### **EMERGENCY CONTACT**

1-800-255-3924

revision date JAN 2024



4011 Hyde Park Blvd. P. O. Box 1075 Niagara Falls, NY 14302-1075 Telephone: (716) 282-6950 Fax: (716) 282-6971

Fax: (/16) 282-69/1 www.metlabcorp.com

### 1. IDENTIFICATION

**Product identifier:** Diamond Extender Blue Lube

### 2. HAZARD(S) IDENTIFICATION

#### **Hazard classification**

**Physical hazards** 

Flammable liquids Category 2

**Health hazards** 

Carcinogenicity Category 1A

**Environmental hazards** 

Acute hazards to the aquatic environment Category 2

#### Label elements

Signal word Danger

### **Hazard symbol**



**Hazard statement** Poison: Vapor harmful; May be fatal or cause blindness if swallowed;

Cannot be made nonpoisonous. Highly flammable liquid and vapor.

Aspiration hazard if swallowed - can enter lungs and cause damage.

Causes skin irritation.
Causes serious eye irritation.

May cause cancer. Toxic 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  $% \left( 1\right) =\left( 1\right) \left( 1\right)$ 

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.

#### **EMERGENCY CONTACT**

1-800-255-3924



4011 Hyde Park Blvd. P. O. Box 1075 Niagara Falls, NY 14302-1075 Telephone: (716) 282-6950 Fax: (716) 282-6971

www.metlabcorp.com

#### revision date JAN 2024

**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 a closed container. 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 (%)*
Ethanol		64-17-5	>=85 - <=100%
Methanol		67-56-1	>=0 - <=5%
Ethyl acetate		141-78-6	>=0 - <=2%
Methyl Isobutyl Ketone		108-10-1	>=0 - <=2%
Heptane		142-82-5	>=0 - <=2%

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

**Composition comments:** The components are not hazardous or are below required disclosure limits.

### 4. FIRST-AID MEASURES

**Ingestion:** Do NOT induce vomiting. Never give liquid to an unconscious person. Get

medical attention immediately.

**Inhalation:** Move to fresh air. If breathing is difficult, give oxygen. Perform artificial

respiration if breathing has stopped.

**Skin contact:** Immediately flush with plenty of water for at least 15 minutes while

removing contaminated clothing and shoes.

**Eye contact:** If in eyes, hold eyes open, flood with water for at least 15 minutes and see a

doctor.

Most important symptoms/effects, acute and delayed Symptoms: No data available.

Indication of immediate medical attention and special treatment needed

**Treatment:** No data available.

#### **EMERGENCY CONTACT**

1-800-255-3924



4011 Hyde Park Blvd. P. O. Box 1075 Niagara Falls, NY 14302-1075 Telephone: (716) 282-6950 Fax: (716) 282-6971

www.metlabcorp.com

#### revision date JAN 2024

### 5. FIRE-FIGHTING MEASURES

**General fire hazards:** No data available.

Suitable (and unsuitable) extinguishing media

**Suitable extinguishing media:** Use: Powder, alcohol-resistant foam, water in large amounts, carbon dioxide.

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. Use

only with adequate ventilation. Avoid breathing mists or vapors. Avoid contact with skin and eyes. Store away from incompatible materials.

Conditions for safe storage,

including any incompatibilities: No data available.

### **8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

### **Control parameters**

### Occupational exposure limits

Chemical identity	Туре	Exposure Limit values		Source
Ethanol	STEL	1,000 ppm		US. ACGIH Threshold Limit Values (03
				2013)
	REL	1,000 ppm	1,900	US. NIOSH: Pocket Guide to Chemical
			mg/m3	Hazards (2010)

### **EMERGENCY CONTACT**

1-800-255-3924



4011 Hyde Park Blvd. P. O. Box 1075 Niagara Falls, NY 14302-1075 Telephone: (716) 282-6950 Fax: (716) 282-6971

www.metlabcorp.com

	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)
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)
	REL	250 ppm	325 mg/m3	US. NIOSH: Pocket Guide to Chemical

