

# SAFETY DATA SHEET



Revision Date 23-Jun-2015  
Version 2

## 1. Identification of the substance/mixture and of the company/undertaking

### 1.1 Product identifier

**Product name** DIESEL GUARD HIGH PERFORMANCE ANTIGEL DEICER  
**Product code** AGPWBK

### 1.2 Relevant identified uses of the substance or mixture and uses advised against

**Recommended Use** Fuel additive  
**Restrictions on use** No information available

### 1.3 Details of the supplier of the safety data sheet

**Supplier** ValvTect Petroleum Products  
A Division of Kop-Coat, Inc.  
3400 Dundee Road  
Northbrook, IL 60062  
(847) 272-2278

**E-mail Address** Valvtect@valvtect.com

### 1.4 Emergency telephone number

**Emergency telephone number** Chemtrec: +1 703-527-3887 ex-USA  
Chemtrec: 1-800-424-9300 USA

## 2. Hazards identification

### 2.1 Classification of the substance or mixture

**GHS Classification in accordance with 29 CFR 1910.1200**

Skin corrosion/irritation	Category 2
Serious eye damage/eye irritation	Category 2
Carcinogenicity	Category 2
Aspiration toxicity	Category 1
Flammable liquids	Category 3

### 2.2 Label elements

#### **Signal Word**

Danger

#### **Hazard Statements**

Causes skin irritation  
Causes serious eye irritation  
Suspected of causing cancer  
May be fatal if swallowed and enters airways  
Flammable liquid and vapor



**Precautionary Statements - Prevention**

Obtain special instructions before use  
 Do not handle until all safety precautions have been read and understood  
 Wear protective gloves/protective clothing/eye protection/face protection  
 Wash face, hands and any exposed skin thoroughly after handling  
 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

**Precautionary Statements - Response**

If exposed or concerned: Get medical advice/attention  
 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing  
 If eye irritation persists: Get medical advice/attention  
 If skin irritation occurs: Get medical advice/attention  
 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower  
 Wash contaminated clothing before reuse  
 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

**2.3. Other Hazards Hazards not otherwise classified (HNOC)**

Not Applicable

**2.4 Other information**

Not Applicable

**3. Composition/Information on Ingredients**

**Substance**

Not applicable

**Mixture**

Chemical Name	CAS-No	Weight %
HEAVY AROMATIC NAPHTHA	64742-94-5	30 - 40
AROMATIC PETROLEUM DISTILLATES	64742-95-6	20 - 30
Glycol ether (non-HAP)	Proprietary	10 - 20
1,2,4-Trimethylbenzene	95-63-6	10 - 20
NAPHTHALENE	91-20-3	1 - 5
Xylene	1330-20-7	1 - 5
CUMENE	98-82-8	< 1

Ethylbenzene	100-41-4	< 1
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\*The exact percentage (concentration) of composition has been withheld as a trade secret.

**4. First aid measures**

**4.1 Description of first-aid measures**

<b>General advice</b>	For further assistance, contact your local Poison Control Center.
<b>Eye contact</b>	Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Call a physician or poison control center immediately.
<b>Skin contact</b>	Wash off immediately with soap and plenty of water for at least 15 minutes while removing all contaminated clothing and shoes. Call a physician if irritation develops or persists. Wash contaminated clothing before reuse.
<b>Inhalation</b>	Move victim to fresh air. If not breathing, give artificial respiration. Seek immediate medical attention/advice.
<b>Ingestion</b>	Gently wipe or rinse the inside of the mouth with water. Never give fluids if the victim is unconscious or having convulsions. Do NOT induce vomiting. If a person vomits when lying on his back, place him in the recovery position. Call a physician or poison control center immediately.

**4.2 Most important symptoms and effects, both acute and delayed**

**Symptoms** See Section 2.2, Label Elements and/or Section 11, Toxicological effects.

**4.3 Recommendations for immediate medical care and/or special treatment**

**Notes to physician** There is no specific antidote for effects from overexposure to this material. Treat symptomatically.

