

### I. PRODUCT AND COMPANY IDENTIFICATION

Product Name: PRIME GRD 2CYC 6/1QT Product Code: PF0610P6 PG2CYCQT

**Emergency Phone:** CHEMTREC: +1 (800) 424-9300

International: +01 (703) 527-3887

**Poison Control** 

(800) 222-1222

**Center:** 

**Company:** Prime Guard

8295 Tournament Dr. Ste 150

Memphis, TN 38125

**Information Phone:** (662) 874-1283 **E-mail:** sds@wd-wpp.com

#### II. HAZARDS IDENTIFICATION

**Routes of Entry:** Skin contact, Inhalation, Ingestion, Eye contact

Target Organs: Skin, Eyes, Nervous System, Respiratory Tract, Blood, Kidneys, Liver, Bone

**Chemical Interactions:** No chemical interaction known to affect toxicity.

Conditions Aggravated Personnel with pre-existing skin disorders should avoid contact with this product., Skin

by Exposure: disease including eczema and sensitization, Respiratory disease including asthma and

bronchitis, Eye disease, Liver disease, Kidney disease

**Acute Health Effects:** 

Inhalation Irritation: Can cause moderate respiratory irritation, dizziness, weakness, fatigue, nausea and

headache.

**Skin Contact:** Can cause severe irritation, defatting, and dermatitis. Irritation effects may last for hours

or days but will not likely result in permanent damage. May cause skin irritation.

**Skin Absorption:** Harmful if absorbed through the skin. May cause severe irritation and systemic damage. **Eye Contact:** Contact with the eyes may cause moderate to severe eye injury. Eye contact may result

Contact with the eyes may cause moderate to severe eye injury. Eye contact may result in tearing and reddening, but not likely to permanently injure eye tissue. Temporary

vision impairment (cloudy or blurred vision) is possible.

**Ingestion Irritation:** Irritating to mouth, throat, and stomach. Can cause abdominal discomfort, nausea,

vomiting and diarrhea. Aspiration of material into the lungs can cause chemical

pneumonitis which can be fatal.

**Chronic Health Effects:** 

**Carcinogenicity:** Contains a known human carcinogen

**Reproductive** No data available to indicate product or any components present at greater than 0.1%

**Toxicity:** may cause birth defects. Possible reproductive hazard.

**Mutagenicity:** No data available to indicate product or any components present at greater than 0.1% is

mutagenic or genotoxic.

HMIS Ratings:Health:2Health:2Fire:1Fire:1Reactivity:0Reactivity:0PPE:B

KEY: 0 - Least 1 - Slight 2 - Moderate 3 - High 4 - Extreme

#### III. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	%	CAS#	OSHA Exposure Limits
Petroleum distillates, hydrotreated heavy paraffinic	30 - 60	64742-54-7	5 mg/m3
Residual oils, petroleum, solvent-refined	10 - 30	64742-01-4	
Petroleum distillates, hydrotreated middle	5 - 10	64742-46-7	5 mg/m3
Kerosine, petroleum, hydrodesulfurized	3 - 7	64742-81-0	
Petroleum distillates, solvent dewaxed heavy paraffinic	1 - 5	64742-65-0	5 mg/m3
Solvent-refined light paraffinic distillate	1 - 5	64741-89-5	5 mg/m3
Distillates, petroleum, straight-run middle	1 - 5	64741-44-2	
Kerosene	1 - 5	8008-20-6	
Distillates, petroleum, hydrodesulfurized light catalytic cracked	1 - 5	68333-25-5	
Distillates, petroleum, hydrodesulfurized middle	1 - 5	64742-80-9	5 mg/m3
Light hydrocracked distillate	1 - 5	64741-77-1	
Naphthalene	0.1 - 1	91-20-3	10 ppm TWA; 50 mg/m3 TWA
Toluene	0.1 - 1	108-88-3	200 ppm TWA 300 ppm
			Ceiling
Benzene	0.1 - 1	71-43-2	10 ppm TWA (applies to
			industry segments exempt from
			the benzene standard at 29 CFR
			1910.1028); 1 ppm TWA 25
			ppm Ceiling
Ethylbenzene	0.1 - 1	100-41-4	100 ppm TWA; 435 mg/m3
·			TWA

Components not listed are not physical or health hazards as defined in 29 CFR 1910.1200 (Hazard Communication Standard).

#### IV. FIRST-AID MEASURES

Inhalation:	Remove to fresh air. If breathing is difficult, have a trained individual administer
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oxygen. If not breathing, give artificial respiration and have a trained individual

administer oxygen and get medical attention immediately.

**Eyes:** Immediately flush eyes with plenty of water for at least 20 minutes retracting eyelids

often. Tilt the head to prevent chemical from transferring to the uncontaminated eye. Get immediate medical attention and monitor the eye daily as advised by your physician. Wash with soap and water. Remove contaminated clothing, launder immediately, and

discard contaminated leather goods. Get medical attention immediately. Seek medical

advice if symptoms persist.

**Ingestion:** Do not induce vomiting and seek medical attention immediately. Provide medical care

> provider with this SDS. Induce vomiting as a last measure. Induced vomiting may lead to aspiration of the material into the lungs potentially causing chemical pneumonitis that may be fatal. Contains a harmful substance. Seek medical help immediately and contact

a poison information service. Drink two glasses of water or milk to dilute.

