



# SAFETY DATA SHEET

## 1. Identification

<b>Product identifier</b>	<b>Quick Flow™ Emergency Diesel-Gel Relief</b>
<b>Other means of identification</b>	
<b>Product Code</b>	05911
<b>Recommended use</b>	Fuel additive
<b>Recommended restrictions</b>	None known.
<b>Manufacturer/Importer/Supplier/Distributor information</b>	
<b>Manufactured or sold by:</b>	
<b>Company name</b>	CRC Industries, Inc.
<b>Address</b>	885 Louis Dr. Warminster, PA 18974 US
<b>Telephone</b>	
<b>General Information</b>	215-674-4300
<b>Technical Assistance</b>	800-521-3168
<b>Customer Service</b>	800-272-4620
<b>24-Hour Emergency</b>	800-424-9300 (US)
<b>(CHEMTREC)</b>	703-527-3887 (International)
<b>Website</b>	www.crcindustries.com

## 2. Hazard(s) identification

<b>Physical hazards</b>	Flammable liquids	Category 3
<b>Health hazards</b>	Acute toxicity, inhalation	Category 4
	Skin corrosion/irritation	Category 2
	Serious eye damage/eye irritation	Category 2
	Carcinogenicity	Category 2
	Specific target organ toxicity, single exposure	Category 3 narcotic effects
	Specific target organ toxicity, repeated exposure	Category 2
	Aspiration hazard	Category 1
<b>Environmental hazards</b>	Hazardous to the aquatic environment, acute hazard	Category 3
	Hazardous to the aquatic environment, long-term hazard	Category 3
<b>OSHA defined hazards</b>	Not classified.	

### Label elements



### Signal word

Danger

### Hazard statement

Flammable liquid and vapor. May be fatal if swallowed and enters airways. Causes skin irritation. Causes serious eye irritation. Harmful if inhaled. May cause drowsiness or dizziness. Suspected of causing cancer. May cause damage to organs (nervous system) through prolonged or repeated exposure. Harmful to aquatic life with long lasting effects.

## Precautionary statement

### Prevention

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. Keep container tightly closed. Use explosion-proof electrical/ventilating/lighting equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Use with adequate ventilation. Open doors and windows or use other means to ensure a fresh air supply during use and while product is drying. If you experience any symptoms listed on this label, increase ventilation or leave the area. Do not breathe mist or vapor. Wash thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection. Avoid release to the environment.

### Response

If swallowed: Immediately call a poison center/doctor. Do NOT induce vomiting. If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. If skin irritation occurs: Get medical attention. Wash contaminated clothing before reuse. If inhaled: Remove person to fresh air and keep comfortable for breathing. Call a poison center/doctor if you feel unwell. 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 attention. If exposed or concerned: Get medical attention. In case of fire: Do not use water jet as an extinguisher, as this will spread the fire.

### Storage

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

### Disposal

Dispose of contents/container in accordance with local/regional/national regulations.

### Hazard(s) not otherwise classified (HNOC)

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 name	Common name and synonyms	CAS number	%
distillates (petroleum), hydrotreated light		64742-47-8	40 - 50
naphtha (petroleum), hydrotreated heavy		64742-48-9	40 - 50
solvent naphtha (petroleum), heavy arom.		64742-94-5	3 - 5
1,2,4-trimethylbenzene		95-63-6	1 - 3
naphthalene		91-20-3	< 1
2-ethylhexanol		104-76-7	< 0.3
toluene		108-88-3	< 0.2

Specific chemical identity and/or percentage of composition has been withheld as a trade secret.

## 4. First-aid measures

### Inhalation

Remove victim to fresh air and keep at rest in a position comfortable for breathing. Oxygen or artificial respiration if needed. Call a POISON CENTER or doctor/physician if you feel unwell.

### Skin contact

Take off immediately all contaminated clothing. Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention. Wash contaminated clothing before reuse.

### Eye contact

Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

### Ingestion

Call a physician or poison control center immediately. Do not induce vomiting. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs.

### Most important symptoms/effects, acute and delayed

Aspiration may cause pulmonary edema and pneumonitis. May cause drowsiness and dizziness. Headache. Nausea, vomiting. Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Skin irritation. May cause redness and pain. Prolonged exposure may cause chronic effects.