### **EMERGENCY CONTACT**

1-800-255-3924



4011 Hyde Park Blvd. P. O. Box 1075 Niagara Falls, NY 14302-1075 Telephone: (716) 282-6950 Fax: (716) 282-6971

www.metlabcorp.com

PEL	200 ppm	260	US. OSHA Table Z-1 Limits for
		mg/m3	Air Contaminants (29 CFR 1910.1000)
TWA	200 ppm	260	US. OSHA Table Z-1-A (29
1007	200 pp		CFR 1910.1000) (1989)
STFI	250 ppm		US. OSHA Table Z-1-A (29
			CFR 1910.1000) (1989)
TWA	200 ppm	260	US. Tennessee. OELs. Occupational
		mg/m3	Exposure Limits, Table Z1A (06
STEL	250 ppm	325	US. Tennessee. OELs. Occupational
		mg/m3	Exposure Limits, Table Z1A (06
ST ESL		2,620	US. Texas. Effects Screening Levels
		μg/m3	(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	US. Texas. Effects Screening Levels
		μg/m3	(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
TWA PEL	200 ppm	260	US. California Code of
		mg/m3	Regulations, Title 8, Section 5155.
			Airborne
STEL	250 ppm	325	US. California Code of
		mg/m3	Regulations, Title 8, Section 5155.
			Airborne
TWA	400 ppm		US. ACGIH Threshold Limit Values
			(03 2013)
REL	400 ppm	-	US. NIOSH: Pocket Guide to
			Chemical Hazards (2010)
PEL	400 ppm	-	US. OSHA Table Z-1 Limits for Air
		mg/m3	Contaminants (29 CFR
			1910.1000)
	TWA  STEL  TWA  STEL  ST ESL  AN ESL  Ceiling  TWA PEL  STEL	TWA 200 ppm  STEL 250 ppm  TWA 200 ppm  STEL 250 ppm  STEL 250 ppm  ST ESL  AN ESL  AN ESL  Ceiling 1,000 ppm  TWA PEL 200 ppm  TWA PEL 250 ppm  TWA PEL 400 ppm  REL 400 ppm	TWA         200 ppm         260 mg/m3           STEL         250 ppm         325 mg/m3           TWA         200 ppm         260 mg/m3           STEL         250 ppm         325 mg/m3           ST ESL         2,620 pg/m3           ST ESL         2,000 ppb           AN ESL         262 μg/m3           AN ESL         200 ppb           Ceiling         1,000 ppm           TWA PEL         200 ppm         260 mg/m3           STEL         250 ppm         325 mg/m3           TWA         400 ppm         1,400 mg/m3

			(02 2006)
TWA	400 ppm	1,400	US. OSHA Table Z-1-A (29
		mg/m3	CFR 1910.1000) (1989)
TWA	400 ppm	1,400	US. Tennessee. OELs. Occupational
		mg/m3	Exposure Limits, Table Z1A (06

