

# Safety Data Sheet

Issue Date: 01-Dec-2012	Revision Date: 10-Dec-2014		Version 1
	1. IDENTIFICATION		
Product Identifier			
Product Name	BIO DEE-ZOL		
Other means of identification SDS #	BELL-034		
UN/ID No	UN1268		
Recommended use of the chemica Recommended Use	l and restrictions on use Fuel additive.		
Details of the supplier of the safety Supplier Address Bell Performance Inc 1340 Bennett Drive Longwood, FL 32750	<u>data sheet</u>		
Emergency Telephone Number Company Phone Number Emergency Telephone (24 hr)	407-831-5021 INFOTRAC 1-352-323-3500 (International) 1-800-535-5053 (North America)		
	2. HAZARDS IDENTIFICATION		
Appearance Very dark brown liquid	Physical State Liquid		Odor Solvent
<u>Classification</u>			
Acute toxicity - Inhalation (Dusts/Mist	s)	Category 4	
Germ cell mutagenicity	5,	Category 1B	
Carcinogenicity		Category 1A	
Aspiration toxicity		Category 1	
Flammahla Liquida		Category 3	
Flammable Liquids		Calegory 5	
Hazards Not Otherwise Classified ( Causes mild skin irritation	(HNOC)		
	(HNOC)		



## **Precautionary Statements - Prevention**

Obtain special instructions before use Do not handle until all safety precautions have been read and understood Use personal protective equipment as required Avoid breathing dust/fume/gas/mist/vapors/spray Use only outdoors or in a well-ventilated area Keep away from heat/sparks/open flames/hot surfaces. — No smoking Keep container tightly closed Ground/bond container and receiving equipment Use explosion-proof equipment Use only non-sparking tools Take precautionary measures against static discharge

#### **Precautionary Statements - Response**

If exposed or concerned: Get medical advice/attention IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician Do not induce vomiting IN CASE OF FIRE: Use CO2, dry chemical, or foam for extinction

## Precautionary Statements - Storage

Store locked up Store in a well-ventilated place. Keep cool

#### Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant

#### Other Hazards

Toxic to aquatic life with long lasting effects

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No	Weight-%
Mineral Spirits	8052-41-3	Proprietary
2-Ethylhexyl Nitrate	27247-96-7	Proprietary
Naphthalene	91-20-3	Proprietary
Naphtha (petroleum), heavy aromatic	64742-94-5	Proprietary
1,2,4 Trimethylbenzene	95-63-6	Proprietary
Distillates, petroleum, solvent refined heavy paraffinic	64741-88-4	Proprietary
Xylene	1330-20-7	Proprietary
Ethylbenzene	100-41-4	Proprietary

\*\*If Chemical Name/CAS No is "proprietary" and/or Weight-% is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret.\*\*

## **4. FIRST-AID MEASURES**

#### First Aid Measures

Eye Contact	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison center or doctor/physician.
Skin Contact	Wash off immediately with plenty of water for at least 15 minutes. Remove contaminated clothing and shoes. Seek medical attention if irritation develops.
Inhalation	Remove to fresh air. If breathing is difficult, give oxygen. If breathing has stopped, give artificial respiration. Get medical attention immediately.
Ingestion	Do not induce vomiting. Rinse mouth. Immediately call a poison center or doctor/physician.
Most important symptoms and effe	<u>cts</u>
Symptoms	May cause red blood cell hemolysis and possible liver and kidney injury if sufficient quantities of concentrate are swallowed. Direct contact with eyes will cause irritation. May cause skin irritation. May cause respiratory irritation. Ingestion can cause irritation, nausea, or stomach distress. May aggravate pre-existing skin conditions. May aggravate pre-existing liver and kidney disorders.
Indication of any immediate medica	al attention and special treatment needed
Notes to Physician	Treat symptomatically.