**5. Fire-Fighting Measures**

**5.1 Extinguishing media**

**Suitable extinguishing media**  
 Foam Carbon dioxide (CO<sub>2</sub>) Dry chemical Water may be used to cool and prevent the rupture of containers that are exposed to the heat from a fire.

**Unsuitable Extinguishing Media** Water may be unsuitable for extinguishing fires.

**5.2 Specific hazards arising from the substance or mixture**

**Special Hazard**  
 Thermal decomposition can lead to release of irritating gases and vapors Most vapors are heavier than air. They will spread along ground and collect in low or confined areas (sewers, basements, tanks)

**Hazardous Combustion Products** Possible formation of carbon oxides, nitrogen oxides, and hazardous organic compounds.

**Explosion Data**  
**Sensitivity to Mechanical Impact** None.  
**Sensitivity to Static Discharge** No information available.

**5.3 Advice for firefighters**

Evacuate personnel to safe areas. Move non-burning material, as feasible, to a safe location as soon as possible. As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear. Cool containers with flooding quantities of water until well after fire is out. Thoroughly decontaminate all protective equipment after use. DO NOT extinguish a fire resulting from the flow of flammable liquid until the flow of the liquid is effectively shut off. This precaution

will help prevent the accumulation of an explosive vapor-air mixture after the initial fire is extinguished.

## 6. Accidental Release Measures

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

Avoid contact with skin, eyes and clothing. Ensure adequate ventilation. ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Stop leak if you can do it without risk. Refer to protective measures listed in sections 7 and 8. Avoid exceeding of the given occupational exposure limits (see section 8). Personal protection needs must be evaluated based on information provided on this sheet and the special circumstances created by the spill including; the material spilled, the quantity of the spill, the area in which the spill occurred, and the training and the expertise of employees in the area responding to the spill.

### 6.2 Environmental precautions

Prevent product from entering drains. Prevent entry into waterways, sewers, basements or confined areas.

### 6.3 Methods and materials for containment and cleaning up

**Methods for Containment** Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal. Prevent further leakage or spillage if safe to do so.

**Methods for cleaning up** Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal. Ground and bond containers when transferring material. Take precautionary measures against static discharges.

## 7. Handling and storage

### 7.1 Precautions for safe handling

**Advice on safe handling** Ensure adequate ventilation. Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes and clothing. Keep away from open flames, hot surfaces and sources of ignition. Take precautionary measures against static discharges. Do not eat, drink or smoke when using this product. Use according to package label instructions. Empty containers may retain product residue or vapor. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose container to heat, flame, sparks, static electricity, or other sources of ignition. Take measures to prevent the build up of electrostatic charge.

**Hygiene measures** Avoid contact with skin, eyes and clothing. Do not eat, drink or smoke when using this product. Remove and wash contaminated clothing before re-use. Wash hands before breaks and immediately after handling the product.

### 7.2 Conditions for safe storage, including any incompatibilities

**Storage Conditions** Keep container tightly closed in a dry and well-ventilated place. Keep away from heat and sources of ignition. Keep in properly labeled containers. Keep away from food, drink and animal feedingstuffs.

**Materials to Avoid** No materials to be especially mentioned.

## 8. Exposure controls/personal protection

### 8.1 Occupational Exposure Limits (OEL)

Chemical Name	ACGIH TLV	OSHA PEL	British Columbia	Alberta	Quebec	Ontario TWAEV
Glycol ether (non-HAP)	STEL: 150 ppm TWA: 100 ppm S*	TWA: 100 ppm TWA: 600 mg/m <sup>3</sup> S*	TWA: 100 ppm STEL: 150 ppm Skin	TWA: 100 ppm TWA: 606 mg/m <sup>3</sup> STEL: 150 ppm STEL: 909 mg/m <sup>3</sup> Skin	TWA: 100 ppm TWA: 606 mg/m <sup>3</sup> STEL: 150 ppm STEL: 909 mg/m <sup>3</sup> Skin	TWA: 100 ppm STEL: 150 ppm Skin
NAPHTHALENE 91-20-3	TWA: 10 ppm S*	TWA: 10 ppm TWA: 50 mg/m <sup>3</sup>	TWA: 10 ppm STEL: 15 ppm Skin	TWA: 10 ppm TWA: 52 mg/m <sup>3</sup> STEL: 15 ppm	TWA: 10 ppm TWA: 52 mg/m <sup>3</sup> STEL: 15 ppm	TWA: 10 ppm STEL: 15 ppm Skin