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

Provide general supportive measures and treat symptomatically. Thermal burns: Flush with water immediately. While flushing, remove clothes which do not adhere to affected area. Call an ambulance. Continue flushing during transport to hospital. Keep victim warm. Keep victim under observation. Symptoms may be delayed.

### General information

Take off all contaminated clothing immediately. IF exposed or concerned: Get medical advice/attention. Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance. Wash contaminated clothing before reuse.

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## 5. Fire-fighting measures

<b>Suitable extinguishing media</b>	Water fog. Foam. Carbon dioxide (CO <sub>2</sub> ). Dry chemical powder, carbon dioxide, sand or earth may be used for small fires only.
<b>Unsuitable extinguishing media</b>	Do not use water jet as an extinguisher, as this will spread the fire.
<b>Specific hazards arising from the chemical</b>	Vapors may form explosive mixtures with air. Vapors may travel considerable distance to a source of ignition and flash back. This product is a poor conductor of electricity and can become electrostatically charged. If sufficient charge is accumulated, ignition of flammable mixtures can occur. Material will float and may ignite on surface of water. During fire, gases hazardous to health may be formed.
<b>Special protective equipment and precautions for firefighters</b>	Self-contained breathing apparatus and full protective clothing must be worn in case of fire.
<b>Fire-fighting equipment/instructions</b>	In case of fire and/or explosion do not breathe fumes. Move containers from fire area if you can do so without risk.
<b>General fire hazards</b>	Flammable liquid and vapor.

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## 6. Accidental release measures

<b>Personal precautions, protective equipment and emergency procedures</b>	Keep unnecessary personnel away. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Wear appropriate protective equipment and clothing during clean-up. Do not breathe mist or vapor. Do not touch or walk through spilled material. Ventilate closed spaces before entering them. Use appropriate containment to avoid environmental contamination. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.
<b>Methods and materials for containment and cleaning up</b>	Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Keep combustibles (wood, paper, oil, etc.) away from spilled material. Take precautionary measures against static discharge. Use only non-sparking tools. This product is miscible in water. Prevent product from entering drains. Dike far ahead of spill for later disposal.  Small Spills: Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal. Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.
<b>Environmental precautions</b>	Never return spills to original containers for re-use. For waste disposal, see section 13 of the SDS. Avoid release to the environment. Inform appropriate managerial or supervisory personnel of all environmental releases. Prevent further leakage or spillage if safe to do so. Avoid discharge into drains, water courses or onto the ground. Use appropriate containment to avoid environmental contamination.

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## 7. Handling and storage

<b>Precautions for safe handling</b>	Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not handle, store or open near an open flame, sources of heat or sources of ignition. Protect material from direct sunlight. When using do not smoke. Explosion-proof general and local exhaust ventilation. Minimize fire risks from flammable and combustible materials (including combustible dust and static accumulating liquids) or dangerous reactions with incompatible materials. Take precautionary measures against static discharges. Use non-sparking tools and explosion-proof equipment. Do not breathe mist or vapor. Avoid contact with eyes, skin, and clothing. Use only in well-ventilated areas. Wear appropriate personal protective equipment. Wash hands thoroughly after handling. Avoid release to the environment. Observe good industrial hygiene practices. For product usage instructions, see the product label.
<b>Conditions for safe storage, including any incompatibilities</b>	Keep away from heat, sparks and open flame. Eliminate sources of ignition. Avoid spark promoters. Store in a cool, dry place out of direct sunlight. Keep container tightly closed. Store in a well-ventilated place. Store away from incompatible materials (see Section 10 of the SDS).