# 5. FIRE-FIGHTING MEASURES

#### Suitable Extinguishing Media

Carbon dioxide (CO2). Dry chemical. Foam.

Unsuitable Extinguishing Media Water may be ineffective, but can be used to protect firefighters and cool containers.

#### Specific Hazards Arising from the Chemical

Flammable liquid and vapor. Vapors are heavier than air and may accumulate in low areas or areas inadequately ventilated. Vapors may also travel along the ground to be ignited at location distant from handling site; flashback of flame to handling site may occur. Never use welding or cutting torch on or near drum (even empty), because product (even just residue) can ignite explosively.

**Hazardous Combustion Products** Carbon monoxide. Carbon dioxide (CO2). Smoke. Aldehydes. Reactive hydrocarbons. Organic compounds.

Sensitivity to Static Discharge Take precautionary measures against static discharge.

## Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

## 6. ACCIDENTAL RELEASE MEASURES

#### Personal precautions, protective equipment and emergency procedures

Personal Precautions	Remove all sources of ignition. Observe all personal protection equipment recommendations described in Sections 5 & 8.
For Emergency Responders	Follow all fire fighting procedures in Section 5.

Environmental Precautions	Prevent from entering into soil, ditches, sewers, waterways and/or groundwater. See Section 12, Ecological Information. See Section 13: DISPOSAL CONSIDERATIONS.		
Methods and material for contain	ment and cleaning up		
Methods for Containment	Prevent further leakage or spillage if safe to do so.		
Methods for Clean-Up	Take up with sand or other non-combustible absorbent material and place into containers for later disposal. Use clean non-sparking tools to collect absorbed material.		
	7. HANDLING AND STORAGE		
Precautions for safe handling			
Advice on Safe Handling	Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Use personal protection recommended in Section 8. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Keep away from heat/sparks/open flames/hot surfaces. — No smoking. Use spark-proof tools and explosion-proof equipment. Ground/bond container and receiving equipment. Take precautionary measures against static discharges. Avoid breathing vapors or mists. Use only outdoors or in a well-ventilated area. Keep cool. Do not transfer to unmarked containers. Keep containers closed when not in use. Wash face, hands, and any exposed skin thoroughly after handling.		
Conditions for safe storage, inclu	ding any incompatibilities		
Storage Conditions	Keep container tightly closed and store in a cool, dry and well-ventilated place. Store away from ignition sources and incompatible materials. Store locked up. Protect from excessive heat. Keep out of the reach of children. Care should be taken to ensure product is not introduced to drinking water or foodstuffs.		

Incompatible Materials Strong oxidizing agents. Strong bases. Strong reducing agents. Do not mix with other chemicals.

# 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

## Exposure Guidelines

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Mineral Spirits 8052-41-3	TWA: 100 ppm	TWA: 500 ppm TWA: 2900 mg/m <sup>3</sup> (vacated) TWA: 100 ppm (vacated) TWA: 525 mg/m <sup>3</sup>	IDLH: 20000 mg/m <sup>3</sup> Ceiling: 1800 mg/m <sup>3</sup> 15 min TWA: 350 mg/m <sup>3</sup>
Naphthalene 91-20-3	STEL: 15 ppm TWA: 10 ppm S*	TWA: 10 ppm TWA: 50 mg/m <sup>3</sup> (vacated) TWA: 10 ppm (vacated) TWA: 50 mg/m <sup>3</sup> (vacated) STEL: 15 ppm (vacated) STEL: 75 mg/m <sup>3</sup>	IDLH: 250 ppm TWA: 10 ppm TWA: 50 mg/m <sup>3</sup> STEL: 15 ppm STEL: 75 mg/m <sup>3</sup>
1,2,4 Trimethylbenzene 95-63-6	-	-	TWA: 25 ppm TWA: 125 mg/m <sup>3</sup>
Xylene 1330-20-7	STEL: 150 ppm TWA: 100 ppm	TWA: 100 ppm TWA: 435 mg/m <sup>3</sup> (vacated) TWA: 100 ppm (vacated) TWA: 435 mg/m <sup>3</sup> (vacated) STEL: 150 ppm (vacated) STEL: 655 mg/m <sup>3</sup>	-
Ethylene Glycol Monobutyl Ether 111-76-2	TWA: 20 ppm	TWA: 50 ppm TWA: 240 mg/m <sup>3</sup> (vacated) TWA: 25 ppm (vacated) TWA: 120 mg/m <sup>3</sup> (vacated) S* S*	IDLH: 700 ppm TWA: 5 ppm TWA: 24 mg/m <sup>3</sup>