				STEL: 79 mg/m <sup>3</sup> Skin	STEL: 79 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>	TWA: 100 ppm STEL: 150 ppm	TWA: 100 ppm TWA: 434 mg/m <sup>3</sup> STEL: 150 ppm STEL: 651 mg/m <sup>3</sup>	TWA: 100 ppm TWA: 434 mg/m <sup>3</sup> STEL: 150 ppm STEL: 651 mg/m <sup>3</sup>	TWA: 100 ppm STEL: 150 ppm
CUMENE 98-82-8	TWA: 50 ppm	TWA: 50 ppm TWA: 245 mg/m <sup>3</sup> S*	TWA: 25 ppm STEL: 75 ppm	TWA: 50 ppm TWA: 246 mg/m <sup>3</sup>	TWA: 50 ppm TWA: 246 mg/m <sup>3</sup>	TWA: 50 ppm
Ethylbenzene 100-41-4	TWA: 20 ppm	TWA: 100 ppm TWA: 435 mg/m <sup>3</sup>	TWA: 20 ppm	TWA: 100 ppm TWA: 434 mg/m <sup>3</sup> STEL: 125 ppm STEL: 543 mg/m <sup>3</sup>	TWA: 100 ppm TWA: 434 mg/m <sup>3</sup> STEL: 125 ppm STEL: 543 mg/m <sup>3</sup>	TWA: 20 ppm

**8.2 Appropriate engineering controls**

**Engineering Measures**

Ensure adequate ventilation, especially in confined areas. Use adequate ventilation to maintain airborne concentrations at levels below permissible or recommended occupational exposure limits.

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

**Eye/Face Protection**

Wear chemical-resistant glasses and/or goggles and a face shield when eye and face contact is possible due to handling and processing of material.

**Skin and body protection**

Wear impervious gloves and/or clothing if needed to prevent contact with the material. Rubber/latex/neoprene or other suitable chemical resistant gloves. Remove and wash contaminated clothing before re-use. Cotton-blend coveralls.

**Respiratory protection**

If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Respiratory protection must be provided in accordance with current local regulations.

**Hygiene measures**

See section 7 for more information

**9. Physical and chemical properties**

**9.1 Information on basic physical and chemical properties**

<b>Physical state</b>	Liquid
<b>Appearance</b>	Clear
<b>Color</b>	various
<b>Odor</b>	Hydrocarbon-like
<b>Odor Threshold</b>	No information available

Property	Values	Remarks • Methods
pH		Not Applicable
Melting/freezing point		No information available
Boiling point/boiling range		No information available
Flash Point	50 °C / 122 °F	
Evaporation rate		No information available
Flammability (solid, gas)		No information available
Flammability Limits in Air		
upper flammability limit		No information available
lower flammability limit		No information available
Vapor pressure		No information available
Vapor density		No information available
Specific Gravity	0.8946	
Water solubility		No information available
Solubility in other solvents		No information available
Partition coefficient		No information available
Autoignition temperature		No information available
Decomposition temperature		No information available
Viscosity, kinematic	< 20 mm <sup>2</sup> /s	
Viscosity, dynamic		No information available
<b>Explosive properties</b>		No information available
<b>Oxidizing Properties</b>		No information available

**9.2 Other information**

**Volatile organic compounds (VOC) content** No information available

**10. Stability and Reactivity**

**10.1 Reactivity**

No data available

**10.2 Chemical stability**

Stable under recommended storage conditions.

**10.3 Possibility of hazardous reactions**

None under normal processing.

**10.4 Conditions to Avoid**

Keep away from heat, sparks and flames.

**10.5 Incompatible Materials**

None known based on information supplied.

**10.6 Hazardous Decomposition Products**

None under normal use conditions. Thermal decomposition can lead to release of irritating gases and vapors.