**Notes to Doctor:** Aspiration during swallowing or vomiting may severely damage the lungs. If evacuation

of stomach contents is necessary, use method least likely to cause aspiration.

#### V. FIRE FIGHTING MEASURES

**Flammability** Combustible at elevated temperatures

**Summary:** 

**Skin Contact:** 

**Extinguishing Media:** Use alcohol resistant foam, carbon dioxide, or dry chemical when fighting fires. Water

> or foam may cause frothing if liquid is burning but it still may be a useful extinguishing agent if carefully applied to the surface of the fire. Do not direct a stream of water into

the hot burning liquid.

Fire and/or Explosion

Hazards:

Material may be ignited only if preheated to temperatures above the high flash point, for

example in a fire.

**Fire Fighting Methods** and Protection:

Do not enter fire area without proper protection including self- contained breathing apparatus and full protective equipment. Use methods for the surrounding fire.

Hazardous Carbon monoxide, Smoke

#### **Combustion Products:**

#### VI. ACCIDENTAL RELEASE MEASURES

Personal Precautions and Equipment:

Exposure to the spilled material may be irritating or harmful. Follow personal protective equipment recommendations found in Section 8 of this SDS. Additional precautions may be necessary based on special circumstances created by the spill including; the material spilled, the quantity of the spill, the area in which the spill occurred. Also consider the expertise of employees in the area responding to the spill.

**Methods for Clean-up:** 

Prevent the spread of any spill to minimize harm to human health and the environment if safe to do so. Wear complete and proper personal protective equipment following the recommendation of Section 8 at a minimum. Dike with suitable absorbent material like granulated clay. Dispose of according to Federal, State, Local, or Provincial regulations. Used fluid should be disposed of at a recycling center. Remove from water surface by skimming or with suitable absorbents. Do not use dispersants. Avoid runoff into storm sewers and ditches that lead to waterways. Do not flush to sewer.

#### VII. HANDLING AND STORAGE

Handling Precautions: Harmful or irritating material. Avoid contacting and avoid breathing the material. Use

only in a well ventilated area. Empty containers may retain product residues/ vapors.

Use proper bonding and grounding during bulk product transfer.

**Storage Conditions:** Store in a cool dry place. Isolate from incompatible materials.

### VIII. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Engineering Controls:** Local exhaust ventilation or other engineering controls are normally required when

handling or using this product to avoid overexposure.

**Respiratory** Respiratory protection may be required to avoid overexposure when handling this

**Protection:** product. General or local exhaust ventilation is the preferred means of protection. Use a

respirator if general room ventilation is not available or sufficient to eliminate

symptoms.

**Respirator Type(s):** None required where adequate ventilation is provided. If airborne concentrations are

above the applicable exposure limits, use NIOSH/MSHA approved respiratory

protection.

**Eve Protection:** Wear chemically resistant safety glasses with side shields when handling this product.

Wear additional eye protection such as chemical splash goggles and/or face shield when the possibility exists for eye contact with splashing or spraying liquid, or airborne

material. Do not wear contact lenses. Have an eye wash station available.

**Skin Protection:** Avoid skin contact by wearing chemically resistant gloves, an apron and other

protective equipment depending upon conditions of use. Inspect gloves for chemical break-through and replace at regular intervals. Clean protective equipment regularly. Wash hands and other exposed areas with mild soap and water before eating, drinking,

and when leaving work.

Gloves: Neoprene, Nitrile

### **Control Parameters:**

ACGIH TLV -TWA	ACGIH STEL	IDLH	NIOSH STEL
5 mg/m3	10 mg/m3		
5 mg/m3	10 mg/m3		
200 mg/m3			
TWA			
(application			
restricted to			
conditions in			
which there			
are negligible			
	-TWA 5 mg/m3 5 mg/m3 200 mg/m3 TWA (application restricted to conditions in which there	-TWA STEL 5 mg/m3 10 mg/m3 5 mg/m3 10 mg/m3 200 mg/m3 TWA (application restricted to conditions in which there	-TWA STEL 5 mg/m3 10 mg/m3 5 mg/m3 10 mg/m3 200 mg/m3 TWA (application restricted to conditions in which there

aerosol exposures, total hydrocarbon vapor) 10 mg/m3 Petroleum distillates, solvent dewaxed heavy paraffinic 5 mg/m3Solvent-refined light paraffinic distillate 10 mg/m3 5 mg/m3 Distillates, petroleum, straight-run middle Kerosene 200 mg/m3 **TWA** (application restricted to conditions in which there are negligible aerosol exposures, total hydrocarbon vapor) Distillates, petroleum, hydrodesulfurized light catalytic cracked Distillates, petroleum, hydrodesulfurized middle 10 mg/m3 5 mg/m3 Light hydrocracked distillate Naphthalene 15 ppm STEL; 10 ppm TWA 15 ppm STEL 250 ppm 75 mg/m3 IDLH **STEL** Toluene 20 ppm TWA 500 ppm 150 ppm **IDLH** STEL; 560 mg/m3 STEL Benzene 0.5 ppm TWA 2.5 ppm 500 ppm 1 ppm STEL **STEL** IDLH

