

## Power Strike

SDS Number: S787

Revision Date: February 13, 2017

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<b>1</b>	<b>PRODUCT AND COMPANY IDENTIFICATION</b>
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**Product Name:** Power Strike  
**Revision Date:** February 13, 2017  
**Version:** 46-5A  
**SDS Number:** S787

**Manufacturer:** **Canadian Contact:**

**Legend Brands**  
 325 S. Price RD.  
 Chandler, AZ 85224  
 Phone: 480-899-7000  
 Fax: 480-786-9538  
 Email: info@prochem.com  
 www.prochem.com

**Legend Brands**  
 4520 Eastgate Parkway  
 Mississauga, ON L4W 3W6  
 Phone: 800-932-3030

**Emergency Information: INFOTRAC 1-800-535-5053 International 1-352-323-3500**

<b>2</b>	<b>HAZARDS IDENTIFICATION</b>
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### Classification of the Substance or Mixture

**GHS Classification in Accordance with 29 CFR 1910 (OSHA HCS):**

- Health, Acute toxicity, 4 Dermal
- Health, Acute toxicity, 4 Inhalation
- Health, Acute toxicity, 4 Oral

### GHS Label Elements, Including Precautionary Statements

**GHS Signal Word:** **WARNING**

**GHS Hazard Pictograms:**



#### GHS Hazard Statements:

- H312 - Harmful in contact with skin
- H332 - Harmful if inhaled
- H302 - Harmful if swallowed

#### GHS Precautionary Statements:

- P260a - Do not breathe dusts or mists.
- P264 - Wash thoroughly after handling.
- P270 - Do not eat, drink or smoke when using this product.
- P271 - Use only outdoors or in a well-ventilated area.
- P280 - Wear protective gloves/protective clothing/eye protection/face protection.
- P301 + P312 + P330 + P331 - IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Call a POISON CENTER/doctor/physician if you feel unwell.
- P302 + P352 - IF ON SKIN: Wash with plenty of soap and water.
- P303 + P361 + P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
- P304 + P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing.
- P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

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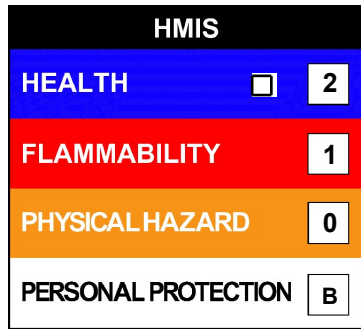
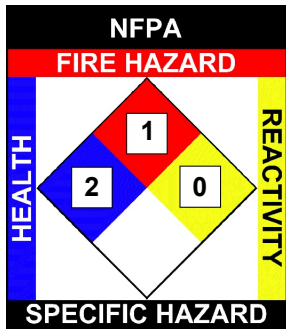
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- P310 - Immediately call a POISON CENTER/doctor/...
- P332 + P313 - If skin irritation occurs: Get medical advice/attention.
- P337 + P313 - If eye irritation persists: Get medical advice/attention.
- P362 - Take off contaminated clothing.
- P370 + P378 - In case of fire: Use ABC to extinguish.
- P403 + P233 - Store in a well-ventilated place. Keep container tightly closed.
- P501 - Dispose of contents/container to an approved waste disposal plant.

**Route of Entry:** Eyes; Skin; Inhalation;  
**Target Organs:** Eyes; Skin;  
**Inhalation:** Minimal respiratory tract irritation may occur with exposure to a large amount of material.  
**Skin Contact:** May cause irritation.  
**Eye Contact:** May cause irritation.  
**Ingestion:** Ingestion is not applicable route of entry for intended use.

**NFPA:** Health = 2, Fire = 1, Reactivity = 0, Specific Hazard = n/a  
**HMIS III:** Health = 2, Fire = 1, Physical Hazard = 0  
**HMIS PPE:** B - Safety Glasses, Gloves



### 3 COMPOSITION/INFORMATION OF INGREDIENTS

**Ingredients:**

Cas#	%	Chemical Name
111-76-2	9%	Ethylene Glycol Butyl Ether
497-19-8	16%	Sodium Carbonate
6834-92-0	5%	Sodium Metasilicate Pentahydrate

**OSHA Regulatory Status:**

This SDS contains valuable information critical to the safe handling and proper use of this product. This SDS should be retained and available for employees and other users of this product.

### 4 FIRST AID MEASURES

**Inhalation:** If symptoms develop, move victim to fresh air; if symptoms persist, obtain medical attention.  
**Skin Contact:** Wash with soap and water. If irritation persists consult medical personnel.  
**Eye Contact:** Immediately flush eyes with large amounts of water for at least 15 minutes, lifting eyelids occasionally to facilitate irrigation. Get immediate medical attention.  
**Ingestion:** If swallowed, DO NOT induce vomiting unless directed to do so by medical personnel. If injured party is conscious, give two glasses of water. Seek medical attention.