## 11. Toxicological information

### 11.1 Acute toxicity

#### Numerical measures of toxicity: Product Information

The following values are calculated based on chapter 3.1 of the GHS document

<b>Oral LD50</b>	4,291.00 mg/kg
<b>Dermal LD50</b>	12,690.00 mg/kg
<b>Vapor</b>	105.00 mg/l

#### Numerical measures of toxicity: Component Information

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
HEAVY AROMATIC NAPHTHA 64742-94-5	5000 mg/kg ( Rat )	> 2 mL/kg ( Rabbit )	> 590 mg/m <sup>3</sup> ( Rat ) 4 h
AROMATIC PETROLEUM DISTILLATES 64742-95-6	-	> 2000 mg/kg ( Rabbit )	= 3400 ppm ( Rat ) 4 h
Glycol ether (non-HAP)	5230 mg/kg ( Rat )	= 9500 mg/kg ( Rabbit )	-
1,2,4-Trimethylbenzene 95-63-6	3280 mg/kg ( Rat )	> 3160 mg/kg ( Rabbit )	= 18 g/m <sup>3</sup> ( Rat ) 4 h
NAPHTHALENE 91-20-3	1110 mg/kg ( Rat )	= 1120 mg/kg ( Rabbit )	> 340 mg/m <sup>3</sup> ( Rat ) 1 h
Xylene 1330-20-7	3500 mg/kg ( Rat )	> 4350 mg/kg ( Rabbit )	= 29.08 mg/L ( Rat ) 4 h
CUMENE 98-82-8	1400 mg/kg ( Rat )	= 12300 µL/kg ( Rabbit )	8700 ppm (Rat) 4-h
Ethylbenzene 100-41-4	3500 mg/kg ( Rat )	= 15400 mg/kg ( Rabbit )	= 17.2 mg/L ( Rat ) 4 h

### 11.2 Information on toxicological effects

#### Skin corrosion/irritation

##### Product Information

- No information available

##### Component Information

- No information available

#### Eye damage/irritation

##### Product Information

- No information available

##### Component Information

- No information available

#### Respiratory or skin sensitization

##### Product Information

- No information available

##### Component Information

- No information available

#### Germ Cell Mutagenicity

##### Product Information

- No information available

##### Component Information

- No information available

#### Carcinogenicity

Product Information

- The table below indicates whether each agency has listed any ingredient as a carcinogen

Component Information

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Chemical Name	ACGIH	IARC	NTP	OSHA
NAPHTHALENE 91-20-3	-	Group 2B	Reasonably Anticipated	
CUMENE 98-82-8	-	Group 2B	Reasonably Anticipated	
Ethylbenzene 100-41-4	-	Group 2B	-	

**Reproductive toxicity**

Product Information

- No information available

Component Information

- No information available

**STOT - single exposure**

No information available

**STOT - repeated exposure**

- No information available

**Other adverse effects**

Target Organs

- Blood
- Central nervous system
- Eyes
- Kidney
- Liver
- Respiratory system
- Skin

Product Information

- No information available

Component Information

- No information available

**Aspiration hazard**

Product Information

- No information available

Component Information

- No information available

**12. Ecological information**

**12.1 Toxicity**

**Ecotoxicity**

No information available

< 1 % of the mixture consists of components(s) of unknown hazards to the aquatic environment

**Ecotoxicity effects**

Chemical Name	Toxicity to algae	Toxicity to fish	Toxicity to daphnia and other aquatic invertebrates
HEAVY AROMATIC NAPHTHA 64742-94-5	-	LC50: 96 h Pimephales promelas 19 mg/L static LC50: 96 h Oncorhynchus mykiss 2.34 mg/L LC50: 96 h Lepomis macrochirus	EC50: 48 h Daphnia magna 0.95 mg/L