20 ppm TWA

### X. PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Liquid Color: Blue Odor: Mild

**pH:** Not determined

Viscosity (cSt at 30.07

40°C):

Ethylbenzene

Solubility in Water: Not determined Not determined Not determined

**Partition Coefficient:** 

**Evaporation Rate:** Not determined

Vapor Density: 4.42 Vapor Pressure: <0.20

**Boiling Point (°C):** Not determined Freezing Point (°C): -20 -40 **Specific Gravity:** 0.86

Density: 7.2
Flash Point (°C): 165
Flash Point Method: COC

800 ppm

LEL)

**IDLH** (10%

125 ppm

STEL; 545

mg/m3 STEL

**Upper Flammability** 

= 10

Limit, % in air:

**Lower Flammability** 

= 1

Limit, % in air:

### X. STABILITY AND REACTIVITY

Stability: Stable under normal conditions. Hazardous polymerization will not occur

**Conditions to Avoid:** Temperatures above the high flash point of this combustible material in combination

with sparks, open flames, or other sources of ignition. Moisture (will lead to product

performance degradation).

Materials to Avoid: Strong oxidizing agents

**Hazardous Decomp.** Carbon monoxide, Smoke, Carbon monoxide, sulfur oxides, aldehydes, and other petroleum decomposition products in the case of incomplete combustion. Oxides of the case of incomplete combustion.

petroleum decomposition products in the case of incomplete combustion. Oxides of nitrogen, phosphorus, calcium, copper, magnesium, sodium, and hydrogen sulfide may

also be present.

**Hazardous** Hazardous polymerization will not occur.

**Polymerization:** 

#### XI. TOXICOLOGICAL INFORMATION

**Acute Toxicity:** 

Ingestion: Harmful if swallowed. May cause systemic poisoning.

Inhalation: Harmful! Can cause systemic damage (see "Target Organs").

**Absorption:** Harmful if absorbed through the skin. May cause severe irritation and systemic damage.

**Eyes:** This material is likely to be severely irritating to eyes based on animal data.

**Skin:** This material is estimated to be severely irritating (Primary Irritation Index is 6.0 - 6.5

[rabbits]).

**Sensitization:** Negative skin sensitizer

**Component Toxicology Data:** 

Chemical Name	CAS#	LD50/LC50
Distillates (petroleum), hydrotreated heavy	64742-54-7	Inhalation LC50 Rat 2.18 mg/L 4 h; Oral
paraffinic		LD50 Rat >2000 mg/kg; Dermal LD50 Rabbit
		>2000 mg/kg
Residual oils (petroleum), solvent-refined	64742-01-4	Inhalation LC50 Rat 2.18 mg/L 4 h (Source:
		IUCLID); Oral LD50 Rat >5000 mg/kg
		(Source: IUCLID); Dermal LD50 Rabbit
		>2000 mg/kg (Source: IUCLID)
Petroleum distillates, hydrotreated middle	64742-46-7	Inhalation LC50 Rat 4.6 mg/L 4 h (Source:
		IUCLID); Oral LD50 Rat 7400 mg/kg (Source:
		IUCLID); Dermal LD50 Rabbit >2000 mg/kg
		(Source: IUCLID)
Kerosine, petroleum, hydrodesulfurized	64742-81-0	Inhalation LC50 Rat >5.2 mg/L 4 h (Source:
		IUCLID); Oral LD50 Rat >5000 mg/kg
		(Source: IUCLID); Dermal LD50 Rabbit
		>2000 mg/kg (Source: IUCLID)
Distillates (petroleum), solvent-refined light	64741-89-5	Inhalation LC50 Rat 2.18 mg/L 4 h (Source:
paraffinic		IUCLID); Oral LD50 Rat >5000 mg/kg
		(Source: IUCLID); Dermal LD50 Rabbit >5
		g/kg (Source: NLM_CIP)
Distillates (petroleum), straight-run middle	64741-44-2	Oral LD50 Rat 5000 mg/kg (Source: IUCLID);
		Dermal LD50 Rabbit >2000 mg/kg (Source:
		IUCLID); Inhalation LC50 Rat 1700 mg/m3 4
		h (Source: NLM_CIP)
Kerosene	8008-20-6	Inhalation LC50 Rat >5.28 mg/L 4 h (Source:
		IUCLID); Oral LD50 Rat >5000 mg/kg
		(Source: IUCLID); Dermal LD50 Rabbit

