

**Safety Data Sheet**  
High Foam Concentrated Acid

**SECTION I - IDENTIFICATION**



Algonquin Products Company  
P.O. Box 87005  
Dartmouth, MA 02748  
(770) 578-4240  
Infotrac #84191 :..... (800) 535-5053

**PRODUCT NUMBER:** ..... ALG-1012  
**PRODUCT NAME:** ..... High Foam Concentrated Acid  
**CHEMICAL FAMILY:** ..... Acid Cleaner  
**CAS NUMBER:** ..... 7664-38-2  
**DATE PREPARED:** ..... 5/12/2015  
**REVISION NUMBER:** ..... 5/12/2015

**SECTION II - HAZARDOUS IDENTIFICATION**

**GHS CLASSIFICATION:**

**Classification**

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

**DANGER!**

**GHS LABEL:**



**Hazard Statements**

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

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## High Foam Concentrated Acid

### Precautionary Statements

- P234 Keep only in original container.
- P260 Do not breathe dust/fume/gas/mist/vapours/spray.
- P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
- P264 Wash hands thoroughly after handling.
- P271 Use only outdoors or in a well-ventilated are.
- P280 Wear protective gloves/protective clothing/eye protection/face protection.
- P301+330+331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
- P303+361+353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
- p304+340 IF INHALED: Remove victim to fresh air and keep at rest in a position 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 doctor/physician.
- P312 Call a POISON CENTER or a doctor/physician if you feel unwell.
- P363 Wash contaminated clothing before reuse.
- p390 Absorb spillage to prevent material damage.
- P404 Store in a closed container.
- P405 Store locked up.
- P501 Dispose of contents/container to an approved waste disposal plant.

### 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
Phosphoric Acid	7664-38-2	< 40	1 mg/m <sup>3</sup>	1 mg/m <sup>3</sup>
Sulfuric Acid	7664-93-9	< 5	1 mg/m <sup>3</sup> (Ceiling)	1 mg/m <sup>3</sup> (Ceiling)

### SECTION IV - FIRST AID MEASURES

**Contact with eyes:** Flush with water for 15 minutes. Seek immediate medical attention. Remove contact lenses, if present and easy to do. Continue rinsing.

**Skin contact:** Wash exposed areas with water and mild soap. Remove contaminated clothing immediately and launder before reuse. If irritations persist, seek immediate medical attention.

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**Inhalation:** If Inhaled: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a poison center or doctor/physician.

**Ingestion:** If swallowed. Do not induce vomiting. Seek immediate medical attention.

#### SECTION V - FIREFIGHTING MEASURES

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

**Special Fire Fighting Procedures** As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

**Unusual Fire Fighting Hazards:** Not determined.

#### SECTION VI - ACCIDENTAL RELEASE MEASURES

**Personal Precautions:** Keep unnecessary and unprotected personnel from entering. Put on appropriate personal protective equipment.

**Environmental Precautions:** 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:** Mop up or absorb onto absorbant material and collect for disposal. Dispose of contents/container to an approved waste disposal plant.

#### SECTION VII - HANDLING AND STORAGE

- Handling and Storage:**
- Avoid contact with Strong alkalis. Oxidizers.
  - Handle in accordance with good industrial hygiene and safety practice. Wear protective gloves/protective clothing and eye/face protection. Do not eat, drink or smoke when using this product. Do not breath dust/fume/gas/mist/vapors/spray. Use only with adequate ventilation. Wash face, hands, and any exposed skin thoroughly after handling. Remove contaminated clothing and wash before reuse.
  - Keep container tightly closed and store in a cool, dry and well-ventilated place. Store locked up. Keep out of the reach of children.

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

##### EXPOSURE LIMITS:

Component Name	CAS #	OSHA PEL	ACGIH TLV
Phosphoric Acid	7664-38-2	1 mg/m <sup>3</sup>	1 mg/m <sup>3</sup>
Sulfuric Acid	7664-93-9	1 mg/m <sup>3</sup> (Ceiling)	1 mg/m <sup>3</sup> (Ceiling)

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**Engineering Controls:** Apply technical measures to comply with the occupational exposure limits. Showers. Eyewash stations. Ventilation systems.