TWA: 100 ppm WA: 435 mg/m <sup>3</sup> tted) TWA: 100 ppm ed) TWA: 435 mg/m <sup>3</sup>	IDLH: 800 ppm TWA: 100 ppm TWA: 435 mg/m <sup>3</sup> STEL: 125 ppm
ted) STEL: 125 ppm	STEL: 545 mg/m <sup>3</sup>
	ated) STEL: 125 ppm red) STEL: 545 mg/m <sup>3</sup>

#### Appropriate engineering controls

Engineering Controls	Apply technical measures to comply with the occupational exposure limits. Eyewash
	stations. Showers.

## Individual protection measures, such as personal protective equipment

Eye/Face Protection	Chemical safety goggles/faceshield.
Skin and Body Protection	Suitable protective clothing. Impervious gloves such as nitrile are recommended for operations which may result in prolonged or repeated skin contact.
Respiratory Protection	Ensure adequate ventilation, especially in confined areas. In case of inadequate ventilation wear respiratory protection.
General Hygiene Consideration	Is Handle in accordance with good industrial hygiene and safety practice. Take off all contaminated clothing and wash it before reuse. Do not eat, drink or smoke when using this product.

# 9. PHYSICAL AND CHEMICAL PROPERTIES

## Information on basic physical and chemical properties

Physical State Appearance Color	Liquid Very dark brown liquid Dark brown	Odor Odor Threshold	Solvent Not determined
<u>Property</u> pH Melting Point/Freezing Point Boiling Point/Boiling Range	<u>Values</u> Not determined Not determined > 168 °C / >335 °F	<u>Remarks • Method</u>	
Flash Point Evaporation Rate Flammability (Solid, Gas) Upper Flammability Limits Lower Flammability Limit Vapor Pressure Vapor Density Specific Gravity	48 °C / 120 °F < 1 Liquid-not applicable Not determined Not determined Not determined Not determined	Pensky-Martens Closed (butyl acetate = 1) (1=Water)	I Cup (PMCC)
Water Solubility Solubility in other solvents Partition Coefficient Auto-ignition Temperature Decomposition Temperature Kinematic Viscosity Dynamic Viscosity Explosive Properties Oxidizing Properties	0.802 @ 76°F Partially soluble Not determined Not determined Not determined Not determined Not determined Not determined Not determined Not determined	(1-11461)	

# **10. STABILITY AND REACTIVITY**

#### Reactivity

Not reactive under normal conditions.

#### Chemical Stability

Stable under recommended storage conditions.

#### Possibility of Hazardous Reactions

None under normal processing.

#### Hazardous Polymerization Hazardous polymerization does not occur.

#### **Conditions to Avoid**

Keep out of reach of children. Keep away from sources of ignition such as heat, sparks or open flames. See Sec. 7 Handling & Storage.

#### Incompatible Materials

Strong oxidizing agents. Strong bases. Strong reducing agents. Do not mix with other chemicals.

## Hazardous Decomposition Products

Carbon monoxide. Carbon dioxide (CO2). Smoke. Aldehydes. Hydrocarbons. Organic compounds.

## **11. TOXICOLOGICAL INFORMATION**

## Information on likely routes of exposure

Product Information	
Eye Contact	Avoid contact with eyes.
Skin Contact	Causes mild skin irritation.
Inhalation	Harmful if inhaled.
Ingestion	May be harmful if swallowed.

