

Material Safety Data Sheet

BAQUASPA Filter Cleaner (while supplies last!)

Version 2.2
Issue Date 02/24/2003

Print Date 02/26/2005

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Material Name : BAQUASPA Filter Cleaner (while supplies last!)
BAQUASPA® Filter Cleaner
BRILLIANCE SPA Filter Cleaner

Product Code :
MSDS Number : 150000020220

Company : **Arch Chemicals, Inc.**
501 Merritt 7 PO Box 5204
Norwalk, CT 06856-5204

Telephone : 1-800-511-MSDS
Telefax :
Emergency telephone : (800) 654-6911 Medical Emergency

For a transport accident or leak, fire or major spill, call **CHEMICAL EMERGENCY RESPONSE CENTER** (800) 424-9300.

SECTION 2. COMPOSITION/INFORMATION ON INGREDIENTS*

<u>CAS</u>	<u>Wt %</u>	<u>Components</u>
7558-79-4	< 5.10	Disodium phosphate anhydrous
68815-48-5	4.80	Methyl alkyl imidazoline
7664-38-2	< 42.00	Phosphoric acid (70-85%)

*Ingredients not precisely identified are either proprietary or non-hazardous; the NJRTK number for the proprietary component(s) is 510390490 (Arch Chemicals, Inc.) or 043574982 (NeoResins) followed by the 4/5 digit code above.

SECTION 3. HAZARDS IDENTIFICATION**

**As defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200. See Section 8 for exposure guidelines & Section 11 for toxicology and ingredient specific information.

Emergency Overview

**CLEAR AMBER LIQUID; NO ODOR;
CORROSIVE TO THE GASTROINTESTINAL TRACT. SKIN CORROSIVE. EYE
CORROSIVE. CORROSIVE TO THE RESPIRATORY TRACT.**

Potential Health Hazards

Material Safety Data Sheet

BAQUASPA Filter Cleaner (while supplies last!)

Version 2.2
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Eyes	This product is eye corrosive based on its pH.
Skin	This product contains a component which is corrosive to skin. This product, or a component in this product, induced weak skin sensitization in an animal study.
Ingestion	This material will probably cause chemical burns of the mouth, pharynx, esophagus, and stomach in humans, following ingestion of this material. Injury may be severe and cause death.
Inhalation	Vapors and aerosols are probably corrosive to respiratory passages, and may cause ulcerations of nose, throat and larynx. May lead to pulmonary edema, chemical pneumonia and death.

SECTION 4. FIRST AID MEASURES

Inhalation

Remove victim to fresh air. If a cough or other respiratory symptoms develop, consult medical personnel.

Skin contact

Remove contaminated clothing and footwear while under a safety shower. Wash off of skin with plenty of soap and water. Get medical attention. Wash contaminated clothing and decontaminate footwear before reuse.

Eye contact

Immediately flush the eyes with large quantities of running water for a minimum of 15 minutes. Hold the eyelids apart during the flushing to ensure rinsing of the entire surface of the eye and lids with water. Do not attempt to neutralize with chemical agents. Obtain medical attention as soon as possible. Oils or ointments should not be used at this time. Continue the flushing for an additional 15 minutes if a physician is not immediately available.

Ingestion

DO NOT INDUCE VOMITING. Give one or two glasses of water to drink and refer to medical personnel or take direction from either a physician or a poison control center. Never give anything by mouth to an unconscious person.

Notes to physician

Mucosal injury following ingestion of this potentially corrosive material contraindicates the induction of vomiting.

SECTION 5. FIRE FIGHTING MEASURES

Flammable Properties

Does not flash

Lower explosion limit

Method: No Data

Upper explosion limit

Material Safety Data Sheet

BAQUASPA Filter Cleaner (while supplies last!)

Version 2.2
Issue Date 02/24/2003

Print Date 02/26/2005

Method: No Data

Extinguishing agents

Use water fog, foam, carbon dioxide, dry chemical, halogenated agents.

Special protective equipment for firefighters

Wear self-contained breathing apparatus with full facepiece and full protective clothing. If contact occurs with material or its solutions, immediately flush with water and remove contaminated clothing.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions

Wear skin, eye, and respiratory protection during cleanup.

Personal precautions

Floor may become slippery if spilled.

Methods for cleaning up

Contain spill.

Soak up material with absorbent and shovel into a chemical waste container.

SECTION 7. HANDLING AND STORAGE

Handling

Avoid breathing vapors or aerosols.

Prevent skin and eye contact.

Observe recommended exposure limits.

Requirements for storage areas and containers

Store in a tightly sealed container away from incompatible materials.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering measures

Use permitted ventilation adequate to maintain safe levels.

Eye protection

Wear chemical tight goggles and full faceshield.

Material Safety Data Sheet

BAQUASPA Filter Cleaner (while supplies last!)