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## 8. Exposure controls/personal protection

### Occupational exposure limits

#### US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

Components	Type	Value
distillates (petroleum), hydrotreated light (CAS 64742-47-8)	PEL	400 mg/m <sup>3</sup>
		100 ppm

**US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)**

Components	Type	Value
naphtha (petroleum), hydrotreated heavy (CAS 64742-48-9)	PEL	400 mg/m3
naphthalene (CAS 91-20-3)	PEL	100 ppm
		50 mg/m3
solvent naphtha (petroleum), heavy arom. (CAS 64742-94-5)	PEL	10 ppm
		400 mg/m3
		100 ppm

**US. OSHA Table Z-2 (29 CFR 1910.1000)**

Components	Type	Value
toluene (CAS 108-88-3)	Ceiling	300 ppm
	TWA	200 ppm

**US. ACGIH Threshold Limit Values**

Components	Type	Value	Form
1,2,4-trimethylbenzene (CAS 95-63-6)	TWA	25 ppm	
naphthalene (CAS 91-20-3)	TWA	10 ppm	
solvent naphtha (petroleum), heavy arom. (CAS 64742-94-5)	TWA	200 mg/m3	Non-aerosol.
toluene (CAS 108-88-3)	TWA	20 ppm	

**US. NIOSH: Pocket Guide to Chemical Hazards**

Components	Type	Value
1,2,4-trimethylbenzene (CAS 95-63-6)	TWA	125 mg/m3
distillates (petroleum), hydrotreated light (CAS 64742-47-8)	TWA	25 ppm
		100 mg/m3
naphtha (petroleum), hydrotreated heavy (CAS 64742-48-9)	TWA	400 mg/m3
naphthalene (CAS 91-20-3)	STEL	100 ppm
		75 mg/m3
		15 ppm
toluene (CAS 108-88-3)	TWA	50 mg/m3
		10 ppm
		375 mg/m3
toluene (CAS 108-88-3)	STEL	560 mg/m3
		150 ppm
		100 ppm

**Biological limit values**

**ACGIH Biological Exposure Indices**

Components	Value	Determinant	Specimen	Sampling Time
toluene (CAS 108-88-3)	0.3 mg/g	o-Cresol, with hydrolysis	Creatinine in urine	*
	0.03 mg/l	Toluene	Urine	*
	0.02 mg/l	Toluene	Blood	*

\* - For sampling details, please see the source document.

**Exposure guidelines**

**US - California OELs: Skin designation**

naphthalene (CAS 91-20-3) Can be absorbed through the skin.

toluene (CAS 108-88-3)	Can be absorbed through the skin.
<b>US - Minnesota Haz Subs: Skin designation applies</b>	
toluene (CAS 108-88-3)	Skin designation applies.
<b>US ACGIH Threshold Limit Values: Skin designation</b>	
naphthalene (CAS 91-20-3)	Can be absorbed through the skin.
solvent naphtha (petroleum), heavy arom. (CAS 64742-94-5)	Can be absorbed through the skin.

**Appropriate engineering controls** Explosion-proof general and local exhaust ventilation. Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. Eye wash facilities and emergency shower should be available when handling this product.

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

<b>Eye/face protection</b>	Wear safety glasses with side shields (or goggles).
<b>Skin protection</b>	
<b>Hand protection</b>	Wear protective gloves such as: Nitrile. Neoprene. Polyvinyl chloride (PVC).
<b>Other</b>	Wear appropriate chemical resistant clothing.
<b>Respiratory protection</b>	If engineering controls are not feasible or if exposure exceeds the applicable exposure limits, use a NIOSH-approved cartridge respirator with an organic vapor cartridge. Use a self-contained breathing apparatus in confined spaces and for emergencies. Air monitoring is needed to determine actual employee exposure levels.
<b>Thermal hazards</b>	Wear appropriate thermal protective clothing, when necessary.
<b>General hygiene considerations</b>	Observe any medical surveillance requirements. When using do not smoke.

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## 9. Physical and chemical properties

**Appearance**

<b>Physical state</b>	Liquid.
<b>Form</b>	Liquid.
<b>Color</b>	Amber.

