

**Safety Data Sheet**  
**LIME A WASH**

**SECTION I - IDENTIFICATION**



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

**Product Number** CC LAW  
**Product Name** LIME A WASH  
**Chemical Family** Acids  
**CAS Number** Multiple  
**Date Prepared** 3/4/2020  
**Revision Number** 8/24/2020  
**Recommended Use** Heavy Duty Truck Wash Industrial Use Only

**SECTION II - HAZARDOUS IDENTIFICATION**

**GHS CLASSIFICATION:**

**Classification**

Corrosive to Metals	Category 1
Acute Toxicity, Oral	Category 3
Skin Corrosion/Irritation	Category 1A, B, C
Serious Eye Damage/Eye Irritation	Category 1
Specific target organ toxicity, single exposure, R	Category 3

**DANGER!**

**GHS LABEL:**



**Hazard Statements**

H290	May be corrosive to metals
H301	Toxic if swallowed
H314	Causes severe burns and eye damage
H318	Causes serious eye damage
H335	May cause respiratory irritation

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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+310 IF SWALLOWED: Immediately call a POISON CENTER or physician.
- 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.
- P403+233 Store in a well ventilated area with container tightly closed.
- 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	<10	1 mg/m <sup>3</sup>	1 mg/m <sup>3</sup>
Hydrogen Chloride	7647-01-0	<10	5 ppm	2 ppm
2-Butoxyethanol	111-76-2	<5	50 ppm	20 ppm
nonylphenol polyethylene glycol ether	127087-87-0	<5	NONE	NONE

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### SECTION IV - FIRST AID MEASURES

**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 to fresh air and rest in comfortable breathing position. Consult a physician if rapid recovery does not occur or symptoms develop.

**Ingestion:** If vomiting occurs, keep head below hips to prevent aspiration of contents into lungs. Rinse mouth thoroughly with cool water. Do not induce vomiting, consult physician immediately.  
Do not use mouth to mouth method if victim ingested the substance. Induce artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory device.

### SECTION V - FIREFIGHTING MEASURES

**Suitable Extinguishing Media:** Water fog, foam, CO<sub>2</sub>, dry chemical.

**Special Fire Fighting Procedures** Avoid inhaling fumes.  
Self-contained breathing apparatus and protective clothing should be worn when fighting fires involving chemicals.  
Do not allow run-off from fire fighting enter drains or water courses.

**Unusual Fire Fighting Hazards:** Do not use high volume water jet.

### SECTION VI - ACCIDENTAL RELEASE MEASURES

**Personal Precautions:** Evacuate all unprotected personnel from the area.  
Always wear personal protective equipment to include shielding your eyes, exposed skin and breathing.  
Wear full protective gear including a respirator when cleaning up a spill.  
Do not allow any area on body to be exposed.

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

**Methods for Cleaning Up:** Never return spills to original containers for reuse. Prevent further leakage or spillage if safe to do so. Do not contaminate water. Avoid discharge into drains, water courses or onto the ground.  
Neutralize with chalk or alkali solution. Keep in suitable, closed containers for disposal.

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### SECTION VII - HANDLING AND STORAGE

- Handling and Storage:**
- Keep containers tightly closed when not in use.
  - Avoid prolonged breathing of mist or vapor. Wash thoroughly after handling.
  - Do not redistribute empty containers.
  - Keep from freezing.
  - Do not eat, drink or smoke while workin. Always wash hands before doing those activities.
  - Always use in a well ventilated area.
  - Impervious clothing, gloves, footwear and head gear must be worn at all times.
  - Always wear personal protective equipment when using this product for eyes, skin, and breathing.

### 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>
Hydrogen Chloride	7647-01-0	5 ppm	2 ppm
2-Butoxyethanol	111-76-2	50 ppm	20 ppm
nonylphenol polyethylene glycol ether	127087-87-0	NONE	NONE

**Engineering Controls:** Eyewash, and safety showers should be easily accessible.  
Ensure adequate ventilation.

**Monitoring:** Do not eat, drink or smoke in areas where this chemical is used or stored.  
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.  
Routinely wash work clothing and protective equipment to remove contaminants.