		1740 mg/L static LC50: 96 h Pimephales promelas 45 mg/L flow-through LC50: 96 h Pimephales promelas 41 mg/L	
AROMATIC PETROLEUM DISTILLATES 64742-95-6	-	LC50: 96 h Oncorhynchus mykiss 9.22 mg/L	EC50: 48 h Daphnia magna 6.14 mg/L
Glycol ether (non-HAP)	-	LC50: 96 h Pimephales promelas 10000 mg/L static	LC50: 48 h Daphnia magna 1919 mg/L
1,2,4-Trimethylbenzene 95-63-6	-	LC50: 96 h Pimephales promelas 7.19 - 8.28 mg/L flow-through	EC50: 48 h Daphnia magna 6.14 mg/L
NAPHTHALENE 91-20-3	-	LC50: 96 h Pimephales promelas 5.74 - 6.44 mg/L flow-through LC50: 96 h Oncorhynchus mykiss 1.6 mg/L flow-through LC50: 96 h Oncorhynchus mykiss 0.91 - 2.82 mg/L static LC50: 96 h Pimephales promelas 1.99 mg/L static LC50: 96 h Lepomis macrochirus 31.0265 mg/L static	LC50: 48 h Daphnia magna 2.16 mg/L EC50: 48 h Daphnia magna 1.96 mg/L Flow through EC50: 48 h Daphnia magna 1.09 - 3.4 mg/L Static
Xylene 1330-20-7	-	LC50: 96 h Pimephales promelas 23.53 - 29.97 mg/L static LC50: 96 h Cyprinus carpio 780 mg/L semi-static LC50: 96 h Cyprinus carpio 780 mg/L LC50: 96 h Poecilia reticulata 30.26 - 40.75 mg/L static LC50: 96 h Pimephales promelas 13.4 mg/L flow-through LC50: 96 h Oncorhynchus mykiss 2.661 - 4.093 mg/L static LC50: 96 h Oncorhynchus mykiss 13.5 - 17.3 mg/L LC50: 96 h Lepomis macrochirus 13.1 - 16.5 mg/L flow-through LC50: 96 h Lepomis macrochirus 19 mg/L LC50: 96 h Lepomis macrochirus 7.711 - 9.591 mg/L static	EC50: 48 h water flea 3.82 mg/L LC50: 48 h Gammarus lacustris 0.6 mg/L
CUMENE 98-82-8	EC50: 72 h Pseudokirchneriella subcapitata 2.6 mg/L	LC50: 96 h Pimephales promelas 6.04 - 6.61 mg/L flow-through LC50: 96 h Oncorhynchus mykiss 4.8 mg/L flow-through LC50: 96 h Oncorhynchus mykiss 2.7 mg/L semi-static LC50: 96 h Poecilia reticulata 5.1 mg/L semi-static	EC50: 48 h Daphnia magna 0.6 mg/L EC50: 48 h Daphnia magna 7.9 - 14.1 mg/L Static
Ethylbenzene 100-41-4	EC50: 72 h Pseudokirchneriella subcapitata 4.6 mg/L EC50: 96 h Pseudokirchneriella subcapitata 438 mg/L EC50: 72 h Pseudokirchneriella subcapitata 2.6 - 11.3 mg/L static EC50: 96 h Pseudokirchneriella subcapitata 1.7 - 7.6 mg/L static	LC50: 96 h Oncorhynchus mykiss 11.0 - 18.0 mg/L static LC50: 96 h Oncorhynchus mykiss 4.2 mg/L semi-static LC50: 96 h Pimephales promelas 7.55 - 11 mg/L flow-through LC50: 96 h Lepomis macrochirus 32 mg/L static LC50: 96 h Pimephales promelas 9.1 - 15.6 mg/L static LC50: 96 h Poecilia reticulata 9.6 mg/L static	EC50: 48 h Daphnia magna 1.8 - 2.4 mg/L

## 12.2 Persistence and degradability

No information available.

## 12.3 Bioaccumulative potential

Discharge into the environment must be avoided

Chemical Name	log Pow
HEAVY AROMATIC NAPHTHA 64742-94-5	6.1
Glycol ether (non-HAP)	-0.064
1,2,4-Trimethylbenzene	3.63

95-63-6	
NAPHTHALENE 91-20-3	3.3
Xylene 1330-20-7	3.15
CUMENE 98-82-8	3.55
Ethylbenzene 100-41-4	3.118

**12.4 Mobility in soil**

No information available.

