



# Safety Data Sheet

## I. PRODUCT AND COMPANY IDENTIFICATION

**Product Name:** PRIME GRD BAR&CHAIN 4/1G  
**Product Code:** PF38BC4P PGBCGAL  
**Emergency Phone:** CHEMTREC: +1 (800) 424-9300  
 International: +01 (703) 527-3887  
**Poison Control Center:** (800) 222-1222  
**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  
**Target Organs:** Skin  
**Chemical Interactions:** No chemical interaction known to affect toxicity.  
**Conditions Aggravated by Exposure:** Personnel with pre-existing skin disorders should avoid contact with this product., Respiratory disease including asthma and bronchitis

### Acute Health Effects:

**Inhalation Irritation:** Can cause moderate respiratory irritation, dizziness, weakness, fatigue, nausea and headache.  
**Skin Contact:** Can cause moderate skin irritation, defatting, and dermatitis. Not likely to cause permanent damage. May cause skin irritation.  
**Skin Absorption:** Minimal hazard in normal industrial use. May cause gastrointestinal discomfort.  
**Eye Contact:** Can cause moderate irritation, tearing and reddening, but not likely to permanently injure eye tissue.  
**Ingestion Irritation:** No hazard in normal industrial use. Aspiration of material into the lungs can cause chemical pneumonitis which can be fatal.

### Chronic Health Effects:

**Carcinogenicity:** Not expected to cause cancer. This product meets the IP-346 criteria of <3% PAH's and is not considered a carcinogen by the International Agency for Research on Cancer.  
**Reproductive Toxicity:** No data available to indicate product or any components present at greater than 0.1% may cause birth defects.  
**Mutagenicity:** No data available to indicate product or any components present at greater than 0.1% is mutagenic or genotoxic.

### HMIS Ratings:

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

### NFPA Ratings:

Health: 2  
 Fire: 1  
 Reactivity: 0

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	90 - 99	64742-54-7	5 mg/m3
Petroleum distillates, solvent dewaxed heavy paraffinic	5 - 10	64742-65-0	5 mg/m3
Residual oils, petroleum, solvent-refined	1 - 5	64742-01-4	
Petroleum distillates, hydrotreated middle	0.1 - 1	64742-46-7	5 mg/m3

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

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## IV. FIRST-AID MEASURES

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<b>Inhalation:</b>	Remove to fresh air. If breathing is difficult, have a trained individual administer oxygen. If not breathing, give artificial respiration and have a trained individual administer oxygen and get medical attention immediately.
<b>Eyes:</b>	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.
<b>Skin Contact:</b>	Wash with soap and water. Remove contaminated clothing and launder. Get medical attention if irritation develops or persists. Seek medical advice if symptoms persist.
<b>Ingestion:</b>	No hazard in normal industrial use. Do not induce vomiting. Seek medical attention if symptoms develop. 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.
<b>Notes to Doctor:</b>	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

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<b>Flammability</b>	Combustible at elevated temperatures
<b>Summary:</b>	
<b>Extinguishing Media:</b>	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.
<b>Fire and/or Explosion Hazards:</b>	Material may be ignited only if preheated to temperatures above the high flash point, for example in a fire.
<b>Fire Fighting Methods and Protection:</b>	Do not enter fire area without proper protection including self-contained breathing apparatus and full protective equipment. Use methods for the surrounding fire.
<b>Hazardous Combustion Products:</b>	Carbon monoxide, Smoke

## VI. ACCIDENTAL RELEASE MEASURES

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<b>Personal Precautions and Equipment:</b>	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.
<b>Methods for Clean-up:</b>	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

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<b>Handling Precautions:</b>	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.
<b>Storage Conditions:</b>	Store in a cool dry place. Isolate from incompatible materials.

## VIII. EXPOSURE CONTROLS/PERSONAL PROTECTION

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<b>Engineering Controls:</b>	No exposure limits exist for the constituents of this product. Use local exhaust ventilation or other engineering controls to minimize exposures and maintain operator comfort.
<b>Respiratory</b>	Respiratory protection may be required to avoid overexposure when handling this

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**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.

**Eye Protection:** Wear chemically resistant safety glasses with side shields when handling this product. Do not wear contact lenses.