Distillates, petroleum, hydrodesulfurized light catalytic cracked	68333-25-5	>2000 mg/kg (Source: IUCLID) Inhalation LC50 Rat 4.65 mg/L 4 h (Source: IUCLID); Oral LD50 Rat 3200 mg/kg (Source: IUCLID); Dermal LD50 Rat >2000 mg/kg (Source: IUCLID); Dermal LD50 Rabbit >2000 mg/kg (Source: IUCLID)
Distillates (petroleum), hydrodesulfurized middle	64742-80-9	Oral LD50 Rat >5000 mg/kg (Source: IUCLID); Dermal LD50 Rat >2000 mg/kg (Source: IUCLID); Dermal LD50 Rabbit >2000 mg/kg (Source: IUCLID); Inhalation LC50 Rat 4600 mg/m3 4 h (Source: NLM_CIP)
Distillates, petroleum, light hydrocracked	64741-77-1	Inhalation LC50 Rat 4.65 mg/L 4 h (Source: IUCLID); Oral LD50 Rat 3200 mg/kg (Source: IUCLID); Dermal LD50 Rat >2000 mg/kg (Source: IUCLID); Dermal LD50 Rabbit >2000 mg/kg (Source: IUCLID)
Naphthalene	91-20-3	Dermal LD50 Rabbit >20 g/kg (Source: NLM_CIP); Inhalation LC50 Rat >340 mg/m3 1 h (Source: NLM_CIP)
Toluene	108-88-3	Inhalation LC50 Rat 12.5 mg/L 4 h (Source: IUCLID); Inhalation LC50 Rat >26700 ppm 1 h (Source: IUCLID); Oral LD50 Rat 636 mg/kg (Source: IUCLID); Dermal LD50 Rabbit 8390 mg/kg (Source: IUCLID)
Benzene	71-43-2	Inhalation LC50 Rat 13050 - 14380 ppm 4 h (Source: IUCLID)
Benzene, ethyl-	100-41-4	Inhalation LC50 Rat 17.2 mg/L 4 h (Source: IUCLID); Oral LD50 Rat 3500 mg/kg (Source: IUCLID); Dermal LD50 Rabbit 15354 mg/kg (Source: IUCLID)

### XII. ECOLOGICAL INFORMATION

Overview: Moderate ecological hazard. This product may be dangerous to plants and/or wildlife.

Mobility: This material is expected to have essentially no mobility in soil. It absorbs strongly to

most soil types.

**Persistence:** Biodegradation, adsorption to sediment, and bioconcentration to aquatic organisms

should not be significant.

