



## Safety Data Sheet

### SECTION 1: Identification

#### 1.1 Product identifier

Product name	<b>PowerJet Part A Low pH Presoak</b>
Product number	802
Brand	Crown Chemical, Inc

#### 1.2 Other means of identification

Low pH Automotive Presoak for Touchless and Friction Car Washes

#### 1.3 Recommended use of the chemical and restrictions on use

Automotive touchless presoaking

#### 1.4 Supplier's details

Name	Crown Chemical, Inc.
Address	4701 W. 136th. St. Crestwood, Illinois 60418 U.S.A.
Telephone	708-371-6990
Fax	708-371-6992
email	info@crown-chem.com

#### 1.5 Emergency phone number(s)

800-535-5053

### SECTION 2: Hazard identification

#### General hazard statement

Causes serious eye damage; Causes severe skin burns and eye damage

#### 2.1 Classification of the substance or mixture

##### GHS classification in accordance with: (US) OSHA (29 CFR 1910.1200)

- Eye damage/irritation, Cat. 1
- Skin corrosion/irritation, Cat. 1A

#### 2.2 GHS label elements, including precautionary statements

##### Pictogram



1. Corrosion

##### Signal word

**Danger**

##### Hazard statement(s)

H318	Causes serious eye damage
H314	Causes severe skin burns and eye damage

# Safety Data Sheet

## PowerJet Part A Low pH Presoak

### Precautionary statement(s)

P280	Wear eye protection/face protection/protective gloves/protective clothing.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
P310	Immediately call a POISON CENTER/doctor for treatment advice.
P260	Do not breathe dust/fume/gas/mist/vapors/spray.
P264	Wash hands & skin thoroughly after handling.
P301+P330+P331	IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P303+P361+P353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
P363	Wash contaminated clothing before reuse.
P304+P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P405	Store locked up.
P501	Dispose of contents and container in accordance with all local, state, national and international regulations.

### 2.3 Other hazards which do not result in classification

None identified

## SECTION 3: Composition/information on ingredients

### 3.2 Mixtures

Mixture

#### Components

##### 1. Phosphoric acid

Concentration	10 - 15 % (By weight)
CAS no.	7664-38-2
- Skin corrosion/irritation, Cat. 1B	
H314	Causes severe skin burns and eye damage

##### 2. 2-Butoxyethanol

Concentration	5 - 10 % (By Weight)
CAS no.	111-76-2
- Skin corrosion/irritation, Cat. 2	
- Serious eye damage/eye irritation, Cat. 2	
- Acute toxicity, dermal, Cat. 4	
- Acute toxicity, inhalation, Cat. 4	
- Acute toxicity, oral, Cat. 4	
H302	Harmful if swallowed
H312	Harmful in contact with skin
H315	Causes skin irritation
H319	Causes serious eye irritation
H332	Harmful if inhaled

#### Trade secret statement (OSHA 1910.1200(i))

The specific chemical identities and/or actual concentrations for one or more components are being withheld as trade secrets under the US regulation 29 CFR 1910.1200(i).

## SECTION 4: First-aid measures

### 4.1 Description of necessary first-aid measures

General advice	Do not breathe dust or mists. Wash hand thoroughly after handling. Wear protective rubber gloves and chemical splash goggles or face shield when using
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# Safety Data Sheet

## PowerJet Part A Low pH Presoak

this product. If inhalable particles of dusts or mists may occur during use, wear NIOSH approved respiratory protection. Mix ONLY with water.

If inhaled	Remove person to fresh air and keep comfortable for breathing. Call a poison center or doctor if you feel unwell.
In case of skin contact	Take off immediately all contaminated clothing. Rinse skin with water. Wash contaminated clothing before reuse. Call a Poison Control Center or doctor for treatment advice if irritation persists.
In case of eye contact	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a Poison Control Center or doctor for treatment advice.
If swallowed	Rinse out mouth. Do NOT induce vomiting. Immediately call a Poison Control Center or doctor for treatment advice.

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

See Section 11 for additional information.

### 4.3 Indication of immediate medical attention and special treatment needed, if necessary

Treat exposure symptomatically. In all cases of eye contact, ingestion, or inhalation, contact a doctor or Poison Control Center immediately.

## SECTION 5: Fire-fighting measures

### 5.1 Suitable extinguishing media

Use water spray, fog or foam.

### 5.2 Specific hazards arising from the chemical

None known

### 5.3 Special protective actions for fire-fighters

Remove all persons from the vicinity. No responsive action should be taken without proper training.

#### Further information

Use water spray to cool unopened containers.

## SECTION 6: Accidental release measures

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

Initiate spill containment procedures immediately using containment or absorption methods. Keep people away from area. Put on appropriate protective equipment (see Section 8).

### 6.2 Environmental precautions

See Section 12 for ecological Information.