#### **Component Information**

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Naphthalene 91-20-3	= 490 mg/kg (Rat)	> 20 g/kg (Rabbit)	> 340 mg/m <sup>3</sup> (Rat)1 h
Naphtha (petroleum), heavy aromatic 64742-94-5	> 5000 mg/kg (Rat)	> 2000 mg/kg (Rabbit)	> 590 mg/m³(Rat)4 h
N,N'-Di-sec-butyl-p- phenylenediamine 101-96-2	= 148 mg/kg (Rat)	= 2806 mg/kg (Rabbit)	-
1,2,4 Trimethylbenzene 95-63-6	= 3400 mg/kg (Rat)	> 3160 mg/kg (Rabbit)	= 18 g/m <sup>3</sup> (Rat)4 h
Distillates, petroleum, solvent refined heavy paraffinic 64741-88-4	> 5000 mg/kg (Rat)	> 2000 mg/kg (Rabbit)	= 2.18 mg/L (Rat)4 h
Xylene 1330-20-7	= 4300 mg/kg (Rat)	> 1700 mg/kg (Rabbit)	= 5000 ppm (Rat)4 h = 47635 mg/L (Rat)4 h
2-Ethylhexanol 104-76-7	1516 - 2774 mg/kg (Rat)	-	-
Ethylene Glycol Monobutyl Ether 111-76-2	= 470 mg/kg (Rat)	= 2270 mg/kg (Rat)= 220 mg/kg ( Rabbit)	= 2.21 mg/L (Rat)4 h = 450 ppm (Rat)4 h
Ethylbenzene 100-41-4	= 3500 mg/kg(Rat)	= 15354 mg/kg (Rabbit)	= 17.2 mg/L (Rat)4 h

#### Information on physical, chemical and toxicological effects

#### Symptoms

Please see section 4 of this SDS for symptoms.

#### Delayed and immediate effects as well as chronic effects from short and long-term exposure

Germ cell mutagenicity May cause genetic defects.

Carcinogenicity

May cause cancer.

Chemical Name	ACGIH	IARC	NTP	OSHA
2-Ethylhexyl Nitrate 27247-96-7		Group 2A		Х
Naphthalene 91-20-3		Group 2B	Reasonably Anticipated	Х
Distillates, petroleum, solvent refined heavy paraffinic 64741-88-4	A2	Group 1		X
Xylene 1330-20-7		Group 3		
Ethylene Glycol Monobutyl Ether 111-76-2	A3	Group 3		
Ethylbenzene 100-41-4	A3	Group 2B		Х

#### Legend

ACGIH (American Conference of Governmental Industrial Hygienists) A2 - Suspected Human Carcinogen A3 - Animal Carcinogen IARC (International Agency for Research on Cancer) Group 1 - Carcinogenic to Humans Group 2A - Probably Carcinogenic to Humans Group 2B - Possibly Carcinogenic to Humans Group 3 IARC components are "not classifiable as human carcinogens" NTP (National Toxicology Program) Reasonably Anticipated - Reasonably Anticipated to be a Human Carcinogen OSHA (Occupational Safety and Health Administration of the US Department of Labor) X - Present

Aspiration hazard

May be fatal if swallowed and enters airways.

#### Numerical measures of toxicity

Not determined

## **12. ECOLOGICAL INFORMATION**

#### Ecotoxicity

Toxic to aquatic life with long lasting effects.