### **EMERGENCY CONTACT**

1-800-255-3924



4011 Hyde Park Blvd. P. O. Box 1075 Niagara Falls, NY 14302-1075 Telephone: (716) 282-6950 Fax: (716) 282-6971

www.metlabcorp.com

	ST ESL		1,400	US. Texas. Effects Screening Levels
			μg/m3	(Texas Commission on
			, 0,	Environmental Quality) (02 2013)
	AN ESL		1,440	US. Texas. Effects Screening Levels
			μg/m3	(Texas Commission on
			, 0	Environmental Quality) (02 2013)
	ST ESL		390 ppb	US. Texas. Effects Screening Levels
			• • • • • • • • • • • • • • • • • • • •	(Texas Commission on
				Environmental Quality) (02 2013)
	AN ESL		400 ppb	US. Texas. Effects Screening Levels
			• • • • • • • • • • • • • • • • • • • •	(Texas Commission on
				Environmental Quality) (02 2013)
	TWA PEL	400 ppm	1,400	US. California Code of
			mg/m3	Regulations, Title 8, Section 5155.
			_	Airborne
Methyl Isobutyl Ketone	TWA	20 p	pm	US. ACGIH Threshold Limit Values
				(03 2013)
	STEL	75 p	pm	US. ACGIH Threshold Limit Values
				(03 2013)
	REL	50 ppm	205	US. NIOSH: Pocket Guide to
			mg/m3	Chemical Hazards (2010)
	STEL	75 ppm	300	US. NIOSH: Pocket Guide to
			mg/m3	Chemical Hazards (2010)
	PEL	100 ppm	410	US. OSHA Table Z-1 Limits for
			mg/m3	Air Contaminants (29 CFR
				1910.1000)
	TWA	50 ppm	205	US. OSHA Table Z-1-A (29
			mg/m3	CFR 1910.1000) (1989)
	STEL	75 ppm	300	US. OSHA Table Z-1-A (29
			mg/m3	CFR 1910.1000) (1989)
	TWA	50 ppm	205	US. Tennessee. OELs. Occupational
			mg/m3	Exposure Limits, Table Z1A (06
				2008)
	STEL	75 ppm	300	US. Tennessee. OELs. Occupational
			mg/m3	Exposure Limits, Table Z1A (06

A	AN ESL	82 μg/m3	US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality) (02 2013)
S	ST ESL	700	US. Texas. Effects Screening Levels
		μg/m3	(Texas Commission on Environmental
			Quality) (02 2013)

### **EMERGENCY CONTACT**

1-800-255-3924



4011 Hyde Park Blvd. P. O. Box 1075 Niagara Falls, NY 14302-1075 Telephone: (716) 282-6950 Fax: (716) 282-6971

www.metlabcorp.com

	CT ECL		470	LIC Taylor Effects Consening Layela
	ST ESL	31 E3L 170 ppt	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	US. California Code of Regulations,
			mg/m3	Title 8, Section 5155. Airborne
				Contaminants (02 2012)
	STEL	75 ppm	300	US. California Code of Regulations,
			mg/m3	Title 8, Section 5155. Airborne
			<i>G.</i>	Contaminants (02 2012)
Heptane	TWA	400 pp	m	US. ACGIH Threshold Limit Values (03
•				2013)
STEL  REL  Ceil_Tim e	STEL	500 pp	m	US. ACGIH Threshold Limit Values (03
				2013)
	REL	85 ppm	350	US. NIOSH: Pocket Guide to Chemical
			mg/m3	Hazards (2010)
	Ceil_Tim	440 ppm	1,800	US. NIOSH: Pocket Guide to Chemical
	е		mg/m3	Hazards (2010)
	PEL	500 ppm	2,000	US. OSHA Table Z-1 Limits for Air
			mg/m3	Contaminants (29 CFR 1910.1000)
				(02 2006)
	STEL	500 ppm	2,000	US. OSHA Table Z-1-A (29 CFR
			mg/m3	1910.1000) (1989)
	TWA	400 ppm	1,600	US. OSHA Table Z-1-A (29 CFR
			mg/m3	1910.1000) (1989)
	TWA	400 ppm	1,600	US. Tennessee. OELs. Occupational
			mg/m3	Exposure Limits, Table Z1A (06 2008)
	STEL	500 ppm	2,000	US. Tennessee. OELs. Occupational
			mg/m3	Exposure Limits, Table Z1A (06 2008)
	ST ESL		2,750	US. Texas. Effects Screening Levels
			μg/m3	(Texas Commission on Environmental

		Quality) (02 2013)
AN ESL	350	US. Texas. Effects Screening Levels
	μg/m3	(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)

### **EMERGENCY CONTACT**

1-800-255-3924



4011 Hyde Park Blvd. P. O. Box 1075 Niagara Falls, NY 14302-1075 Telephone: (716) 282-6950 Fax: (716) 282-6971

www.metlabcorp.com

### revision date JAN 2024

TWA PEL	400 ppm 1,600	US. California Code of Regulations,
	mg/m3	Title 8, Section 5155. Airborne
		Contaminants (02 2012)
STEL	500 ppm 2,000	US. California Code of Regulations,
	mg/m3	Title 8, Section 5155. Airborne
		Contaminants (02 2012)

### **Biological limit values**

Chemical identity	Exposure Limit values	Source
Methanol (methanol:	15 mg/l (Urine)	ACGIH BEL (03 2013)
Sampling time: End of		
shift.)		