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

Do not allow spilled material to enter sewers, waterways or soil. Neutralize with water. Mop, sweep or otherwise collect spilled material and hold for disposal. Consult local government authorities for allowable disposal methods. After removal, rinse area completely with water to remove residue.

#### Reference to other sections

For disposal see section 13.

# Safety Data Sheet

## PowerJet Part A Low pH Presoak

### SECTION 7: Handling and storage

#### 7.1 Precautions for safe handling

Avoid contact with eyes, skin or clothing. Avoid inhalation of dust or mists. Use in a well-ventilated area. Wash thoroughly after handling.

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

Store in a locked location inaccessible to small children. Keep container closed when not in use. Store in a well-ventilated area between 60-100°F (15- 38°C).

#### Specific end use(s)

Apart from the uses mentioned in section 1 no other specific uses are stipulated.

### SECTION 8: Exposure controls/personal protection

#### 8.1 Control parameters

##### 1. Phosphoric acid (CAS: 7664-38-2 EC: 231-633-2)

PEL (Inhalation): 1 mg/m<sup>3</sup>; USA (OSHA)  
OSHA Annotated Table Z-1, [www.osha.gov](http://www.osha.gov)

PEL (Inhalation): 1 mg/m<sup>3</sup>, (ST) 3 mg/m<sup>3</sup>; USA (Cal/OSHA)  
OSHA Annotated Table Z-1, [www.osha.gov](http://www.osha.gov)

REL (Inhalation): 1 mg/m<sup>3</sup>, (ST) 3 mg/m<sup>3</sup>; USA (NIOSH)  
OSHA Annotated Table Z-1, [www.osha.gov](http://www.osha.gov)

TLV® (Inhalation): 1 mg/m<sup>3</sup>, (ST) 3 mg/m<sup>3</sup>; USA (ACGIH)  
OSHA Annotated Table Z-1, [www.osha.gov](http://www.osha.gov)

##### 2. 2-Butoxyethanol (CAS: 111-76-2 EC: 203-905-0)

PEL (Inhalation): 240 mg/m<sup>3</sup> (OSHA)  
OSHA Annotated Table Z-1, [www.osha.gov](http://www.osha.gov)

PEL (Inhalation): 20 ppm (Cal/OSHA)  
OSHA Annotated Table Z-1, [www.osha.gov](http://www.osha.gov)

REL (Inhalation): 5 ppm (NIOSH)  
OSHA Annotated Table Z-1, [www.osha.gov](http://www.osha.gov)

PEL (Inhalation): 20 ppm  
97 mg/m<sup>3</sup>

California permissible exposure limits for chemical contaminants  
(Title 8, Article 107)/Skin

TWA (Inhalation): 50 ppm  
240 mg/m<sup>3</sup>; USA (OSHA)  
USA. Occupational Exposure Limits (OSHA) - Table Z-1 Limits for Air  
Contaminants/Skin designation  
The value in mg/m<sup>3</sup> is approximate

TWA (Inhalation): 5 ppm  
24 mg/m<sup>3</sup>; USA (NIOSH)  
USA. NIOSH Recommended Exposure Limits/Potential for dermal absorption

TWA (Inhalation): 20 ppm; USA (ACGIH)  
USA. ACGIH Threshold Limit Values (TLV)/Upper Respiratory Tract irritation Eye irritation Substances for which there is a Biological Exposure Index or Indices (see BEI® section) Confirmed animal carcinogen with unknown relevance to humans

TLV® (Inhalation): 20 ppm; USA (ACGIH)  
OSHA Annotated Table Z-1, [www.osha.gov](http://www.osha.gov)

# Safety Data Sheet

## PowerJet Part A Low pH Presoak

### 8.2 Appropriate engineering controls

Use with adequate ventilation to maintain exposure limits below listed thresholds.

### 8.3 Individual protection measures, such as personal protective equipment (PPE)

#### Eye/face protection

Wear chemical splash goggles or face shield when using this product.

#### Skin protection

Wear protective rubber gloves, a long sleeve shirt and, if necessary, a rubber apron to prevent contact.

#### Body protection

Wash hand thoroughly after handling. Avoid contact with clothing or shoes. Wash contaminated items before reuse. Avoid wearing contact lenses when using this product.

#### Respiratory protection

Wear a NIOSH approved respirator for corrosive dusts or mists.

#### Thermal hazards

No data available.

#### Environmental exposure controls

Do not let product enter drains.

## SECTION 9: Physical and chemical properties

### Information on basic physical and chemical properties

Appearance/form (physical state, color, etc.)	Pink Liquid
Odor	Characteristic
Odor threshold	No data available.
pH	<2.0 (1% solution)
Melting point/freezing point	No data available.
Initial boiling point and boiling range	No data available.
Flash point	Non-Combustible
Evaporation rate	No data available.
Flammability (solid, gas)	No data available.
Upper/lower flammability limits	No data available.
Upper/lower explosive limits	No data available.
Vapor pressure	No data available.
Vapor density	No data available.
Relative density (H <sub>2</sub> O =1.0)	>1.0
Solubility(ies)	100% in 120°F Water
Partition coefficient: n-octanol/water	No data available.
Auto-ignition temperature	No data available.
Decomposition temperature	No data available.
Viscosity (H <sub>2</sub> O =1.0)	>1.0
Explosive properties	No data available.
Oxidizing properties	No data available.