**Odor** Petroleum.

**Odor threshold** Not available.

**pH** Not available.

**Melting point/freezing point** -46.8 °F (-43.8 °C) estimated

**Initial boiling point and boiling range** 315 °F (157.2 °C) estimated

**Flash point** 110 °F (43.3 °C) Tag Closed Cup

**Evaporation rate** Slow.

**Flammability (solid, gas)** Not available.

**Upper/lower flammability or explosive limits**

**Flammability limit - lower (%)** 0.7 % estimated

**Flammability limit - upper (%)** 6 % estimated

**Vapor pressure** 0.8 hPa estimated

**Vapor density** > 1 (air = 1)

**Relative density** 0.79

**Solubility (water)** Negligible.

**Partition coefficient (n-octanol/water)** Not available.

**Auto-ignition temperature** 450 °F (232.2 °C) estimated

**Decomposition temperature** Not available.

**Viscosity (kinematic)** Not available.

**Percent volatile** 97.9 % estimated

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## 10. Stability and reactivity

<b>Reactivity</b>	The product is stable and non-reactive under normal conditions of use, storage and transport.
<b>Chemical stability</b>	Material is stable under normal conditions.
<b>Possibility of hazardous reactions</b>	No dangerous reaction known under conditions of normal use.
<b>Conditions to avoid</b>	Avoid heat, sparks, open flames and other ignition sources. Contact with incompatible materials.
<b>Incompatible materials</b>	Strong oxidizing agents.
<b>Hazardous decomposition products</b>	Carbon oxides. Hydrocarbons.

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## 11. Toxicological information

### Information on likely routes of exposure

<b>Inhalation</b>	Harmful if inhaled. May cause damage to organs through prolonged or repeated exposure by inhalation. May cause drowsiness and dizziness. Headache. Nausea, vomiting.
<b>Skin contact</b>	Causes skin irritation.
<b>Eye contact</b>	Causes serious eye irritation.
<b>Ingestion</b>	Droplets of the product aspirated into the lungs through ingestion or vomiting may cause a serious chemical pneumonia.

**Symptoms related to the physical, chemical and toxicological characteristics**      Aspiration may cause pulmonary edema and pneumonitis. May cause drowsiness and dizziness. Headache. Nausea, vomiting. Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Skin irritation. May cause redness and pain.

### Information on toxicological effects

**Acute toxicity**      May be fatal if swallowed and enters airways. Harmful if inhaled. Narcotic effects.

<b>Components</b>	<b>Species</b>	<b>Test Results</b>
1,2,4-trimethylbenzene (CAS 95-63-6)		
<b>Acute</b>		
<b>Dermal</b>		
LD50	Rabbit	> 3160 mg/kg
2-ethylhexanol (CAS 104-76-7)		
<b>Acute</b>		
<b>Dermal</b>		
LD50	Rabbit	1986 mg/kg
<b>Oral</b>		
LD50	Rat	2053 mg/kg
distillates (petroleum), hydrotreated light (CAS 64742-47-8)		
<b>Acute</b>		
<b>Dermal</b>		
LD50	Rat	> 2000 mg/kg
naphtha (petroleum), hydrotreated heavy (CAS 64742-48-9)		
<b>Acute</b>		
<b>Dermal</b>		
LD50	Rabbit	> 2000 mg/kg
naphthalene (CAS 91-20-3)		
<b>Acute</b>		
<b>Oral</b>		
LD50	Rat	490 mg/kg
solvent naphtha (petroleum), heavy arom. (CAS 64742-94-5)		
<b>Acute</b>		
<b>Dermal</b>		
LD50	Rabbit	> 2000 mg/kg

\* Estimates for product may be based on additional component data not shown.

**Skin corrosion/irritation**      Causes skin irritation.

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<b>Serious eye damage/eye irritation</b>	Causes serious eye irritation.
<b>Respiratory sensitization</b>	Not a respiratory sensitizer.
<b>Skin sensitization</b>	This product is not expected to cause skin sensitization.
<b>Germ cell mutagenicity</b>	No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.
<b>Carcinogenicity</b>	Suspected of causing cancer.

**IARC Monographs. Overall Evaluation of Carcinogenicity**

distillates (petroleum), hydrotreated heavy paraffinic (CAS 64742-54-7)	3 Not classifiable as to carcinogenicity to humans.
naphthalene (CAS 91-20-3)	2B Possibly carcinogenic to humans.
toluene (CAS 108-88-3)	3 Not classifiable as to carcinogenicity to humans.
xylene (CAS 1330-20-7)	3 Not classifiable as to carcinogenicity to humans.

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

Not regulated.

