

**Safety Data Sheet**  
**BLAST OFF**

**SECTION I - IDENTIFICATION**



Car Chem  
398 S. King Oak St.  
Trenton, IL 62293  
(618) 224-7445  
INFOTRAC :..... (800) 535-5053

**Product Number** CC BL  
**Product Name** BLAST OFF  
**Chemical Family** ACIDS  
**CAS Number** Multiple  
**Date Prepared** 5/15/2015  
**Revision Number** 7/3/2020  
**Recommended Use** Low pH Presoak

**SECTION II - HAZARDOUS IDENTIFICATION**

**GHS CLASSIFICATION:**

**Classification**

Corrosive to Metals	Category 1
Acute Toxicity, Oral	Category 4
Skin Corrosion/Irritation	Category 1A, B, C
Serious Eye Damage/Eye Irritation	Category 1
Acute Toxicity, Inhalation	Category 4

**DANGER!**

**GHS LABEL:**



**Hazard Statements**

H290	May be corrosive to metals
H302	Harmful if swallowed
H314	Causes severe burns and eye damage
H318	Causes serious eye damage
H332	Harmful if inhaled

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### Precautionary Statements

- P234 Keep only in original packaging.
- P260 Do not breathe dust, fumes, gas, mist, vapors or spray.
- P261 Avoid breathing dust, fumes, gas, mist, vapors or spray.
- P264 Wash hands 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, clothing, eye and face protection. Goggles, gloves, face mask/shield and/or a separate approved breathing apparatus if required.
- P301+312 IF SWALLOWED: Call a POISON CENTER or physician if you feel unwell.
- P301+330+331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
- P303+361+353 IF ON SKIN (or hair): Immediately remove all contaminated clothing. Rinse skin or hair with water or shower.
- P304+340 IF INHALED: Remove victim to fresh air and keep comfortable for breathing.
- P305+351+338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do so - continue rinsing.
- P310 Immediately call a POISON CENTER or physician.
- P312 Call a POISON CENTER or physician if you feel unwell.
- P321 Specific treatment: refer to section four, first aid or see a physician.
- P330 Rinse mouth if accidentally swallowed.
- P363 Wash contaminated clothing before reuse.
- p390 Absorb spillage to prevent material damage.
- P405 Store locked up.
- P406 Store in a corrosive resistant container with a resistant inner liner.
- P501 Dispose of contents or container according to all state, local and federal laws.

### **SECTION III - COMPOSITION/INFORMATION ON INGREDIENTS**

The precise composition of this product is proprietary information. In the event of a medical emergency, a complete disclosure will be provided to medical personnel.

Component Name	CAS #	Component%	OSHA PEL	ACGIH TLV
Inorganic Acid	7664-38-2	25-35	1 mg/m <sup>3</sup>	1 mg/m <sup>3</sup>
nonylphenol polyethylene glycol ether	127087-87-0	1-105	NONE	NONE

### **SECTION IV - FIRST AID MEASURES**

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**Contact with eyes:** Flush eyes for 15 minutes with clear, running water. Remove any contact lenses if able, continue flushing. Seek medical attention immediately. Can cause permanent damage.

**Skin contact:** Take off immediately contaminated clothes. Rinse skin with water or shower. Call a poison control center and seek medical attention. Chemical burns must be treated by a physician.

**Inhalation:** Remove victim to fresh air. If breathing difficulty seek medical attention. Administer oxygen or artificial respiration if breathing is affected or stopped. Loosen any tight clothing.

**Ingestion:** If swallowed. Do not induce vomiting unless instructed to do so by a poison control center. Rinse mouth. Seek immediate medical attention by calling 911 and seeing a physician.

Give sips of water. Never give anything by mouth to an unconscious person.

#### SECTION V - FIREFIGHTING MEASURES

**Suitable Extinguishing Media:** Not considered a fire hazard.

**Special Fire Fighting Procedures** Use self-contained breathing apparatus and full bunker gear in fire areas. Evacuate all unprotected personnel from area.

**Unusual Fire Fighting Hazards:** No unusual fire hazards known.

#### SECTION VI - ACCIDENTAL RELEASE MEASURES

**Personal Precautions:** Always wear personal protective equipment to include shielding your eyes, exposed skin and breathing.

**Environmental Precautions:** Prevent liquid from entering drains, sewers or waterways. Contain spill if it can be done with minimal risk.

**Methods for Cleaning Up:** Using only non-sparking tools and explosion proof equipment, collect spill on absorbent material and put into approved container. Neutralize with chalk, alkali solution or ammonia. Soak up with inert absorbant material (sand, silica gel, acid binder, universal binder, sawdust) Keep in suitable closed containers for disposal according to all state, local, federal regulations.

#### SECTION VII - HANDLING AND STORAGE

**Handling and Storage:**

- Keep containers tightly closed when not in use.
- Product is acidic. Avoid breathing of mist or vapor. Minimize skin contact. Wash exposed skin areas thoroughly after handling. "Empty" containers may retain residue and vapor. Treat containers with same caution as when handling the contents. Keep containers tightly closed when not in use. When unloading bulk vehicles, personnel should wear chemical goggles and rubber or neoprene gloves.

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- Do not eat, drink or smoke while workin. Always wash hands before doing those activities.