### Other safety information

No data available.

# Safety Data Sheet

## PowerJet Part A Low pH Presoak

### SECTION 10: Stability and reactivity

#### 10.1 Reactivity

Product is highly reactive with alkalis. Reactions may produce hazardous conditions, including violent splattering of corrosive materials. Product is reactive with halogens (such as chlorine) and may release chlorine gas if mixed with these materials. NEVER mix this product with other chemicals. Mix this product ONLY with water.

#### 10.2 Chemical stability

Product is stable under normal storage and usage conditions.

#### 10.3 Possibility of hazardous reactions

No data available.

#### 10.4 Conditions to avoid

Heat, flames and sparks. Incompatible products. Keep away from open flames, hot surfaces and sources of ignition.

#### 10.5 Incompatible materials

Alkalis, halogens, metals.

2-Butoxyethanol: Strong oxidizing agents

#### 10.6 Hazardous decomposition products

None are expected under normal storage and usage conditions.

2-Butoxyethanol: Hazardous decomposition products formed under fire conditions. - Carbon oxides

Other decomposition products - No data available

In the event of fire: see section 5

### SECTION 11: Toxicological information

#### Information on toxicological effects

##### Acute toxicity

Eyes, Skin, Ingestion, Inhalation

##### Skin corrosion/irritation

Irritation, pain, redness, blistering.

##### Serious eye damage/irritation

Irritation, pain, redness, watering.

##### Respiratory or skin sensitization

Coughing, choking, respiratory tract irritation, breathing difficulty.

##### Germ cell mutagenicity

No data available.

##### Carcinogenicity

No data available.

##### Reproductive toxicity

No data available.

##### STOT-single exposure

No data available.

##### STOT-repeated exposure

No data available.

##### Aspiration hazard

No data available.

##### Additional information

No known significant effects or critical hazards.

# Safety Data Sheet

## PowerJet Part A Low pH Presoak

### SECTION 12: Ecological information

#### Toxicity

No specific data available for this mixture. Phosphoric Acid is known to be toxic to aquatic life.

#### Persistence and degradability

No data available on product.

#### Bioaccumulative potential

No data available on product

#### 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 known significant effects or critical hazards.

### SECTION 13: Disposal considerations

#### Disposal of the product

Avoid disposal of this product. Use complete contents according to directions. Do not release contents into a municipal sewer except through normal dilution and usage. Do not release contents onto the ground or into any body of water. Dispose of empty container by offering for recycling if available, or into a landfill. Follow all applicable state and local regulations.

### SECTION 14: Transport information

#### DOT (US)

UN Number: NA 1760

Class: 8

Packing Group: III

Proper Shipping Name: NA 1760, Compounds, Cleaning Liquid, 8, PG III (Contains Phosphoric Acid)

Reportable quantity (RQ): Phosphoric Acid

Note: Certain package sizes of this product may qualify for exceptions to DOT's packaging, labeling and other requirements, and thus may have different DOT shipping names. For bulk shipments, see the shipping documents.

### SECTION 15: Regulatory information

#### 15.1 Safety, health and environmental regulations specific for the product in question

##### SARA 302 Components

No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

##### SARA 313 Components

The following components are subject to reporting levels established by SARA Title III, Section 313:

Ethylene glycol monobutyl ether: CAS: 111-76-2

##### SARA 311/312 Hazards

Fire Hazard, Acute Health Hazard, Chronic Health Hazard

##### Massachusetts Right To Know Components

Phosphoric acid, CAS number: 7664-38-2

Ethylene glycol monobutyl ether: CAS: 111-76-2

# Safety Data Sheet

## PowerJet Part A Low pH Presoak

### Pennsylvania Right To Know Components

Phosphoric acid, CAS number: 7664-38-2  
Ethylene glycol monobutyl ether: CAS: 111-76-2

### New Jersey Right To Know Components

Phosphoric acid, CAS number: 7664-38-2  
Ethylene glycol monobutyl ether: CAS: 111-76-2

### California Prop. 65 Components

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

## SECTION 16: Other information

The information herein is believed to be correct, but is given without warranty or guaranty of any kind, express or implied. The hazards provided in this Safety Data Sheet apply to the product in its concentrated form, and may differ significantly after dilution.

### 16.1 Further information/disclaimer

DISCLAIMER: The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigation to determine the suitability of information for their particular purposes. In no event shall Crown Chemical, Inc. be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, whatsoever arising, even if Crown Chemical, Inc. has been advised of the possibility of such damages.