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

naphthalene (CAS 91-20-3)	Reasonably Anticipated to be a Human Carcinogen.
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<b>Reproductive toxicity</b>	This product is not expected to cause reproductive or developmental effects.
<b>Specific target organ toxicity - single exposure</b>	May cause drowsiness and dizziness.
<b>Specific target organ toxicity - repeated exposure</b>	May cause damage to organs through prolonged or repeated exposure: Nervous system.
<b>Aspiration hazard</b>	May be fatal if swallowed and enters airways. If aspirated into lungs during swallowing or vomiting, may cause chemical pneumonia, pulmonary injury or death.
<b>Chronic effects</b>	May cause damage to organs through prolonged or repeated exposure. Prolonged exposure may cause chronic effects.

**12. Ecological information**

**Ecotoxicity** Harmful to aquatic life with long lasting effects.

Components	Species	Test Results
1,2,4-trimethylbenzene (CAS 95-63-6)		
<b>Aquatic</b>		
Fish	LC50	Fathead minnow ( <i>Pimephales promelas</i> ) 7.19 - 8.28 mg/l, 96 hours
<i>Acute</i>		
Crustacea	EC50	Water flea ( <i>Daphnia magna</i> ) 3.6 mg/l, 48 hours
2-ethylhexanol (CAS 104-76-7)		
<b>Aquatic</b>		
Fish	LC50	Bluegill ( <i>Lepomis macrochirus</i> ) 10 - 33 mg/l, 96 hours
<i>Acute</i>		
Crustacea	EC50	Water flea ( <i>Daphnia magna</i> ) 39 mg/l, 48 hours
distillates (petroleum), hydrotreated light (CAS 64742-47-8)		
<b>Aquatic</b>		
<i>Acute</i>		
Crustacea	EC50	Water flea ( <i>Daphnia magna</i> ) 1.1 mg/l, 48 hours
Fish	LC50	Fathead minnow ( <i>Pimephales promelas</i> ) 3 mg/l, 96 hours
naphtha (petroleum), hydrotreated heavy (CAS 64742-48-9)		
<b>Aquatic</b>		
Crustacea	EC50	Water flea ( <i>Daphnia pulex</i> ) 2.7 - 5.1 mg/l, 48 hours
Fish	LC50	Rainbow trout, donaldson trout ( <i>Oncorhynchus mykiss</i> ) 8.8 mg/l, 96 hours
		8.8 mg/l, 96 hours



Components	Species		Test Results
naphthalene (CAS 91-20-3)			
<b>Aquatic</b>			
<i>Acute</i>			
Crustacea	EC50	Water flea (Daphnia magna)	1.09 - 3.4 mg/l, 48 hours
Fish	LC50	Rainbow trout,donaldson trout (Oncorhynchus mykiss)	1.6 mg/l, 96 hours
solvent naphtha (petroleum), heavy arom. (CAS 64742-94-5)			
<b>Aquatic</b>			
Crustacea	EC50	Water flea (Daphnia pulex)	2.7 - 5.1 mg/l, 48 hours
Fish	LC50	Rainbow trout,donaldson trout (Oncorhynchus mykiss)	8.8 mg/l, 96 hours
			8.8 mg/l, 96 hours
toluene (CAS 108-88-3)			
<b>Aquatic</b>			
<i>Acute</i>			
Crustacea	EC50	Water flea (Daphnia magna)	6 mg/l, 48 hours
Fish	LC50	Coho salmon,silver salmon (Oncorhynchus kisutch)	5.5 mg/l, 96 hours

\* Estimates for product may be based on additional component data not shown.

**Persistence and degradability** No data is available on the degradability of this product.

**Bioaccumulative potential**

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

naphthalene	3.3
toluene	2.73

**Bioconcentration factor (BCF)**

toluene	90
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**Mobility in soil** No data available.

**Other adverse effects** No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

**13. Disposal considerations**

**Disposal of waste from residues / unused products** If discarded, this product is considered a RCRA ignitable waste, D001. Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose in accordance with all applicable regulations.

**Hazardous waste code** D001: Waste Flammable material with a flash point <140 F

**Contaminated packaging** Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal.

**14. Transport information**

**DOT**

**Road**

Not regulated as dangerous goods by ground.