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:
Other:
No data available.
No data available.
Respiratory protection:
No data available.
Hygiene measures:
No data available.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state: Liquid

Form:
Color:
No data available.
No data available.
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: 63 - 117 °C

Flash Point: -6 °C

Evaporation rate: No data available.
Flammability (solid, gas): No data available.

Upper/lower limit on flammability or explosive limits

Flammability limit - upper (%):

Flammability limit - lower (%):

Explosive limit - upper (%):

No data available.

No data available.

No data available.

Vapor pressure:

No data available.

Vapor density:

No data available.

#### **EMERGENCY CONTACT**

1-800-255-3924



4011 Hyde Park Blvd. P. O. Box 1075 Niagara Falls, NY 14302-1075 Telephone: (716) 282-6950 Fax: (716) 282-6971

www.metlabcorp.com

#### revision date JAN 2024

Relative density: No data available.

Solubility(ies)

Solubility in water:

Solubility (other):

No data available.

Partition coefficient (n-octanol/water):

No data available.

No data available.

No data available.

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 (): 3,176.057585 mg/kg

Dermal

**Product:** ATEmix (): 100,000.000005 mg/kg

Inhalation

**Product:** No data available.

**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)

Specified substance(s):

Ethyl acetate LD 50 (Mouse, 4 h): 1,500 mg/l

**Specified substance(s):** 

### **EMERGENCY CONTACT**

1-800-255-3924



4011 Hyde Park Blvd. P. O. Box 1075 Niagara Falls, NY 14302-1075 Telephone: (716) 282-6950 Fax: (716) 282-6971

www.metlabcorp.com

### revision date JAN 2024

Heptane LD 50 (Mouse, 2 h): 75 mg/l LC 50 (Rat, ): > 73.5 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.

Methyl Isobutyl Overall evaluation: 2B. Possibly carcinogenic to humans.

Ketone

**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

**Product:** No data available.

**Specific target organ toxicity - single exposure Product:**No data available. **Specific target organ toxicity - repeated exposure Product:**No data available.

**Aspiration hazard** 

Product:

Other effects:

No data available.

No data available.

### **12. ECOLOGICAL INFORMATION**

**Ecotoxicity:** 

Acute hazards to the aquatic environment:

Fish

**Product:** No data available.

#### **EMERGENCY CONTACT**

1-800-255-3924



4011 Hyde Park Blvd. P. O. Box 1075 Niagara Falls, NY 14302-1075 Telephone: (716) 282-6950 Fax: (716) 282-6971

www.metlabcorp.com

### revision date JAN 2024

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

Ethyl acetate LC 50 (Indian catfish (Heteropneustes fossilis), 72 h): 212.94 - 237.73 mg/l

Mortality LC 50 (Indian catfish (Heteropneustes fossilis), 96 h): 200.32 -

225.42 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

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.

#### **EMERGENCY CONTACT**

1-800-255-3924



4011 Hyde Park Blvd. P. O. Box 1075 Niagara Falls, NY 14302-1075 Telephone: (716) 282-6950 Fax: (716) 282-6971

www.metlabcorp.com

### revision date JAN 2024

### Bioaccumulative potential Bioconcentration factor (BCF)

**Product:** No data available.

**Specified substance(s):** 

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

(Static)

Ethyl acetate Green algae (Chlorella fusca vacuolata), Bioconcentration factor (BCF): 13,500

(Static)

Partition coefficient n-octanol / water (log Kow)
Product:
No data available.