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<b>5</b>	<b>FIRE FIGHTING MEASURES</b>
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**Flash Point:** N/A

Wear self-contained breathing apparatus and other protective clothing. Use any standard agent - choose the one most appropriate for type of surrounding fire.

<b>6</b>	<b>ACCIDENTAL RELEASE MEASURES</b>
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Keep away from drains and ground water. Keep all unnecessary personnel away. Spill area may be slippery. Sweep up, place in bag and hold for waste disposal. Ventilate area and wash spill site after material pickup is complete. Consult an expert on disposal of recovered material and ensure conformity to local disposal regulations.

<b>7</b>	<b>HANDLING AND STORAGE</b>
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**Handling Precautions:** Avoid contact with eyes, skin, or clothing; Consider normal working hygiene. Handle with care and avoid spillage on the floor (slippage). Keep away from sources of ignition; wash thoroughly after handling.

**Storage Requirements:** Store out of reach of children; keep container closed; store in a cool well-ventilated place away from strong oxidizing or alkaline product.

<b>8</b>	<b>EXPOSURE CONTROLS/PERSONAL PROTECTION</b>
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**Engineering Controls:** Normal room ventilation is satisfactory for limited use.

**Personal Protective Equipment:** HMIS PP, B | Safety glasses, Gloves

Ethylene glycol butyl ether 111-76-2 OSHA PEL 50 ppm - 240 mg/m<sup>3</sup>

Personal protective equipment should be selected for individual applications and should consider factors which affect exposure potential, such as handling practices, chemical concentrations and ventilation. It is ultimately the responsibility of the employer to follow regulatory guidelines established by local authorities.

<b>9</b>	<b>PHYSICAL AND CHEMICAL PROPERTIES</b>
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**Appearance:** White

**Physical State:** Powder

**Spec Grav./Density:** N/A

**pH:** 10.90 @ 1% Solution/ 10.5 - 11.5 RTU

**Odor:** Floral

**Solubility:** Soluble

<b>10</b>	<b>STABILITY AND REACTIVITY</b>
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**Chemical Stability:** Product is stable under normal conditions.

**Conditions to Avoid:** None known

**Materials to Avoid:** None known

**Hazardous Decomposition:** Exposure to fire may liberate carbon dioxide, carbon monoxide, organic acids, and other unidentified thermal decomposition products from this product or its packaging.

**Hazardous Polymerization:** Will not occur.

<b>11</b>	<b>TOXICOLOGICAL INFORMATION</b>
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Ethylene Glycol Butyl Ether cas#:(111-76-2) [9%]

**Information on toxicological effects**

**Acute toxicity:**

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LD50 Oral - rat - 470 mg/kg

LC50 Inhalation - rat - 4 h - 450 ppm Remarks: Behavioral:Ataxia. Nutritional and Gross Metabolic:Weight loss or decreased weight gain.

LD50 Dermal - rabbit - 220 mg/kg

LD50 Intraperitoneal - rat - 220 mg/kg

LD50 Intravenous - rat - 307 mg/kg

Skin corrosion/irritation: Skin - rabbit Result: Open irritation test

Serious eye damage/eye irritation: Eyes - rabbit Result: Moderate eye irritation - 24 h

Respiratory or skin sensitisation: no data available

Germ cell mutagenicity: no data available

### Carcinogenicity:

IARC: 3 - Group 3: Not classifiable as to its carcinogenicity to humans (2-Butoxyethanol)

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

Reproductive toxicity: no data available

Overexposure may cause reproductive disorder(s) based on tests with laboratory animals.

Specific target organ toxicity - single exposure: no data available

Specific target organ toxicity - repeated exposure: no data available

Aspiration hazard: no data available

Sodium Carbonate cas#:(497-19-8) [16%]

### Information on toxicological effects

#### Acute toxicity:

LD50 Oral - rat - 4,090 mg/kg

LC50 Inhalation - rat - 2 h - 5,750 mg/l

Dermal: no data available

Skin corrosion/irritation: Skin - rabbit Result: Mild skin irritation - 24 h

Serious eye damage/eye irritation: Eyes - rabbit Result: Eye irritation - 24 h

Respiratory or skin sensitisation: no data available

Germ cell mutagenicity: no data available

### Carcinogenicity:

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

Reproductive toxicity: no data available

Specific target organ toxicity - single exposure: no data available

Specific target organ toxicity - repeated exposure: no data available

Aspiration hazard: no data available

Sodium Metasilicate Pentahydrate cas#:(6834-92-0) [5%]

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### Information on toxicological effects

#### Acute toxicity:

LD50 Oral - rat - 1,153 mg/kg

Inhalation: no data available

Dermal: no data available

Skin corrosion/irritation: Skin - rabbit Result: Severe skin irritation - 24 h

Serious eye damage/eye irritation: no data available

Respiratory or skin sensitisation: no data available

Germ cell mutagenicity: no data available

#### Carcinogenicity:

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

Reproductive toxicity: no data available

Reproductive toxicity - rat - Oral:

Effects on Newborn: Stillbirth. Effects on Newborn: Live birth index (# fetuses per litter; measured after birth). Effects on Newborn: Weaning or lactation index (e.g., # alive at weaning per # alive at day 4).

no data available

Specific target organ toxicity - single exposure: May cause respiratory irritation.