**DOT**

**Air**

<b>UN number</b>	UN1268
<b>UN proper shipping name</b>	Petroleum distillates, n.o.s. or Petroleum products, n.o.s., Limited Quantity
<b>Transport hazard class(es)</b>	
<b>Class</b>	3
<b>Subsidiary risk</b>	-
<b>Label(s)</b>	3
<b>Packing group</b>	III
<b>Special precautions for user</b>	Read safety instructions, SDS and emergency procedures before handling.
<b>Special provisions</b>	144, B1, IB3, T4, TP1, TP29



Packaging exceptions	150
Packaging non bulk	203
Packaging bulk	242

#### DOT

##### Maritime

UN number	UN1268
UN proper shipping name	Petroleum distillates, n.o.s. or Petroleum products, n.o.s., Limited Quantity
Transport hazard class(es)	
Class	3
Subsidiary risk	-
Label(s)	3
Packing group	III
Special precautions for user	Read safety instructions, SDS and emergency procedures before handling.
Special provisions	144, B1, IB3, T4, TP1, TP29
Packaging exceptions	150
Packaging non bulk	203
Packaging bulk	242

#### IATA

UN number	UN1268
UN proper shipping name	Petroleum products, n.o.s., Limited Quantity
Transport hazard class(es)	
Class	3
Subsidiary risk	-
Packing group	III
ERG Code	3L
Special precautions for user	Read safety instructions, SDS and emergency procedures before handling.
Other information	
Passenger and cargo aircraft	Allowed with restrictions.
Cargo aircraft only	Allowed with restrictions.

#### IMDG

UN number	UN1268
UN proper shipping name	PETROLEUM DISTILLATES, N.O.S. or PETROLEUM PRODUCTS, N.O.S., Limited Quantity
Transport hazard class(es)	
Class	3
Subsidiary risk	-
Packing group	III
Environmental hazards	
Marine pollutant	No.
EmS	F-E, S-E
Special precautions for user	Read safety instructions, SDS and emergency procedures before handling.

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## 15. Regulatory information

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**US federal regulations** This product is a registered fuel additive.  
All components are on the U.S. EPA TSCA Inventory List.  
This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

#### TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

Not regulated.

#### SARA 304 Emergency release notification

Not regulated.

#### OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Not regulated.

#### US EPCRA (SARA Title III) Section 313 - Toxic Chemical: Listed substance

1,2,4-trimethylbenzene (CAS 95-63-6)

naphthalene (CAS 91-20-3)

#### CERCLA Hazardous Substance List (40 CFR 302.4)

naphthalene (CAS 91-20-3) Listed.

toluene (CAS 108-88-3) Listed.

**CERCLA Hazardous Substances: Reportable quantity**

naphthalene (CAS 91-20-3) 100 LBS  
toluene (CAS 108-88-3) 1000 LBS

Spills or releases resulting in the loss of any ingredient at or above its RQ require immediate notification to the National Response Center (800-424-8802) and to your Local Emergency Planning Committee.

**Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List**

Not regulated.

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

Not regulated.

**Safe Drinking Water Act (SDWA)** Not regulated.

**Drug Enforcement Administration (DEA). List 2, Essential Chemicals (21 CFR 1310.02(b) and 1310.04(f)(2) and Chemical Code Number**

toluene (CAS 108-88-3) 6594

**Drug Enforcement Administration (DEA). List 1 & 2 Exempt Chemical Mixtures (21 CFR 1310.12(c))**

toluene (CAS 108-88-3) 35 %WV

**DEA Exempt Chemical Mixtures Code Number**

toluene (CAS 108-88-3) 594

**Food and Drug Administration (FDA)** Not regulated.

**Superfund Amendments and Reauthorization Act of 1986 (SARA)**

**Section 311/312** Immediate Hazard - Yes  
**Hazard categories** Delayed Hazard - Yes  
Fire Hazard - Yes  
Pressure Hazard - No  
Reactivity Hazard - No

**SARA 302 Extremely hazardous substance** No

**US state regulations**

**US. California. Candidate Chemicals List. Safer Consumer Products Regulations (Cal. Code Regs, tit. 22, 69502.3, subd. (a))**