**Bioconcentration:** Bioconcentration may occur.

**Degradability:** Biodegrades slowly.

<b>Toxicity to Aquatic Invertebrates:</b> Petroleum distillates, hydrotreated heavy	<b>CAS</b> # 64742-54-7	Results 48 Hr EC50 Daphnia magna: >1000 mg/L
paraffinic Residual oils (petroleum), solvent- refined	64742-01-4	48 Hr EC50 Daphnia magna: >1000 mg/L
Kerosine, petroleum, hydrodesulfurized	64742-81-0	48 Hr LC50 Den-dronereides heteropoda: 4720 mg/L
Petroleum distillates, solvent dewaxed	64742-65-0	48 Hr EC50 Daphnia magna: >1000 mg/L
heavy paraffinic	01712 03 0	To The 2000 Buplinia magnative 1000 mg/2
Petroleum distillates, solvent-refined ligh paraffinic	64741-89-5	48 Hr EC50 Daphnia magna: >1000 mg/L
Naphthalene	91-20-3	48 Hr LC50 Daphnia magna: 2.16 mg/L; 48 Hr EC50 Daphnia magna: 1.96 mg/L [Flow through]; 48
		Hr EC50 Daphnia magna: 1.09 - 3.4 mg/L [Static]
Toluene	108-88-3	48 Hr EC50 Daphnia magna: 5.46 - 9.83 mg/L
		[Static]; 48 Hr EC50 Daphnia magna: 11.5 mg/L
Benzene	71-43-2	48 Hr EC50 Daphnia magna: 8.76 - 15.6 mg/L [Static]; 48 Hr EC50 Daphnia magna: 10 mg/L
ethylbenzene	100-41-4	48 Hr EC50 Daphnia magna: 1.8 - 2.4 mg/L
Naphthalene	91-20-3	72 Hr EC50 Skeletonema costatum: 0.4 mg/L
Toluene	108-88-3	96 Hr EC50 Pseudokirchneriella subcapitata: >433 mg/L; 72 Hr EC50 Pseudokirchneriella subcapitata:
D	71 42 2	12.5 mg/L [static]
Benzene	71-43-2	72 Hr EC50 Pseudokirchneriella subcapitata: 29
ethylbenzene	100-41-4	mg/L 72 Hr EC50 Pseudokirchneriella subcapitata: 4.6 mg/L; 96 Hr EC50 Pseudokirchneriella subcapitata:
		>438 mg/L; 72 Hr EC50 Pseudokirchneriella
		subcapitata: 2.6 - 11.3 mg/L [static]; 96 Hr EC50
		Pseudokirchneriella subcapitata: 1.7 - 7.6 mg/L
		[static]
Tovicity to Fish.	CAS#	
Toxicity to Fish: Petroleum distillates, hydrotreated heavy	CAS # 64742-54-7	[static]  Results  96 Hr LC50 Oncorhynchus mykiss: >5000 mg/L
		Results
Petroleum distillates, hydrotreated heavy paraffinic Residual oils (petroleum), solvent-	64742-54-7	Results 96 Hr LC50 Oncorhynchus mykiss: >5000 mg/L 96 Hr LC50 Oncorhynchus mykiss: >5000 mg/L 96 Hr LC50 Pimephales promelas: 35 mg/L [flowthrough]; 96 Hr LC50 Pimephales promelas: >10000
Petroleum distillates, hydrotreated heavy paraffinic Residual oils (petroleum), solvent- refined Petroleum distillates, hydrotreated middle	64742-54-7 64742-01-4 64742-46-7	Results 96 Hr LC50 Oncorhynchus mykiss: >5000 mg/L 96 Hr LC50 Oncorhynchus mykiss: >5000 mg/L 96 Hr LC50 Pimephales promelas: 35 mg/L [flowthrough]; 96 Hr LC50 Pimephales promelas: >10000 mg/L [static]
Petroleum distillates, hydrotreated heavy paraffinic Residual oils (petroleum), solvent- refined Petroleum distillates, hydrotreated	64742-54-7 64742-01-4	Results 96 Hr LC50 Oncorhynchus mykiss: >5000 mg/L 96 Hr LC50 Pimephales promelas: 35 mg/L [flow-through]; 96 Hr LC50 Pimephales promelas: >10000 mg/L [static] 96 Hr LC50 Pimephales promelas: 45 mg/L [flow-through]; 96 Hr LC50 Lepomis macrochirus: 1740
Petroleum distillates, hydrotreated heavy paraffinic Residual oils (petroleum), solvent- refined Petroleum distillates, hydrotreated middle Kerosine, petroleum, hydrodesulfurized	64742-54-7 64742-01-4 64742-46-7 64742-81-0	Results 96 Hr LC50 Oncorhynchus mykiss: >5000 mg/L 96 Hr LC50 Pimephales promelas: 35 mg/L [flow-through]; 96 Hr LC50 Pimephales promelas: >10000 mg/L [static] 96 Hr LC50 Pimephales promelas: 45 mg/L [flow-through]; 96 Hr LC50 Lepomis macrochirus: 1740 mg/L [static]
Petroleum distillates, hydrotreated heavy paraffinic Residual oils (petroleum), solvent- refined Petroleum distillates, hydrotreated middle Kerosine, petroleum, hydrodesulfurized Petroleum distillates, solvent dewaxed	64742-54-7 64742-01-4 64742-46-7	Results 96 Hr LC50 Oncorhynchus mykiss: >5000 mg/L 96 Hr LC50 Pimephales promelas: 35 mg/L [flow-through]; 96 Hr LC50 Pimephales promelas: >10000 mg/L [static] 96 Hr LC50 Pimephales promelas: 45 mg/L [flow-through]; 96 Hr LC50 Lepomis macrochirus: 1740
Petroleum distillates, hydrotreated heavy paraffinic Residual oils (petroleum), solvent- refined Petroleum distillates, hydrotreated middle Kerosine, petroleum, hydrodesulfurized  Petroleum distillates, solvent dewaxed heavy paraffinic Petroleum distillates, solvent-refined ligh	64742-54-7 64742-01-4 64742-46-7 64742-81-0	Results 96 Hr LC50 Oncorhynchus mykiss: >5000 mg/L 96 Hr LC50 Pimephales promelas: 35 mg/L [flow-through]; 96 Hr LC50 Pimephales promelas: >10000 mg/L [static] 96 Hr LC50 Pimephales promelas: 45 mg/L [flow-through]; 96 Hr LC50 Lepomis macrochirus: 1740 mg/L [static]
Petroleum distillates, hydrotreated heavy paraffinic Residual oils (petroleum), solvent- refined Petroleum distillates, hydrotreated middle  Kerosine, petroleum, hydrodesulfurized  Petroleum distillates, solvent dewaxed heavy paraffinic Petroleum distillates, solvent-refined ligh paraffinic Distillates, petroleum, hydrodesulfurized	64742-54-7 64742-01-4 64742-46-7 64742-81-0 64742-65-0	Results 96 Hr LC50 Oncorhynchus mykiss: >5000 mg/L 96 Hr LC50 Oncorhynchus mykiss: >5000 mg/L 96 Hr LC50 Pimephales promelas: 35 mg/L [flow-through]; 96 Hr LC50 Pimephales promelas: >10000 mg/L [static] 96 Hr LC50 Pimephales promelas: 45 mg/L [flow-through]; 96 Hr LC50 Lepomis macrochirus: 1740 mg/L [static] 96 Hr LC50 Oncorhynchus mykiss: >5000 mg/L 96 Hr LC50 Oncorhynchus mykiss: >5000 mg/L
Petroleum distillates, hydrotreated heavy paraffinic Residual oils (petroleum), solvent-refined Petroleum distillates, hydrotreated middle  Kerosine, petroleum, hydrodesulfurized  Petroleum distillates, solvent dewaxed heavy paraffinic Petroleum distillates, solvent-refined ligh paraffinic Distillates, petroleum, hydrodesulfurized light catalytic cracked Petroleum distillates, hydrodesulfurized	64742-54-7 64742-01-4 64742-46-7 64742-81-0 64742-65-0 64741-89-5	Results 96 Hr LC50 Oncorhynchus mykiss: >5000 mg/L 96 Hr LC50 Pimephales promelas: 35 mg/L [flow-through]; 96 Hr LC50 Pimephales promelas: >10000 mg/L [static] 96 Hr LC50 Pimephales promelas: 45 mg/L [flow-through]; 96 Hr LC50 Lepomis macrochirus: 1740 mg/L [static] 96 Hr LC50 Oncorhynchus mykiss: >5000 mg/L 96 Hr LC50 Oncorhynchus mykiss: >5000 mg/L 96 Hr LC50 Brachydanio rerio: 7.3 mg/L [semi-static] 96 Hr LC50 Pimephales promelas: 35 mg/L [flow-