**Skin Protection:** Wear protective gloves. 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:

<b>Chemical Name</b>	<b>ACGIH TLV -TWA</b>	<b>ACGIH STEL</b>	<b>IDLH</b>	<b>NIOSH STEL</b>
Petroleum distillates, hydrotreated heavy paraffinic	5 mg/m3	10 mg/m3		
Petroleum distillates, solvent dewaxed heavy paraffinic	5 mg/m3	10 mg/m3		
Residual oils, petroleum, solvent-refined				
Petroleum distillates, hydrotreated middle	5 mg/m3	10 mg/m3		

## X. PHYSICAL AND CHEMICAL PROPERTIES

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<b>Physical State:</b>	Liquid
<b>Color:</b>	Amber
<b>Odor:</b>	Mild
<b>pH:</b>	Not determined
<b>Viscosity (cSt at 40°C):</b>	96
<b>Solubility in Water:</b>	Insoluble
<b>Octanol/Water Partition Coefficient:</b>	Not determined
<b>Evaporation Rate:</b>	Not determined
<b>Vapor Density:</b>	Not determined
<b>Vapor Pressure:</b>	<0.20
<b>Boiling Point (°C):</b>	Not determined
<b>Freezing Point (°C):</b>	Not determined
<b>Specific Gravity:</b>	0.87
<b>Density:</b>	7.28
<b>Flash Point (°C):</b>	193
<b>Flash Point Method:</b>	COC
<b>Upper Flammability Limit, % in air:</b>	= 10
<b>Lower Flammability Limit, % in air:</b>	= 1
<b>Limit, % in air:</b>	

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## X. STABILITY AND REACTIVITY

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<b>Stability:</b>	Stable under normal conditions. Hazardous polymerization will not occur
<b>Conditions to Avoid:</b>	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).
<b>Materials to Avoid:</b>	Strong oxidizing agents
<b>Hazardous Decomp. Products:</b>	Carbon monoxide, Smoke, Carbon monoxide, sulfur oxides, aldehydes, and other petroleum decomposition products in the case of incomplete combustion. Oxides of nitrogen, phosphorus, calcium, copper, magnesium, sodium, and hydrogen sulfide may also be present.
<b>Hazardous Polymerization:</b>	Hazardous polymerization will not occur.

## XI. TOXICOLOGICAL INFORMATION

### Acute Toxicity:

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<b>Ingestion:</b>	Although this product has a low order of acute oral toxicity, aspiration of minute amounts into the lungs during ingestion or vomiting may cause mild to severe pulmonary injury and possibly death.
<b>Inhalation:</b>	Harmful! Can cause systemic damage (see "Target Organs").
<b>Absorption:</b>	Minimal hazard in normal industrial use. May cause gastrointestinal discomfort.
<b>Eyes:</b>	The material is likely to be moderately irritating to eyes based on animal data.
<b>Skin:</b>	This material is likely to be moderately irritating to skin based on animal data.
<b>Sensitization:</b>	No data available to indicate product or components may be a skin sensitizer.

### Component Toxicology Data:

Chemical Name	CAS #	LD <sub>50</sub> /LC <sub>50</sub>
Distillates (petroleum), hydrotreated heavy paraffinic	64742-54-7	Inhalation LC <sub>50</sub> Rat 2.18 mg/L 4 h; Oral LD <sub>50</sub> Rat >2000 mg/kg; Dermal LD <sub>50</sub> Rabbit >2000 mg/kg
Residual oils (petroleum), solvent-refined	64742-01-4	Inhalation LC <sub>50</sub> Rat 2.18 mg/L 4 h (Source: IUCLID); Oral LD <sub>50</sub> Rat >5000 mg/kg (Source: IUCLID); Dermal LD <sub>50</sub> Rabbit >2000 mg/kg (Source: IUCLID)
Petroleum distillates, hydrotreated middle	64742-46-7	Inhalation LC <sub>50</sub> Rat 4.6 mg/L 4 h (Source: IUCLID); Oral LD <sub>50</sub> Rat 7400 mg/kg (Source: IUCLID); Dermal LD <sub>50</sub> Rabbit >2000 mg/kg (Source: IUCLID)

## XII. ECOLOGICAL INFORMATION

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<b>Overview:</b>	Moderate ecological hazard. This product may be dangerous to plants and/or wildlife.
<b>Mobility:</b>	This material is expected to have essentially no mobility in soil. It absorbs strongly to most soil types.
<b>Persistence:</b>	Biodegradation, adsorption to sediment, and bioconcentration to aquatic organisms should not be significant.
<b>Bioconcentration:</b>	Bioconcentration may occur.
<b>Degradability:</b>	Biodegrades slowly.