1,2,4-trimethylbenzene (CAS 95-63-6)  
naphtha (petroleum), hydrotreated heavy (CAS 64742-48-9)  
naphthalene (CAS 91-20-3)  
toluene (CAS 108-88-3)

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

1,2,4-trimethylbenzene (CAS 95-63-6)  
naphtha (petroleum), hydrotreated heavy (CAS 64742-48-9)  
naphthalene (CAS 91-20-3)  
toluene (CAS 108-88-3)

**US. Massachusetts RTK - Substance List**

1,2,4-trimethylbenzene (CAS 95-63-6)  
2-ethylhexanol (CAS 104-76-7)  
naphtha (petroleum), hydrotreated heavy (CAS 64742-48-9)  
naphthalene (CAS 91-20-3)  
toluene (CAS 108-88-3)

**US. Pennsylvania Worker and Community Right-to-Know Law**

1,2,4-trimethylbenzene (CAS 95-63-6)  
2-ethylhexanol (CAS 104-76-7)  
distillates (petroleum), hydrotreated light (CAS 64742-47-8)  
naphthalene (CAS 91-20-3)  
toluene (CAS 108-88-3)

**US. Rhode Island RTK**

1,2,4-trimethylbenzene (CAS 95-63-6)  
naphtha (petroleum), hydrotreated heavy (CAS 64742-48-9)  
naphthalene (CAS 91-20-3)  
toluene (CAS 108-88-3)

## 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.

### US - California Proposition 65 - CRT: Listed date/Carcinogenic substance

benzene (CAS 71-43-2)	Listed: February 27, 1987
ethylbenzene (CAS 100-41-4)	Listed: June 11, 2004
ethylene oxide (CAS 75-21-8)	Listed: July 1, 1987
naphthalene (CAS 91-20-3)	Listed: April 19, 2002
propylene oxide (CAS 75-56-9)	Listed: October 1, 1988

### US - California Proposition 65 - CRT: Listed date/Developmental toxin

benzene (CAS 71-43-2)	Listed: December 26, 1997
ethylene oxide (CAS 75-21-8)	Listed: August 7, 2009
methanol (CAS 67-56-1)	Listed: March 16, 2012
toluene (CAS 108-88-3)	Listed: January 1, 1991

### US - California Proposition 65 - CRT: Listed date/Female reproductive toxin

ethylene oxide (CAS 75-21-8)	Listed: February 27, 1987
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### US - California Proposition 65 - CRT: Listed date/Male reproductive toxin

benzene (CAS 71-43-2)	Listed: December 26, 1997
ethylene oxide (CAS 75-21-8)	Listed: August 7, 2009

## Volatile organic compounds (VOC) regulations

### EPA

<b>VOC content (40 CFR 51.100(s))</b>	97.9 %
<b>Consumer products (40 CFR 59, Subpt. C)</b>	Not regulated

### State

<b>Consumer products</b>	Not regulated
<b>VOC content (CA)</b>	97.9 %
<b>VOC content (OTC)</b>	97.9 %

## International Inventories

Country(s) or region	Inventory name	On inventory (yes/no)*
Australia	Australian Inventory of Chemical Substances (AICS)	No
Canada	Domestic Substances List (DSL)	Yes
Canada	Non-Domestic Substances List (NDSL)	No
China	Inventory of Existing Chemical Substances in China (IECSC)	No
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	No
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	No
Korea	Existing Chemicals List (ECL)	No
New Zealand	New Zealand Inventory	Yes
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	Yes
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

\*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

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

<b>Issue date</b>	03-09-2015
<b>Revision date</b>	10-29-2015
<b>Prepared by</b>	Allison Yoon
<b>Version #</b>	02
<b>Further information</b>	CRC # 673D/1002712

**HMIS® ratings**

Health: 2\*  
Flammability: 2  
Physical hazard: 0  
Personal protection: B

**NFPA ratings**

Health: 2  
Flammability: 2  
Instability: 0

**NFPA ratings****Disclaimer**

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**Revision Information**

This document has undergone significant changes and should be reviewed in its entirety.