#### **Component Information**

Chemical Name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Naphthalene 91-20-3		5.74 - 6.44: 96 h Pimephales promelas mg/L LC50 flow- through 1.6: 96 h Oncorhynchus mykiss mg/L LC50 flow-through 0.91 - 2.82: 96 h Oncorhynchus mykiss mg/L LC50 static 1.99: 96 h Pimephales promelas mg/L LC50 static 31.0265: 96 h Lepomis macrochirus mg/L LC50 static		2.16: 48 h Daphnia magna mg/L LC50 1.96: 48 h Daphnia magna mg/L EC50 Flow through 1.09 - 3.4: 48 h Daphnia magna mg/L EC50 Static

Naphtha (petroleum), heavy aromatic 64742-94-5	2.5: 72 h Skeletonema costatum mg/L EC50	19: 96 h Pimephales promelas mg/L LC50 static 2.34: 96 h Oncorhynchus		0.95: 48 h Daphnia magna mg/L EC50
		mykiss mg/L LC50 1740: 96 h Lepomis macrochirus mg/L		
		LC50 static 45: 96 h		
		Pimephales promelas mg/L		
		LC50 flow-through 41: 96 h Pimephales promelas mg/L		
		LC50		
1,2,4 Trimethylbenzene		7.19 - 8.28: 96 h Pimephales		6.14: 48 h Daphnia magna
95-63-6		promelas mg/L LC50 flow- through		mg/L EC50
Distillates, petroleum,		5000: 96 h Oncorhynchus		1000: 48 h Daphnia magna
solvent refined heavy		mykiss mg/L LC50		mg/L ĖC50
paraffinic 64741-88-4				
Xylene		13.4: 96 h Pimephales	EC50 = 0.0084 mg/L 24 h	3.82: 48 h water flea mg/L
1330-20-7		promelas mg/L LC50 flow-		EC50 0.6: 48 h Gammarus
		through 2.661 - 4.093: 96 h Oncorhynchus mykiss mg/L		lacustris mg/L LC50
		LC50 static 13.5 - 17.3: 96 h		
		Oncorhynchus mykiss mg/L LC50 13.1 - 16.5: 96 h		
		Lepomis macrochirus mg/L		
		LC50 flow-through 19: 96 h		
		Lepomis macrochirus mg/L LC50 7.711 - 9.591: 96 h		
		Lepomis macrochirus mg/L		
		LC50 static 23.53 - 29.97: 96		
		h Pimephales promelas mg/L LC50 static 780: 96 h		
		Cyprinus carpio mg/L LC50		
		semi-static 780: 96 h Cyprinus carpio mg/L LC50		
		30.26 - 40.75: 96 h Poecilia		
		reticulata mg/L LC50 static		
2-Ethylhexanol 104-76-7	11.5: 72 h Desmodesmus subspicatus mg/L EC50	32 - 37: 96 h Oncorhynchus mykiss mg/L LC50 static 7.5:		39: 48 h Daphnia magna mg/L EC50
104-70-7	subspicatus mg/L LCOU	96 h Oncorhynchus mykiss		111g/E 2000
		mg/L LC50 27 - 29.5: 96 h		
		Pimephales promelas mg/L LC50 flow-through 29.7: 96 h		
		Pimephales promelas mg/L		
		LC50 static 10.0 - 33.0: 96 h		
		Lepomis macrochirus mg/L LC50 static		
Ethylene Glycol Monobutyl		1490: 96 h Lepomis		1698 - 1940: 24 h Daphnia
Ether		macrochirus mg/L LC50		magna mg/L EC50 1000: 48
111-76-2		static 2950: 96 h Lepomis macrochirus mg/L LC50		h Daphnia magna mg/L EC50
Ethylbenzene	4.6: 72 h Pseudokirchneriella	11.0 - 18.0: 96 h	EC50 = 9.68 mg/L 30 min	1.8 - 2.4: 48 h Daphnia
100-41-4	subcapitata mg/L EC50 438: 96 h Pseudokirchneriella	Oncorhynchus mykiss mg/L	EC50 = 96 mg/L 24 h	magna mg/L EC50
	subcapitata mg/L EC50 2.6 -	LC50 static 4.2: 96 h Oncorhynchus mykiss mg/L		
	11.3: 72 h	LC50 semi-static 7.55 - 11:		
	Pseudokirchneriella subcapitata mg/L EC50	96 h Pimephales promelas mg/L LC50 flow-through 32:		
	static 1.7 - 7.6: 96 h	96 h Lepomis macrochirus		
	Pseudokirchneriella	mg/L LC50 static 9.1 - 15.6:		
	subcapitata mg/L EC50 static	96 h Pimephales promelas mg/L LC50 static 9.6: 96 h		
	Sidilo	Poecilia reticulata mg/L		
		LC50 static		