Toxicity to Aquatic Invertebrates:	CAS #	Results
Petroleum distillates, hydrotreated heavy paraffinic	64742-54-7	48 Hr EC <sub>50</sub> Daphnia magna: >1000 mg/L
Petroleum distillates, solvent dewaxed heavy paraffinic	64742-65-0	48 Hr EC <sub>50</sub> Daphnia magna: >1000 mg/L
Residual oils (petroleum), solvent-refined	64742-01-4	48 Hr EC <sub>50</sub> Daphnia magna: >1000 mg/L

Toxicity to Fish:	CAS #	Results
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Petroleum distillates, hydrotreated heavy paraffinic	64742-54-7	96 Hr LC50 Oncorhynchus mykiss: >5000 mg/L
Petroleum distillates, solvent dewaxed heavy paraffinic	64742-65-0	96 Hr LC50 Oncorhynchus mykiss: >5000 mg/L
Residual oils (petroleum), solvent-refined	64742-01-4	96 Hr LC50 Oncorhynchus mykiss: >5000 mg/L
Petroleum distillates, hydrotreated middle	64742-46-7	96 Hr LC50 Pimephales promelas: 35 mg/L [flow-through]; 96 Hr LC50 Pimephales promelas: >10000 mg/L [static]

## XIII. DISPOSAL CONSIDERATIONS

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<b>Disposal of Packaging:</b>	Recycle containers whenever possible.
<b>Disposal Methods:</b>	Dispose of according to Federal, State, Local, or Provincial regulations. Recycle used oil.

## XIV. TRANSPORTATION INFORMATION

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<b>D.O.T.</b>	Not classified as hazardous for transport (DOT, TDG, IMO/IMDG, IATA/ICAO).
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## XV. REGULATORY INFORMATION

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<b>TSCA Status:</b>	All components of this material are on the US TSCA Inventory or are exempt.
<b>State Restrictions:</b>	Not applicable
<b>WHMIS:</b>	Uncontrolled product according to WHMIS classification criteria

Chemical Name	Regulation	CAS #	% Range
None.	CERCLA RQ		
Phosphorus	SARA 313	7723-14-0	0.01 - 0.1
Naphthalene	SARA 313	91-20-3	0.01 - 0.1
Zinc	SARA 313	7440-66-6	0.01 - 0.1
Xylene (mixed isomers)	SARA 313	1330-20-7	0.01 - 0.1
ethylbenzene	SARA 313	100-41-4	0.001- 0.01
Toluene	SARA 313	108-88-3	0.001- 0.01
Benzene	SARA 313	71-43-2	0.001- 0.01
Biphenyl	SARA 313	92-52-4	0.001- 0.01
Vinyl acetate	SARA 313	108-05-4	0.001- 0.01
Cumene	SARA 313	98-82-8	0.001- 0.01
Methyl isobutyl ketone	SARA 313	108-10-1	<10ppm
Ethyl acrylate	SARA 313	140-88-5	<10ppm
None.	SARA 302-EHS		
None.	TSCA 12b export notification		
Naphthalene	CA Prop 65 – Cancer	91-20-3	0.01 - 0.1
ethylbenzene	CA Prop 65 – Cancer	100-41-4	0.001- 0.01
Benzene	CA Prop 65 – Cancer	71-43-2	0.001- 0.01
Cumene	CA Prop 65 – Cancer	98-82-8	0.001- 0.01
ISOBUTYL METHYL KETONE	CA Prop 65 – Cancer	108-10-1	<10ppm
Ethyl acrylate	CA Prop 65 – Cancer	140-88-5	<10ppm
Toluene	CA Prop 65 - Dev. Toxicity	108-88-3	0.001- 0.01
Benzene	CA Prop 65 - Dev. Toxicity	71-43-2	0.001- 0.01
Toluene	CA Prop 65 - Reprod –fem	108-88-3	0.001- 0.01
Benzene	CA Prop 65 - Reprod –male	71-43-2	0.001- 0.01
Hydrotreated middle distillate (petroleum)	Canadian WHMIS List	64742-46-7	0.1 - 1

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Chemical Name	Regulation	CAS #	% Range
None.	Massachusetts RTK List		
None.	New Jersey RTK List		
None.	Pennsylvania RTK List		
None.	Minnesota Hazardous 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

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