l Mortality LC 50 (Zebra danio (*Danio rerio*), 4 h): > 100 mg/l Mortality

Methanol LC 50 (Bluegill (*Lepomis macrochirus*), 24 h): 17,400 - 21,000 mg/l Mortality LC 50 (Rainbow trout, donaldson trout (*Oncorhynchus mykiss*), 24 h): 19,800 - 20,700 mg/l Mortality LC 50 (Fathead minnow (*Pimephales promelas*), 24 h): 29,000 - 30,500 mg/l Mortality LC 50 (Medaka, high-eyes (*Oryzias latipes*), 24 h): > 10,000 mg/l Mortality LC 50 (Medaka, high-eyes (*Oryzias latipes*), 48 h): 1,400 mg/l Mortality

Methyl Isobutyl Ketone LC 50 (Carp (*Leuciscus idus melanotus*), 48 h): 672 mg/l Mortality LC 50 (Carp (*Leuciscus idus melanotus*), 48 h): 744 mg/l Mortality

##### Aquatic invertebrates

**Product:** No data available.

##### Specified substance(s):

Ethanol EC 50 (Water flea (*Daphnia magna*), 2 h): > 100 mg/l Intoxication EC 50 (Water flea (*Daphnia magna*), 4 h): > 100 mg/l Intoxication EC 50 (Water flea (*Daphnia magna*), 6 h): > 100 mg/l Intoxication EC 50 (Water flea (*Daphnia obtusa*), 24 h): 12,300 - 13,400 mg/l Intoxication EC 50 (Water flea (*Daphnia magna*), 24 h): > 1.58 mg/l Intoxication



Isopropyl Alcohol	LC 50 (Brine shrimp (Artemia salina), 24 h): > 10,000 mg/l Mortality LC 50 (Water flea (Daphnia magna), 24 h): > 10,000 mg/l Mortality LC 50 (Common shrimp, sand shrimp (Crangon crangon), 48 h): 900 - 1,950 mg/l Mortality LC 50 (Common shrimp, sand shrimp (Crangon crangon), 96 h): 750 - 1,650 mg/l Mortality
Methanol	EC 50 (Water flea (Daphnia obtusa), 24 h): 22,800 - 24,400 mg/l Intoxication EC 50 (Water flea (Daphnia magna), 24 h): > 10,000 mg/l Intoxication EC 50 (Water flea (Daphnia obtusa), 48 h): 21,100 - 23,400 mg/l Intoxication EC 50 (Water flea (Daphnia magna), 48 h): 20,450 - 29,350 mg/l Intoxication EC 50 (Water flea (Daphnia magna), 48 h): > 10,000 mg/l Intoxication
Methyl Isobutyl Ketone	EC 50 (Water flea (Daphnia magna), 24 h): 3,682 mg/l Intoxication LC 50 (Brine shrimp (Artemia salina), 24 h): 1,230 mg/l Mortality LC 50 (Water flea (Daphnia magna), 24 h): 4,280 mg/l Mortality

**Chronic hazards to the aquatic environment:**

**Fish**

**Product:** No data available.

**Aquatic invertebrates**

**Product:** No data available.

**Toxicity to Aquatic Plants**

**Product:** No data available.

**Persistence and degradability**

**Biodegradation**

**Product:** No data available.

**BOD/COD ratio**

**Product:** No data available.

**Bioaccumulative potential**

**Bioconcentration factor (BCF)**

**Product:** No data available.

**Specified substance(s):**

Methanol Green algae (Chlorella fusca vacuolata), Bioconcentration factor (BCF): 28,400 (Static)

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

**Product:** No data available.

**Specified substance(s):**

Heptane Log Kow: 4.66

Ethanol Log Kow: -0.31



Isopropyl Alcohol                      Log Kow: 0.05

Methanol                                      Log Kow: -0.77

Methyl Isobutyl Ketone                      Log Kow: 1.31

**Mobility in soil:**                                      No data available.

**Known or predicted distribution to environmental compartments**

Naphtha (petroleum),  
hydrotreated light                      No data available.

Heptane                                      No data available.

Ethanol                                      No data available.

Propan-2-ol                                      No data available.

Methanol                                      No data available.

Water                                      No data available.

4-Methylpentan-2-one                      No data available.

**Known or predicted distribution to environmental compartments**

Naphtha (petroleum),  
hydrotreated light                      No data available.