Specific target organ toxicity - repeated exposure: no data available

Aspiration hazard: no data available

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### ECOLOGICAL INFORMATION

Ethylene Glycol Butyl Ether cas#:(111-76-2) [9%]

#### Information on ecological effects

##### Toxicity:

Toxicity to fish LC50 - other fish - 220 mg/l - 96 h.

Toxicity to daphnia and EC50 - Daphnia magna (Water flea) - 1,815 mg/l - 24 h.  
other aquatic invertebrates

Persistence and degradability: no data available

Ratio BOD/ThBOD 88 %

Bioaccumulative potential: no data available

Mobility in soil: no data available

Results of PBT and vPvB assessment PBT/vPvB assessment not available as chemical safety assessment not required/not conducted

Other adverse effects: no data available

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Sodium Carbonate cas#:(497-19-8) [16%]

Information on ecological effects

Toxicity:

Toxicity to fish LC50 - *Lepomis macrochirus* (Bluegill) - 300 mg/l - 96 h.

Toxicity to daphnia and EC50 - *Daphnia magna* (Water flea) - 265 mg/l - 48 h.  
other aquatic invertebrates

Persistence and degradability: no data available

Bioaccumulative potential: no data available

Mobility in soil: no data available

Results of PBT and vPvB assessment PBT/vPvB assessment not available as chemical safety assessment not required/not conducted

Other adverse effects: no data available

Sodium Metasilicate Pentahydrate cas#:(6834-92-0) [5%]

Information on ecological effects

Toxicity: no data available

Persistence and degradability: no data available

Bioaccumulative potential: no data available

Mobility in soil: no data available

Results of PBT and vPvB assessment PBT/vPvB assessment not available as chemical safety assessment not required/not conducted

Other adverse effects: no data available

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### DISPOSAL CONSIDERATIONS

Recommendation: Consult with the disposal agency and the relevant authorities. Empty containers may be cleaned with water.

Ethylene Glycol Butyl Ether cas#:(111-76-2) [9%]

Waste treatment methods

Product: This combustible material may be burned in a chemical incinerator equipped with an afterburner and scrubber. Offer surplus and non-recyclable solutions to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material.

Contaminated packaging: Dispose of as unused product.

Sodium Carbonate cas#:(497-19-8) [16%]

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### Waste treatment methods

Product: Offer surplus and non-recyclable solutions to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material.

Contaminated packaging: Dispose of as unused product.

Sodium Metasilicate Pentahydrate cas#:(6834-92-0) [5%]

### Waste treatment methods

Product: Offer surplus and non-recyclable solutions to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber.

Contaminated packaging: Dispose of as unused product.

<b>14</b>	<b>TRANSPORT INFORMATION</b>
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Ship in accordance with 49 CFR parts 100-185. Non-hazardous for air, sea and road freight.

<b>15</b>	<b>REGULATORY INFORMATION</b>
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Component (CAS#) [%] - CODES

Ethylene Glycol Butyl Ether (111-76-2) [9%] MASS, OSHAWAC, PA, TSCA, TXAIR, WHMIS

Sodium Carbonate (497-19-8) [16%] TSCA, WHMIS

Sodium Metasilicate Pentahydrate (6834-92-0) [5%] TSCA, WHMIS

Regulatory CODE Descriptions

MASS = MA Massachusetts Hazardous Substances List  
OSHA = OSHA Workplace Air Contaminants  
PA = PA Right-To-Know List of Hazardous Substances  
TSCA = Toxic Substances Control Act  
TXAIR = TX Air Contaminants with Health Effects Screening Level  
WHMIS = workplace Haz Mat Info Sys Canada

<b>16</b>	<b>OTHER INFORMATION</b>
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This document is prepared in accordance with 29 CFR 1910.1200. The purpose of this section is to ensure that the hazards of all chemicals produced or imported are evaluated, and that information concerning their hazards is transmitted to employers and employees.

All information appearing herein is based upon data obtained from the raw material manufacturer and/or recognized technical sources. While the information above is believed to be true and accurate, the author makes no representations as to its accuracy or sufficiency. Conditions of use are beyond the manufacturer's control; therefore the users are responsible to verify this data under their own particular conditions, applications and regulations to determine if the product is suitable for their particular purposes. The users assume all risks of product use, handling, disposal, reliance upon, publication or use of the information contained herein. This information applies only to the product designated above and does not necessarily apply to its use in combination with other materials, products, chemical compounds, structures or processes.