**12.5 Other adverse effects**

No information available

**13. Disposal Considerations**

**13.1 Waste Disposal Guidance**

This material, as supplied, is not a hazardous waste according to Federal regulations (40 CFR 261). This material could become a hazardous waste if it is mixed with or otherwise comes in contact with a hazardous waste, if chemical additions are made to this material, or if the material is processed or otherwise altered. Consult 40 CFR 261 to determine whether the altered material is a hazardous waste. Consult the appropriate state, regional, or local regulations for additional requirements.

**14. Transport Information**

<b>Note</b>	This product is not regulated by US DOT when shipped by ground in containers < 119 gallons.
<b>DOT</b> Proper shipping name	NA1993, Combustible liquid, n.o.s. (petroleum distillates, glycol ether), 3, III
<b>MEX</b>	no data available
<b>IMDG</b> Proper shipping name	UN1993, Flammable liquid, n.o.s. (petroleum distillates, 1,2,4-trimethylbenzene), 3, III
<b>IATA</b> Proper shipping name	UN1993, Flammable liquid, n.o.s. (petroleum distillates, 1,2,4-trimethylbenzene), 3, III

**15. Regulatory information**

**Ultra Low Sulfur Additives: The sulfur content of this Diesel Fuel Additive does not exceed 15 parts per million (ppm).  
 References: Code of Federal Regulations Title 40 Part 80, EPA 2006 Regulation of Fuels and Fuel Additives, EPA Document # EPA40-F-05-013.**

**15.1 International Inventories**

TSCA	Complies
DSL	Complies
EINECS/ELINCS	Complies
ENCS	Complies
IECSC	Complies
KECL	Complies
PICCS	Complies
AICS	Complies
NZIoC	Complies

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory  
 DSL - Canadian Domestic Substances List  
 EINECS/ELINCS - European Inventory of Existing Commercial Chemical Substances/EU List of Notified Chemical Substances  
 PICCS - Philippines Inventory of Chemicals and 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  
 NZIoC - New Zealand Inventory of Chemicals

**15.2 U.S. Federal Regulations**

**SARA 313**

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	SARA 313 - Threshold Values %
Glycol ether (non-HAP)	1.0
1,2,4-Trimethylbenzene 95-63-6	1.0
NAPHTHALENE 91-20-3	0.1
Xylene 1330-20-7	1.0
Ethylbenzene 100-41-4	0.1

**15.3 Pesticide Information**

Not applicable

**15.4 U.S. State Regulations**

**California Proposition 65**

This product contains the following Proposition 65 chemicals:

Chemical Name	California Prop. 65
NAPHTHALENE - 91-20-3	Carcinogen
CUMENE - 98-82-8	Carcinogen
Ethylbenzene - 100-41-4	Carcinogen

**16. Other information**

<b>NFPA</b>	<b>Health Hazard 2</b>	<b>Flammability 2</b>	<b>Instability 0</b>	<b>Physical and chemical hazards -</b>
<b>HMIS</b>	<b>Health Hazard 2*</b>	<b>Flammability 2</b>	<b>Physical Hazard 0</b>	<b>Personal protection X</b>

**Legend:**

ACGIH (American Conference of Governmental Industrial Hygienists)  
 Ceiling (C)  
 DOT (Department of Transportation)  
 EPA (Environmental Protection Agency)  
 IARC (International Agency for Research on Cancer)  
 International Air Transport Association (IATA)  
 International Maritime Dangerous Goods (IMDG)  
 NIOSH (National Institute for Occupational Safety and Health)  
 NTP (National Toxicology Program)  
 OSHA (Occupational Safety and Health Administration of the US Department of Labor)  
 PEL (Permissible Exposure Limit)  
 Reportable Quantity (RQ)  
 Skin designation (S\*)

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*STEL (Short Term Exposure Limit)*

*TLV® (Threshold Limit Value)*

*TWA (time-weighted average)*

**Revision Date** 23-Jun-2015

**Revision Note**

No information available

**Disclaimer**

The information provided on this SDS 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 guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as 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 material or in any process, unless specified in the text.

**End of Safety Data Sheet**