Petroleum distillates, hydrotreated heavy paraffinic Residual oils (petroleum), solvent- refined Petroleum distillates, hydrotreated middle  Kerosine, petroleum, hydrodesulfurized  Petroleum distillates, solvent dewaxed heavy paraffinic Petroleum distillates, solvent-refined ligh paraffinic Distillates, petroleum, hydrodesulfurized light catalytic cracked Petroleum distillates, hydrodesulfurized middle Distillates, petroleum, light	64742-54-7 64742-01-4 64742-46-7 64742-81-0 64742-65-0 64741-89-5 68333-25-5	Results 96 Hr LC50 Oncorhynchus mykiss: >5000 mg/L 96 Hr LC50 Pimephales promelas: 35 mg/L [flow-through]; 96 Hr LC50 Pimephales promelas: >10000 mg/L [static] 96 Hr LC50 Pimephales promelas: 45 mg/L [flow-through]; 96 Hr LC50 Lepomis macrochirus: 1740 mg/L [static] 96 Hr LC50 Oncorhynchus mykiss: >5000 mg/L 96 Hr LC50 Oncorhynchus mykiss: >5000 mg/L 96 Hr LC50 Brachydanio rerio: 7.3 mg/L [semi-static] 96 Hr LC50 Pimephales promelas: 35 mg/L [flow-through] 96 Hr LC50 Brachydanio rerio: 7.3 mg/L [semi-static]
Petroleum distillates, hydrotreated heavy paraffinic Residual oils (petroleum), solvent- refined Petroleum distillates, hydrotreated middle  Kerosine, petroleum, hydrodesulfurized  Petroleum distillates, solvent dewaxed heavy paraffinic Petroleum distillates, solvent-refined ligh paraffinic Distillates, petroleum, hydrodesulfurized light catalytic cracked Petroleum distillates, hydrodesulfurized middle	64742-54-7 64742-01-4 64742-46-7 64742-81-0 64742-65-0 64741-89-5 68333-25-5 64742-80-9	Results 96 Hr LC50 Oncorhynchus mykiss: >5000 mg/L 96 Hr LC50 Pimephales promelas: 35 mg/L [flow-through]; 96 Hr LC50 Pimephales promelas: >10000 mg/L [static] 96 Hr LC50 Pimephales promelas: 45 mg/L [flow-through]; 96 Hr LC50 Lepomis macrochirus: 1740 mg/L [static] 96 Hr LC50 Oncorhynchus mykiss: >5000 mg/L 96 Hr LC50 Oncorhynchus mykiss: >5000 mg/L 96 Hr LC50 Brachydanio rerio: 7.3 mg/L [semi-static] 96 Hr LC50 Pimephales promelas: 35 mg/L [flow-through] 96 Hr LC50 Brachydanio rerio: 7.3 mg/L [semi-static] 96 Hr LC50 Pimephales promelas: 5.74 - 6.44 mg/L
Petroleum distillates, hydrotreated heavy paraffinic Residual oils (petroleum), solvent- refined Petroleum distillates, hydrotreated middle  Kerosine, petroleum, hydrodesulfurized  Petroleum distillates, solvent dewaxed heavy paraffinic Petroleum distillates, solvent-refined ligh paraffinic Distillates, petroleum, hydrodesulfurized light catalytic cracked Petroleum distillates, hydrodesulfurized middle Distillates, petroleum, light hydrocracked	64742-54-7 64742-01-4 64742-46-7 64742-81-0 64742-65-0 64741-89-5 68333-25-5 64742-80-9 64741-77-1	Results 96 Hr LC50 Oncorhynchus mykiss: >5000 mg/L 96 Hr LC50 Pimephales promelas: 35 mg/L [flow-through]; 96 Hr LC50 Pimephales promelas: >10000 mg/L [static] 96 Hr LC50 Pimephales promelas: 45 mg/L [flow-through]; 96 Hr LC50 Lepomis macrochirus: 1740 mg/L [static] 96 Hr LC50 Oncorhynchus mykiss: >5000 mg/L 96 Hr LC50 Oncorhynchus mykiss: >5000 mg/L 96 Hr LC50 Brachydanio rerio: 7.3 mg/L [semi-static] 96 Hr LC50 Pimephales promelas: 35 mg/L [flow-through] 96 Hr LC50 Pimephales promelas: 5.74 - 6.44 mg/L [flow-through]; 96 Hr LC50 Oncorhynchus mykiss:
Petroleum distillates, hydrotreated heavy paraffinic Residual oils (petroleum), solvent- refined Petroleum distillates, hydrotreated middle  Kerosine, petroleum, hydrodesulfurized  Petroleum distillates, solvent dewaxed heavy paraffinic Petroleum distillates, solvent-refined ligh paraffinic Distillates, petroleum, hydrodesulfurized light catalytic cracked Petroleum distillates, hydrodesulfurized middle Distillates, petroleum, light hydrocracked	64742-54-7 64742-01-4 64742-46-7 64742-81-0 64742-65-0 64741-89-5 68333-25-5 64742-80-9 64741-77-1	Results 96 Hr LC50 Oncorhynchus mykiss: >5000 mg/L  96 Hr LC50 Pimephales promelas: 35 mg/L [flow-through]; 96 Hr LC50 Pimephales promelas: >10000 mg/L [static] 96 Hr LC50 Pimephales promelas: 45 mg/L [flow-through]; 96 Hr LC50 Lepomis macrochirus: 1740 mg/L [static] 96 Hr LC50 Oncorhynchus mykiss: >5000 mg/L  96 Hr LC50 Oncorhynchus mykiss: >5000 mg/L  96 Hr LC50 Brachydanio rerio: 7.3 mg/L [semi-static] 96 Hr LC50 Pimephales promelas: 35 mg/L [flow-through] 96 Hr LC50 Pimephales promelas: 5.74 - 6.44 mg/L [flow-through]; 96 Hr LC50 Oncorhynchus mykiss: 1.6 mg/L [flow-through]; 96 Hr LC50 Oncorhynchus mykiss: 0.91 - 2.82 mg/L [static]; 96 Hr LC50
Petroleum distillates, hydrotreated heavy paraffinic Residual oils (petroleum), solvent- refined Petroleum distillates, hydrotreated middle  Kerosine, petroleum, hydrodesulfurized  Petroleum distillates, solvent dewaxed heavy paraffinic Petroleum distillates, solvent-refined ligh paraffinic Distillates, petroleum, hydrodesulfurized light catalytic cracked Petroleum distillates, hydrodesulfurized middle Distillates, petroleum, light hydrocracked	64742-54-7 64742-01-4 64742-46-7 64742-81-0 64742-65-0 64741-89-5 68333-25-5 64742-80-9 64741-77-1	Results 96 Hr LC50 Oncorhynchus mykiss: >5000 mg/L 96 Hr LC50 Pimephales promelas: 35 mg/L [flow-through]; 96 Hr LC50 Pimephales promelas: >10000 mg/L [static] 96 Hr LC50 Pimephales promelas: 45 mg/L [flow-through]; 96 Hr LC50 Lepomis macrochirus: 1740 mg/L [static] 96 Hr LC50 Oncorhynchus mykiss: >5000 mg/L 96 Hr LC50 Oncorhynchus mykiss: >5000 mg/L 96 Hr LC50 Brachydanio rerio: 7.3 mg/L [semi-static] 96 Hr LC50 Pimephales promelas: 35 mg/L [flow-through] 96 Hr LC50 Pimephales promelas: 5.74 - 6.44 mg/L [flow-through]; 96 Hr LC50 Oncorhynchus mykiss: 1.6 mg/L [flow-through]; 96 Hr LC50 Oncorhynchus