#### SECTION VIII - PRECAUTIONS TO CONTROL EXPOSURE / PERSONAL PROTECTION

##### EXPOSURE LIMITS:

Component Name	CAS #	OSHA PEL	ACGIH TLV
Inorganic Acid	7664-38-2	1 mg/m <sup>3</sup>	1 mg/m <sup>3</sup>
nonylphenol polyethylene glycol ether	127087-87-0	NONE	NONE

**Engineering Controls:** Adequate local or mechanical to reduce vapor or mist to below the PEL or TLV. Showers, eye wash stations.

**Monitoring:** Wash hands prior to eating, drinking or using the restroom.  
Any clothing or shoes which became contaminated with the product should be removed immediately and thoroughly laundered before wearing again.  
Have eye wash stations and safety showers readily available.

##### Personal Protective Equipment (PPE)

**Eye Protection:** Goggles or approved OSHA device with side shields.

**Skin Protection:** Impervious apron and work boots recommend where splashing may occur.  
Wear protective gloves selected with regard to both permeation as well as durability.

**Respiratory Protection:** Always use in a well ventilated area.

#### SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Pale Liquid
Odor	HarshOdor
pH@25°C	ND
Melting/Freezing Point	-ND
Flashpoint	ND
Specific Gravity	ND
Soluability	ND
Auto-Ignition Temperature	-ND
Decomposition Temperature	-ND
VOC Content	Not Determined
Odor Threshold	-ND
Boiling Range	Not Determined
Evaporation Point	Not Determined
Flammable Limits - Upper	Not Determined
Flammable Limits - Lower	Not Determined
Vapor Pressure	ND
Vapor Density (Air=1)	ND
Viscosity	-ND

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### SECTION X - STABILITY AND REACTIVITY

**Stability:** Stable

**Conditions to Avoid:** Extreme heat and ignition sources.

**Hazardous Decomposition/Byproducts:** Oxides of phosphorus

**Hazardous Polymerization:** Under normal conditions of storage and use, hazardous reactions should not occur.

**Polymerization Conditions to Avoid:** None known.

**Incompatibilities:** Alkalies, Phosphorus compounds, Cyanides, Carbide, Mercaptans, Glass, Steel, Metals

### SECTION XI - TOXICOLOGICAL INFORMATION

**Likely Route of Exposure:** Contact and inhalation; ingestion possible.

**Inhalation:** Breathing spray or mists can be harmful.  
Inhalation may cause irritation to the nose, throat and respiratory tract.  
Corrosive to the respiratory system.

**Eye Contact:** Will cause severe burns on contact and will damage the eyes.

**Skin Contact:** Solid or liquid contact can cause severe burns and deep ulcerations.

**Ingestion:** Causes severe digestive tract burns.  
Harmful if swallowed.

**Acute Toxicity Value:** See Health Hazards below.

**Chronic (Long Term) Effects:** See Health Hazards above.

#### Toxicity:

Component Name	LD50	LC50
Inorganic Acid	Oral - rat - 1530 mg/kg - Dermal - rabbit - 2740 mg/kg	Inhalation - rat - 25.5 mg/m <sup>3</sup>
nonylphenol polyethylene glycol ether	Dermal-Rabbit-2000-2991mg/kg	Oral-Rat-960 -3980mg/kg

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<b>Reproductive Effects</b>	Not Applicable
<b>Teratogenicity</b>	Not Applicable
<b>Mutagenicity</b>	Not Applicable
<b>Embryotoxicity</b>	Not Applicable
<b>Sensitization to Product</b>	Not Applicable
<b>Synergistic Products</b>	Not Applicable
<b>Carcinogenicity</b>	Not Listed as a Carcinogen

#### SECTION XII - ECOLOGICAL INFORMATION

**Ecotoxicity:** Information not available.

**Mobility:** Information not available.

**Degradability:** Information not available.

**BioAccumulation:** Information not available.

#### SECTION XIII - WASTE DISPOSAL CONSIDERATIONS

Follow Federal, state, and local regulations.

#### SECTION XIV - TRANSPORT INFORMATION

##### DOT SHIPPING INFORMATION

**Proper Shipping Name:** Phosphoric Acid Solution

**Contains:**

**Hazard Class and Label:** 8

**Identification Number:** UN1805

**Packaging Group:** III

**Other Shipping Info:**

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### SECTION XV - REGULATORY INFORMATION

**TSCA STATUS:**..... The components of this product are listed on the TSCA Inventory

**SARA TITLE III SECTION 302/304 EXTREMELY HAZARDOUS SUBSTANCE:**

No chemicals in this material are subject to the reporting requirements.

**SARA TITLE III SECTION 311/312 HAZARD CATEGORIZATION:**

Acute	Chronic	Fire	Pressure	Reactive
X				

**SARA TITLE III SECTION 313 SUPPLIER INFORMATION:**

Component Name	CAS #	% by wt.
	7664-38-2	25-35

**CERCLA SECTION 102(a) HAZARDOUS SUBSTANCE:**

Component Name	CAS #	% by wt.	RQ (lbs.)
Phosphoric Acid	7664-38-2	25-35	5,000
	Not Regulated		None

**CALIFORNIA PROPOSITION 65:**

No chemicals in this material are subject to the reporting requirements.

### SECTION XVI - OTHER INFORMATION

**HMIS Health:** ..... 3

**HMIS Flammability:** ..... 0

**HMIS Reactivity:** ..... 0

**Additional:**

**Specification Information**

**Department issuing data sheet:**

**Email address:** sales@carchem.com

**Training necessary:** Always use personal protective equipment when using any type of chemicals for home or business use.

**Disclaimer:**

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