Specified substance(s):

Ethanol Log Kow: -0.31

Methanol Log Kow: -0.77

Ethyl acetate Log Kow: 0.73

Methyl Isobutyl Ketone Log Kow: 1.31

Heptane Log Kow: 4.66

Mobility in soil: No data available.

#### Known or predicted distribution to environmental compartments

Ethanol No data available.

Methanol No data available.

Ethyl acetate No data available.

4-Methylpentan-2-one No data available.

Heptane No data available.

### 13. DISPOSAL CONSIDERATIONS

**Disposal instructions:**No data available. **Contaminated packaging:**No data available.

### 14. TRANSPORT INFORMATION

DOT

UN number: UN 1170

UN proper shipping name: Ethanol solutions

Transport hazard class(es)

Class: 3
Label(s): 3
Packing group: II

Marine Pollutant: Not regulated.

Special precautions for user:

### **EMERGENCY CONTACT**

1-800-255-3924

revision date JAN 2024



4011 Hyde Park Blvd. P. O. Box 1075 Niagara Falls, NY 14302-1075 Telephone: (716) 282-6950 Fax: (716) 282-6971

www.metlabcorp.com

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):** 

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

Chemical identity	RQ
Methanol	5000 lbs.
Ethyl acetate	5000 lbs.
Methyl Isobutyl Ketone	5000 lbs.
Heptane	100 lbs.

### SARA 311/312 Hazardous chemical

Chemical identity	Threshold Planning Quantity
Ethanol	500 lbs
Methanol	500 lbs
Ethyl acetate	500 lbs
Methyl Isobutyl Ketone	500 lbs
Heptane 500 lbs	
SARA 313 (TRI reporting)	

### **EMERGENCY CONTACT**

1-800-255-3924

**ID# MIS7523877** 



4011 Hyde Park Blvd. P. O. Box 1075 Niagara Falls, NY 14302-1075 Telephone: (716) 282-6950 Fax: (716) 282-6971

www.metlabcorp.com

Chemical identity Reporting threshold for other users Reporting threshold for manufacturing and

processing

 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 Developmental toxin.

Methanol Developmental toxin.

Methyl Isobutyl Ketone Carcinogenic.

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

Ethanol Listed
Methanol Listed
Ethyl acetate Listed
Methyl Isobutyl Ketone Listed
Heptane Listed

US. Massachusetts RTK - Substance List

Ethanol Listed
Methanol Listed
Ethyl acetate Listed
Methyl Isobutyl Ketone Listed
Heptane Listed

US. Pennsylvania RTK - Hazardous Substances

Ethanol Listed
Methanol Listed
Ethyl acetate Listed
Methyl Isobutyl Ketone Listed
Heptane Listed

US. Rhode Island RTK

Methanol Listed
Ethyl acetate Listed
Methyl Isobutyl Ketone Listed

### **EMERGENCY CONTACT**

1-800-255-3924



4011 Hyde Park Blvd. P. O. Box 1075 Niagara Falls, NY 14302-1075 Telephone: (716) 282-6950 Fax: (716) 282-6971 www.metlabcorp.com

### **ID# MIS7523877**

**Inventory Status:** 

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. Not in compliance with the inventory. **EU ELINCS List:** 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: On or 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

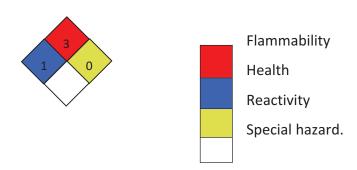
### **HMIS Hazard ID**



K - Hood, Gloves, Protective Suit & Boots

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

#### **NFPA Hazard ID**



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

**EMERGENCY CONTACT** 

1-800-255-3924

**ID# MIS7523877** 



4011 Hyde Park Blvd. P. O. Box 1075 Niagara Falls, NY 14302-1075 Telephone: (716) 282-6950 Fax: (716) 282-6971

www.metlabcorp.com

### **Notice**

Metlab Corp expressly disclaims all express or implied warranties of merchantability and fitness for a particular purpose, with respect to the product or information provided herein, and shall under no circumstances be liable for incidental or consequential damages.