# Persistence/Degradability Not determined.

# Bioaccumulation Not determined.

## <u>Mobility</u>

Chemical Name	Partition Coefficient
2-Ethylhexyl Nitrate 27247-96-7	4.14
Naphthalene 91-20-3	3.3
Naphtha (petroleum), heavy aromatic 64742-94-5	6.1
1,2,4 Trimethylbenzene 95-63-6	3.63
Xylene 1330-20-7	3.15
2-Ethylhexanol 104-76-7	3.1
Ethylene Glycol Monobutyl Ether 111-76-2	0.81
Ethylbenzene 100-41-4	3.118

## **Other Adverse Effects**

Not determined

# **13. DISPOSAL CONSIDERATIONS**

## Waste Treatment Methods

Disposal of Wastes	Disposal should be in accordance with applicable regional, national and local laws and regulations.
Contaminated Packaging	Disposal should be in accordance with applicable regional, national and local laws and regulations.

## **US EPA Waste Number**

Chemical Name	RCRA	RCRA - Basis for Listing	RCRA - D Series Wastes	RCRA - U Series Wastes
Naphthalene	U165	Included in waste streams:		U165
91-20-3		F024, F025, F034, F039,		
		K001, K035, K060, K087,		
		K145		
Xylene		Included in waste stream:		U239
1330-20-7		F039		
Ethylbenzene		Included in waste stream:		
100-41-4		F039		

Chemical Name	RCRA - Halogenated Organic Compounds	RCRA - P Series Wastes	RCRA - F Series Wastes	RCRA - K Series Wastes
Naphthalene			Toxic waste	
91-20-3			waste number F025	
			Waste description:	
			Condensed light ends, spent	
			filters and filter aids, and	
			spent desiccant wastes from	
			the production of certain	
			chlorinated aliphatic	
			hydrocarbons, by free radical	
			catalyzed processes. These	
			chlorinated aliphatic	
			hydrocarbons are those	
			having carbon chain lengths	
			ranging from one to and	
			including five, with varying	
			amounts and positions of	
			chlorine substitution.	

## California Hazardous Waste Status

Chemical Name	California Hazardous Waste Status
Naphthalene	Toxic
91-20-3	
Xylene	Toxic
1330-20-7	Ignitable
Ethylbenzene	Toxic
100-41-4	Ignitable

# 14. TRANSPORT INFORMATION

<u>Note</u>	Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances. Based on package size, product may be eligible for limited quantity exception.
DOT UN/ID No Proper Shipping Name Hazard Class Packing Group	In containers of 119 gallons capacity or less this product is not regulated by DOT UN1268 Petroleum products, n.o.s. (Aliphatic Hydrocarbons) 3 III
IATA UN/ID No Proper Shipping Name Hazard Class Packing Group Description	UN1268 Petroleum products, n.o.s. (Aliphatic Hydrocarbons) 3 III Marine Pollutant
IMDG UN/ID No Proper Shipping Name Hazard Class Packing Group Marine Pollutant	UN1268 Petroleum products, n.o.s. (Aliphatic Hydrocarbons) 3 III Marine Pollutant