**Monitoring:** Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Do not eat, drink or smoke when using this product. Take off all contaminated clothing and wash it before reuse.

**Personal Protective Equipment (PPE)**

**Eye Protection:** Safety glasses with side shields or chemical goggles.

**Skin Protection:** To prevent repeated or prolonged contact, wear impervious gloves (made from rubber, nitrile or neoprene), clothing and boots.

**Respiratory Protection:** None needed under normal use conditions with adequate ventilation. If the occupational exposure limits are exceeded, a NIOSH approved respirator with acid gas cartridges or supplied air respirator appropriate for the form and concentration of the contaminants should be used. Selection and use of respiratory equipment must be in accordance with OSHA 1910.134 and good industrial hygiene practice.

**SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES**

<b>Appearance</b>	Clear liquid
<b>Odor</b>	Slight acid
<b>pH@25°C</b>	< 1
<b>Melting/Freezing Point</b>	Not Determined
<b>Flashpoint</b>	Not Determined
<b>Specific Gravity</b>	1.17
<b>Solubility</b>	completely
<b>Auto-Ignition Temperature</b>	Not Determined
<b>Decomposition Temperature</b>	Not Determined
<b>VOC Content</b>	Not Determined
<b>Odor Threshold</b>	Not Determined
<b>Boiling Range</b>	> 212°F°
<b>Evaporation Point</b>	Not Determined
<b>Flammable Limits - Upper</b>	Not Determined
<b>Flammable Limits - Lower</b>	Not Determined
<b>Vapor Pressure</b>	Not Determined
<b>Vapor Density (Air=1)</b>	Not Determined
<b>Viscosity</b>	Not Determined

**SECTION X - STABILITY AND REACTIVITY**

**Stability:** Stable

**Conditions to Avoid:** Keep out of reach of children. Extreme temperatures.

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**Hazardous Decomposition/Byproducts:** Carbon dioxide and carbon monoxide may form when heated to decomposition.

**Hazardous Polymerization:** Will not occur.

**Polymerization Conditions to Avoid:** None

**SECTION XI - TOXICOLOGICAL INFORMATION**

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

**Inhalation:** Do Not Inhale

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

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

**Ingestion:** Do Not taste or swallow

**Toxicity:**

Component Name	LD50	LC50
Phosphoric Acid	Oral - rat - 1530 mg/kg - Dermal - rabbit - 2740 mg/kg	Inhalation - rat - 25.5 mg/m <sup>3</sup>
Sulfuric Acid	Oral - rat - 2140 mg/kg	Inhalation - mouse - 320 mg/m <sup>3</sup> /2H; Inhalation - rat - 51-

Reproductive Effects	Teratogenicity	Mutagenicity	Embryotoxicity	Sensitization to Product	Synergistic Products
Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable

**SECTION XII - ECOLOGICAL INFORMATION**

**Ecotoxicity:** Information not available.

**Mobility:** Information not available.

**Degradability:** Information not available.

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**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:** Corrosive Liquid, n.o.s.,  
**Contains:** Phosphoric Acid, Sulfuric Acid  
**Hazard Class and Label:** 8  
**Identification Number:** UN1760  
**Packaging Group:** II

**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:**

Component Name	CAS #	% by wt.	RQ (lbs.)	TPQ (lbs.)
Sulfuric Acid	7664-93-9	< 5		1,000

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

Acute	Chronic	Fire	Pressure	Reactive
N/A	N/A	N/A	N/A	N/A

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

Component Name	CAS #	% by wt.
	7664-38-2	< 40

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

Component Name	CAS #	% by wt.	RQ (lbs.)
Phosphoric Acid	7664-38-2	< 40	5,000
Sulfuric Acid	7664-93-9	< 5	1,000

**SECTION XVI - OTHER INFORMATION**

**HMIS Health:** ..... 2  
**HMIS Flammability:** ..... 0  
**HMIS Reactivity:** ..... 0

**Additional:**

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**Specification Information**

**Department issuing data sheet:** Revised 4/20/15

**Email address:**

**Training necessary:**

**Disclaimer:**

The information provided in this SDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.