**13. Disposal considerations**

**Disposal instructions:**                      No data available.

**Contaminated packaging:**                      No data available.

**14. Transport information**

**DOT**

UN number:                                      UN 1993  
 UN proper shipping name:                      Flammable liquids, n.o.s.(Heptane, Ethanol)  
 Transport hazard class(es)  
     Class:                                      3  
     Label(s):                                      3  
 Packing group:                                      II  
 Marine Pollutant:                                      Not regulated.  
 Special precautions for user:                      -

**15. Regulatory information**



**US federal regulations US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)**

None present or none present in regulated quantities.

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

Heptane	Reportable quantity: 100 lbs.
Ethanol	Reportable quantity: 100 lbs.
Methanol	Reportable quantity: 5000 lbs.
Methyl Isobutyl Ketone	Reportable quantity: 5000 lbs.

**Superfund amendments and reauthorization act of 1986 (SARA)**

**Hazard categories**

Not listed.

**SARA 302 Extremely hazardous substance**

None present or none present in regulated quantities.

**SARA 304 Emergency release notification**

<u>Chemical identity</u>	<u>RQ</u>
Heptane	100 lbs.
Ethanol	100 lbs.
Isopropyl Alcohol	
Methanol	5000 lbs.
Methyl Isobutyl Ketone	5000 lbs.

**SARA 311/312 Hazardous chemical**

<u>Chemical identity</u>	<u>Threshold Planning Quantity</u>
Heptane	500 lbs
Ethanol	500 lbs
Isopropyl Alcohol	500 lbs
Methanol	500 lbs
Methyl Isobutyl Ketone	500 lbs

**SARA 313 (TRI reporting)**

<u>Chemical identity</u>	<u>Reporting threshold for other users</u>	<u>Reporting threshold for manufacturing and processing</u>
Methanol	10000 lbs	25000 lbs.
Methyl Isobutyl Ketone	10000 lbs	25000 lbs.

**Clean Water Act Section 311 Hazardous Substances (40 CFR 117.3)**

None present or none present in regulated quantities.

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

None present or none present in regulated quantities.

**US state regulations**

**US. California Proposition 65**

WARNING: This product contains a chemical known to the State of California to cause cancer and birth defects or other reproductive harm.





Ethanol Carcinogenic.  
Ethanol Carcinogenic.  
Ethanol Developmental toxin.  
Methanol Developmental toxin.  
Methyl Isobutyl Ketone Carcinogenic.

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

Heptane Listed  
Ethanol Listed

**US. Massachusetts RTK - Substance List**

Heptane Listed  
Ethanol Listed

**US. Pennsylvania RTK - Hazardous Substances**

Heptane Listed  
Ethanol Listed

**US. Rhode Island RTK**

No ingredient regulated by RI Right-to-Know Law present.



<b>Inventory Status:</b> Australia AICS:	Not in compliance with the inventory.
Canada DSL Inventory List:	Not in compliance with the inventory.
EU EINECS List:	Not in compliance with the inventory.
EU ELINCS List:	Not in compliance with the inventory.
Japan (ENCS) List:	Not in compliance with the inventory.
EU No Longer Polymers List:	Not in compliance with the inventory.
China Inv. Existing Chemical Substances:	Not in compliance with the inventory.
Korea Existing Chemicals Inv. (KECI):	Not in compliance with the inventory.
Canada NDSL Inventory:	Not in compliance with the inventory.
Philippines PICCS:	Not in compliance with the inventory.
US TSCA Inventory:	Not in compliance with the inventory.
New Zealand Inventory of Chemicals:	Not in compliance with the inventory.
Japan ISHL Listing:	Not in compliance with the inventory.
Japan Pharmacopoeia Listing:	Not in compliance with the inventory.

**16. Other information, including date of preparation or last revision**

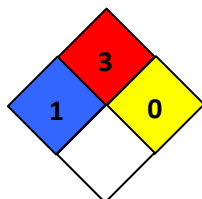
**HMIS Hazard ID**

<b>Health</b>	*	2
<b>Flammability</b>	3	
<b>Physical hazards</b>	0	
<b>PERSONAL PROTECTION</b>		K

K - Hood, Gloves, Protective Suit & Boots

Hazard rating: 0 - Minimal; 1 - Slight; 2 - Moderate; 3 - Serious; 4 - Severe; \*Chronic health effect

**NFPA Hazard ID**



	Flammability
	Health
	Reactivity
	Special hazard.

Hazard rating: 0 - Minimal; 1 - Slight; 2 - Moderate; 3 - Serious; 4 - Severe

<b>Issue date:</b>	04/30/2015
<b>Revision date:</b>	No data available.
<b>Version #:</b>	1.0
<b>Further information:</b>	No data available