Toluene	108-88-3	LC50 Lepomis macrochirus: 31.0265 mg/L [static] 96 Hr LC50 Pimephales promelas: 15.22 - 19.05 mg/L [flow-through] (1 day old); 96 Hr LC50 Pimephales promelas: 12.6 mg/L [static]; 96 Hr LC50 Oncorhynchus mykiss: 5.89 - 7.81 mg/L [flow-through]; 96 Hr LC50 Oncorhynchus mykiss: 14.1 - 17.16 mg/L [static]; 96 Hr LC50 Oncorhynchus mykiss: 5.8 mg/L [semi-static]; 96 Hr LC50 Lepomis macrochirus: 11.0 - 15.0 mg/L [static]; 96 Hr LC50 Oryzias latipes: 54 mg/L [static]; 96 Hr LC50 Poecilia reticulata: 28.2 mg/L [semi-static]; 96 Hr LC50 Poecilia reticulata: 50.87 - 70.34 mg/L [static]
Benzene	71-43-2	96 Hr LC50 Pimephales promelas: 10.7 - 14.7 mg/L [flow-through]; 96 Hr LC50 Oncorhynchus mykiss: 5.3 mg/L [flow-through]; 96 Hr LC50 Lepomis macrochirus: 22.49 mg/L [static]; 96 Hr LC50 Poecilia reticulata: 28.6 mg/L [static]; 96 Hr LC50 Pimephales promelas: 22330 - 41160 μg/L [static]; 96 Hr LC50 Lepomis macrochirus: 70000 - 142000 μg/L [static]
ethylbenzene	100-41-4	96 Hr LC50 Oncorhynchus mykiss: 11.0 - 18.0 mg/L [static]; 96 Hr LC50 Oncorhynchus mykiss: 4.2 mg/L [semi-static]; 96 Hr LC50 Pimephales promelas: 7.55 - 11 mg/L [flow-through]; 96 Hr LC50 Lepomis macrochirus: 32 mg/L [static]; 96 Hr LC50 Pimephales promelas: 9.1 - 15.6 mg/L [static]; 96 Hr LC50 Poecilia reticulata: 9.6 mg/L [static]