#### 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.  
Choose body protection according to the amount and concentration of the dangerous substance at the work place.

**Respiratory Protection:** Always use in a well ventilated area.  
Chemical respirator with organic vapor cartridge and full facepiece.

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### SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance</b>	Clear liquid
<b>Odor</b>	Strong, pungent
<b>pH@25°C</b>	NA
<b>Melting/Freezing Point</b>	NA
<b>Flashpoint</b>	NA
<b>Specific Gravity</b>	
<b>Solubility</b>	Miscible
<b>Auto-Ignition Temperature</b>	NA
<b>Decomposition Temperature</b>	NA
<b>VOC Content</b>	NA
<b>Odor Threshold</b>	NA
<b>Boiling Range</b>	NA
<b>Evaporation Point</b>	NA
<b>Flammable Limits - Upper</b>	NA
<b>Flammable Limits - Lower</b>	NA
<b>Vapor Pressure</b>	NA
<b>Vapor Density (Air=1)</b>	NA
<b>Viscosity</b>	NA

### SECTION X - STABILITY AND REACTIVITY

<b>Stability:</b>	Stable, under normal conditions of storage and handling. May react violently with strong alkali substances. May react with reducing agents.
<b>Conditions to Avoid:</b>	Keep from freezing. Keep away from heat, hot surfaces, sparks, open flames or other ignition sources.
<b>Hazardous Decomposition/Byproducts:</b>	None known
<b>Hazardous Polymerization:</b>	Under normal conditions of storage and use, hazardous reactions should not occur.
<b>Polymerization Conditions to Avoid:</b>	None known.
<b>Incompatibilities:</b>	Alkalies, Phosphorus compounds, Cyanides, Carbide, Mercaptans, Glass, Steel, Metals

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### SECTION XI - TOXICOLOGICAL INFORMATION

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

**Inhalation:** May cause respiratory tract irritation. Inhalation of vapors may cause drowsiness and dizziness.

Breathing spray or mists can be harmful.

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

**Skin Contact:** Causes severe skin burn.

**Ingestion:** Death can result from ingestion.

**Acute Toxicity Value:** Eye or skin contact will result in serious burns and may cause blindness. Toxic if swallowed.

**Chronic (Long Term) Effects:** Not identified as probable, possible or confirmed human carcinogen by IARC, NTP, or OSHA.

#### Toxicity:

Component Name	LD50	LC50
Inorganic Acid	Oral - rat - 1530 mg/kg - Dermal - rabbit - 2740 mg/kg	Inhalation - rat - 25.5 mg/m3
Hydrogen Chloride	Not Established	Not Established
2-Butoxyethanol	Oral - Rat - 470 mg/kg; Dermal - Rabbit - 220 mg/kg;	Inhalation - Rat - 4 h - 450 ppm
nonylphenol polyethylene glycol ether	Dermal-Rabbit-2000-2991mg/kg	Oral-Rat-960 -3980mg/kg

**Reproductive Effects** Not Applicable

**Teratogenicity** Not Applicable

**Mutagenicity** Not Applicable

**Embryotoxicity** Not Applicable

**Sensitization to Product** Not Applicable

**Synergistic Products** Not Applicable

**Carcinogenicity** None known

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### 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

Always follow Federal, State and Local regulations.

### SECTION XIV - TRANSPORT INFORMATION

#### DOT SHIPPING INFORMATION

**Proper Shipping Name:** Corrosive liquid, Acidic, Inorganic, N.O.S., (contains Phosphoric and Muriatic Acid)

**Contains:**

**Hazard Class and Label:** 8

**Identification Number:** UN3264

**Packaging Group:** II

**Other Shipping Info:**

### 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:

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Component Name	CAS #	% by wt.
	7664-38-2	<10

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

Component Name	CAS #	% by wt.	RQ (lbs.)
Phosphoric Acid	7664-38-2	<10	5,000
Hydrogen Chloride	7647-01-0	<10	5,000
2-Butoxyethanol	111-76-2	<5	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: ..... 1

Additional: Other Information (XVI) Revision 2

#### 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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