Version 2.2
Issue Date 02/24/2003

Print Date 02/26/2005

Skin and body protection

Take all precautions to prevent skin contact. Use gloves, arm covers and apron determined to be impervious under the conditions of use. Additional protection, such as full body suit and boots, may be required depending on conditions.
Remove contaminated clothing and wash before rewearing.
Wash separately from other laundry.

Respiratory protection

If needed, use NIOSH certified respirator for organic vapors and acid gases.

Hygienic measures

Eyewash station and safety shower in work area.

Occupational

Components with workplace control parameters

<u>Components</u>	<u>Source</u>	<u>Type</u>	<u>Value</u>	<u>Remarks</u>
Phosphoric acid (70-85%)	ACGIH	Time Weighted Average (TWA):	1 mg/m3	
	ACGIH	Short Term Exposure Limit (STEL):	3 mg/m3	
	NIOSH	Recommended exposure limit (REL):	1 mg/m3	
	NIOSH	Short Term Exposure Limit (STEL):	3 mg/m3	
	OSHA Z1	PEL:	1 mg/m3	
	US CA OEL	Time Weighted Average (TWA) Permissible Exposure Limit (PEL):	1 mg/m3	
	US CA OEL	Short Term Exposure Limit (STEL):	3 mg/m3	
	OSHA Z1A	Time Weighted Average (TWA):	1 mg/m3	
	OSHA Z1A	Short Term Exposure Limit (STEL):	3 mg/m3	

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Form : Liquid

Material Safety Data Sheet

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Color : Clear amber
Odor : No
pH : 0.5
Specific gravity : 1.2240 g/cm³
Water solubility : (Soluble)

SECTION 10. STABILITY AND REACTIVITY

Conditions to avoid : Extra high temperatures.
Materials to avoid : Acids. Aqueous solutions will attack aluminum and galvanized steel, producing flammable hydrogen gas.
Strong alkalis.
Strong oxidizers.
Bases.
Mineral acids.
Hazardous decomposition products : Carbon oxides.
Nitrogen oxides.
Ammonia.
Phosphorus oxides.
Hazardous reactions : Hazardous polymerization is not known to occur.

SECTION 11. TOXICOLOGICAL INFORMATION

Skin irritation : Skin corrosive based on its pH.
Eye irritation : Eye corrosive based on its pH.
Carcinogenicity:
NTP N.D.
IARC N.D.
OSHA N.D.

SECTION 12. ECOLOGICAL INFORMATION

Material Safety Data Sheet

BAQUASPA Filter Cleaner (while supplies last!)

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Additional ecotoxicological : No data.
remarks

Environmental fate : No data.

Other : No data.

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal method : Discarded product is a hazardous waste under RCRA. Dispose of in a facility permitted for hazardous waste. Dispose of properly.

Container disposal : Empty container retains potentially hazardous residue. Observe all hazard precautions. May contain corrosive material. Do not distribute, make available, furnish or reuse empty container except for storage and shipment of original product. Remove all product residue from container and puncture or otherwise destroy empty container before disposal.

SECTION 14. TRANSPORT INFORMATION

Proper shipping name : Phosphoric Acid Solution
UN No. : UN1805
Special provision :
Class : 8.0
Additional class :
Additional class :
Packaging group : 3

SECTION 15. REGULATORY INFORMATION

TSCA (TSCA Substances Control Act) : All ingredients are on the TSCA Chemical Substances Inventory.

CEPA (Canadian Environmental Protection Act) : All components are listed on the DSL with the exception of the following, which are listed on the NDSL
: Methyl alkyl imidazoline 68815-48-5

Material Safety Data Sheet

BAQUASPA Filter Cleaner (while supplies last!)

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SARA Title III (Emergency Planning and Community Right-To-Know Act)

: This product does not contain any chemicals subject to the reporting requirements of SARA Section 313.

California Proposition 65

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

Canada

WHMIS Classifications :

- Class D, Division 2B, Toxic.
- Class D, Division 1B, Toxic
- Class E - Corrosive material (CPR62).

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all of the information required by the CPR.

SECTION 16. OTHER INFORMATION

Further information:

We assigned NFPA and HMIS ratings to this product based on the hazards of its ingredient(s). Because the customer is most aware of the application of the product, he must ensure that the proper personal protective equipment (PPE) is provided consistent with information contained in the product MSDS.*

NFPA Rating

Health	:	3
Fire	:	0
Reactivity	:	0
Special	:	

HMIS Rating

Health	:	3
Fire	:	0
Reactivity	:	0
** *	:	

*This information is intended solely for the use of individuals trained in the particular hazard rating system.

**See appropriate MSDS section.

THE PRODUCT NAMES LISTED ARE TRADEMARKS OF ARCH CHEMICALS, INC. OR ITS AFFILIATED COMPANIES.

The information herein is given in good faith but no warranty, expressed or implied, is made.

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This MSDS was prepared by the Safety, Health and Environment Group of at 501 Merritt, Norwalk, CT 06856. For further questions, call during regular business hours at 1-800-511-MSDS.