### XIII. DISPOSAL CONSIDERATIONS

**Disposal of Packaging:** Recycle containers whenever possible.

**Disposal Methods**: Dispose of by incineration following Federal, State, Local, or Provincial regulations.

### XIV. TRANSPORTATION INFORMATION

**D.O.T.** Not classified as hazardous for transport (DOT, TDG, IMO/IMDG, IATA/ICAO).

### XV. REGULATORY INFORMATION

**TSCA Status:** All components of this material are on the US TSCA Inventory or are exempt.

**State Restrictions:** Not applicable **WHMIS:** B3, D2B

Chemical Name	Regulation	CAS#	% Range
Naphthalene	CERCLA RQ	91-20-3	
Benzene, methyl-	CERCLA RQ	108-88-3	
Benzene	CERCLA RQ	71-43-2	
ethylbenzene	CERCLA RQ	100-41-4	
Naphthalene	SARA 313	91-20-3	0.1 - 1
Xylene (mixed isomers)	SARA 313	1330-20-7	0.1 - 1
Toluene	SARA 313	108-88-3	0.1 - 1
Benzene	SARA 313	71-43-2	0.1 - 1
ethylbenzene	SARA 313	100-41-4	0.1 - 1
Biphenyl	SARA 313	92-52-4	0.01 - 0.1
None.	SARA 302-EHS		
None.	TSCA 12b export		

PRIME GRD 2CYC 6/1QT

Chemical Name	Regulation	CAS#	% Range
Chemical I (alice	notification	C115 "	, o mange
Naphthalene	CA Prop 65 – Cancer	91-20-3	0.1 - 1
Benzene	CA Prop 65 – Cancer	71-43-2	0.1 - 1
ethylbenzene	CA Prop 65 – Cancer	100-41-4	0.1 - 1
Toluene	CA Prop 65 - Dev. Toxicity	108-88-3	0.1 - 1
Benzene	CA Prop 65 - Dev. Toxicity	71-43-2	0.1 - 1
Toluene	CA Prop 65 - Reprod –fem	108-88-3	0.1 - 1
Benzene	CA Prop 65 - Reprod –male	71-43-2	0.1 - 1
Hydrotreated middle distillate	Canadian WHMIS List	64742-46-7	5 - 10
(petroleum)			
Kerosine (petroleum),	Canadian WHMIS List	64742-81-0	3 - 7
hydrodesulfurized			
Kerosene	Canadian WHMIS List	8008-20-6	1 - 5
Naphthalene	Canadian WHMIS List	91-20-3	0.1 - 1
Toluene	Canadian WHMIS List	108-88-3	0.1 - 1
Benzene	Canadian WHMIS List	71-43-2	0.1 - 1
ethylbenzene	Canadian WHMIS List	100-41-4	0.1 - 1
Mineral oil, petroleum	Massachusetts RTK List	64741-89-5	1 - 5
distillates, solvent-refined light			
paraffinic			
Kerosine	Massachusetts RTK List	8008-20-6	1 - 5
Naphthalene	Massachusetts RTK List	91-20-3	0.1 - 1
Toluene	Massachusetts RTK List	108-88-3	0.1 - 1
Benzene	Massachusetts RTK List	71-43-2	0.1 - 1
ethylbenzene	Massachusetts RTK List	100-41-4	0.1 - 1
Kerosene	New Jersey RTK List	8008-20-6	1 - 5
Naphthalene	New Jersey RTK List	91-20-3	0.1 - 1
Toluene	New Jersey RTK List	108-88-3	0.1 - 1
Benzene	New Jersey RTK List	71-43-2	0.1 - 1
ethylbenzene	New Jersey RTK List	100-41-4	0.1 - 1
Kerosine	Pennsylvania RTK List	8008-20-6	1 - 5
Naphthalene	Pennsylvania RTK List	91-20-3	0.1 - 1
Benzene, methyl-	Pennsylvania RTK List	108-88-3	0.1 - 1
Benzene	Pennsylvania RTK List	71-43-2	0.1 - 1
Benzene, ethyl-	Pennsylvania RTK List	100-41-4	0.1 - 1
Naphthalene	Minnesota Hazardous	91-20-3	0.1 - 1
	Substance List		
Toluene	Minnesota Hazardous	108-88-3	0.1 - 1
	Substance List		
Benzene	Minnesota Hazardous	71-43-2	0.1 - 1
	Substance List		
ethylbenzene	Minnesota Hazardous	100-41-4	0.1 - 1
	Substance List		

### **Consumer Product Safety Improvement Act of 2008 General Conformity Certification:**

This product has been evaluated and certified to be labeled and packaged in compliance with the applicable provisions of the Federal Hazardous Substance Act as stated in 16 CFR 1500 and enforced by the Consumer Product Safety Commission, and where applicable the products that require Child Resistant Closures are packaged in accordance with the Poison Prevention Packaging Act as stated in 16 CFR 1700 and enforced by the Consumer Product Safety Commission. All closures have been tested in accordance with the latest protocols. No other testing is required to certify compliance with the above. The date of manufacture is stamped on the product container.

### XVI. ADDITIONAL INFORMATION

**Supersedes:** 8/27/2014 5:39:43 PM **Revision Date:** 9/4/2014 1:01:23 PM

**Disclaimer:** This safety data sheet and the information it contains is offered to you in good faith as accurate.

We have reviewed any information contained in the data sheet which we have received from outside sources and we believe the information to be correct, but cannot guarantee its accuracy or completeness. Health and safety precautions in this data sheet may not be adequate for all individuals and/or situations. It is the user's obligation to evaluate and use this product in a safe manner and to comply with all applicable laws and regulations. No statement made in this data sheet shall be construed as permission or recommendation for the use of any product in a manner that might infringe existing patents. No warranty is made, either expressed or implied.