# **15. REGULATORY INFORMATION**

## International Inventories

Chemical Name	TSCA	DSL	NDSL	EINECS	ELINCS	ENCS	IECSC	KECL	PICCS	AICS
Mineral Spirits	Present	Х		Present		Present	Х	Present	Х	Х
2-Ethylhexyl Nitrate	Present	Х		Present		Present	Х	Present	Х	Х
Naphthalene	Present	Х		Present		Present	Х	Present	Х	Х
Naphtha (petroleum), heavy aromatic	Present	Х		Present		Present	Х	Present	Х	Х
1,2,4 Trimethylbenzene	Present	Х		Present		Present	Х	Present	Х	Х
Distillates, petroleum, solvent refined heavy paraffinic	Present	Х		Present		Present	Х	Present	Х	Х
Xylene	Present	Х		Present		Present	Х	Present	Х	Х
Ethylbenzene	Present	Х		Present		Present	Х	Present	Х	Х

#### Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

ENCS - Japan Existing and New Chemical Substances

IECSC - China Inventory of Existing Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

PICCS - Philippines Inventory of Chemicals and Chemical Substances

AICS - Australian Inventory of Chemical Substances

#### US Federal Regulations

#### **CERCLA**

Chemical Name	Hazardous Substances RQs	CERCLA/SARA RQ	Reportable Quantity (RQ)
Naphthalene	100 lb 1 lb		RQ 100 lb final RQ
91-20-3			RQ 45.4 kg final RQ RQ 1 lb final
			RQ
			RQ 0.454 kg final RQ
Xylene	100 lb		RQ 100 lb final RQ
1330-20-7			RQ 45.4 kg final RQ
Ethylbenzene	1000 lb		RQ 1000 lb final RQ
100-41-4			RQ 454 kg final RQ

## SARA 311/312 Hazard Categories

Acute Health Hazard	Yes
Chronic Health Hazard	Yes
Fire Hazard	No
Sudden Release of Pressure Hazard	No
Reactive Hazard	No

## <u>SARA 313</u>

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

Chemical Name	CAS No	Weight-%	SARA 313 - Threshold Values %
Naphthalene - 91-20-3	91-20-3	Proprietary	0.1
1,2,4 Trimethylbenzene - 95-63-6	95-63-6	Proprietary	1.0
Xylene - 1330-20-7	1330-20-7	Proprietary	1.0
Ethylene Glycol Monobutyl Ether - 111-76-2	111-76-2	Proprietary	1.0
Ethylbenzene - 100-41-4	100-41-4	Proprietary	0.1

## CWA (Clean Water Act)

Chemical Name	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
Naphthalene	100 lb	Х	Х	Х
Xylene	100 lb			Х
Ethylbenzene	1000 lb	Х	Х	Х

## US State Regulations

# California Proposition 65

This product contains the following Proposition 65 chemicals.

Chemical Name	California Proposition 65
Naphthalene - 91-20-3	Carcinogen
Ethylbenzene - 100-41-4	Carcinogen

## U.S. State Right-to-Know Regulations

Chemical Name	New Jersey	Massachusetts	Pennsylvania
Mineral Spirits 8052-41-3	Х	X	Х
2-Ethylhexyl Nitrate 27247-96-7	Х		
Naphthalene 91-20-3	Х	X	Х
N,N'-Di-sec-butyl-p- phenylenediamine 101-96-2		X	Х
1,2,4 Trimethylbenzene 95-63-6	Х	X	Х
Xylene 1330-20-7	Х	X	Х
2-Ethylhexanol 104-76-7		X	Х
Ethylene Glycol Monobutyl Ether 111-76-2	Х	X	Х
Ethylbenzene 100-41-4	Х	X	Х

# **16. OTHER INFORMATION**

NFPA HMIS	Health Hazards 2 Health Hazards Not determined	Flammability 1 Flammability Not determined	<b>Instability</b> 0 <b>Physical Hazards</b> Not determined	Special Hazards Not determined Personal Protection Not determined
Issue Date: Revision Date: Revision Note:	01-Dec-2012 10-Dec-2014 New format			

**Disclaimer** 

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet