



Industrial and Business Flyer



Know the Facts!

Chloramines Conversion Specialized Industries

Preparing for Chloramines

In August 2015, the following water utilities: **the City of Hagerstown, the Town of Smithsburg, the Town of Funkstown, and the Town of Williamsport** will embark on a modification of their current water treatment process. The new process will involve switching the disinfectant from **chlorine to chloramines** to comply with new federal regulatory standards. Chloraminated water is safe for drinking, bathing, cooking, and all other uses we have for water everyday. However, there are three groups that need to take special precautions when using chloraminated water: dialysis patients, specialized businesses, and fish pond and aquarium owners, using highly treated water.

What are chloramines?

Chloramines are a disinfectant used to treat drinking water. They are formed by mixing chlorine with ammonia at carefully controlled levels. Similar to chlorine, chloramines are effective at killing harmful bacteria and other germs.

Are chloramines safe?

Chloramines have been used safely in the United States for many years. The addition of chloramine to the disinfection process will decrease the amount of disinfectant byproduct levels produced while improving water quality.

How do I prepare for chloramines?

The participating water providers recommend reviewing your current chlorine removal approach to assess any needed changes to remove chloramines before the conversion in August 2015

Will chloramines affect routine business or industry water use?

Businesses and industries that use water in any manufacturing process for food or beverage preparation, commercial laundering operations, laboratory procedures, seafood handling or any other processes in which water characteristics must be carefully controlled need to be aware of the change in water disinfection. The conversion to chloramines may require companies to adjust or upgrade their current filtration and treatment system. Businesses should contact their equipment supplier, equipment manufacturers, or other suppliers to determine needs

How can chloramines be removed?

Chloramines can be removed by one of two methods; a carbon filter that contains a high quality granular activated carbon, or water treatment products that neutralize chloramines.



Will reverse osmosis remove chloramines?

No. Only salts are caught by the permeable membranes, allowing chloramines to easily pass through.

Will boiling remove chloramines?

No, chloramine cannot be removed by boiling water, adding salt, or letting water stand in an open container to dissipate.

Will Chloramines harm plants?

Chloramines are safe to use on plants of any type, including ornamental, vegetables, fruit and nut trees.

Resources

Environmental Protection Agency (EPA)

Safe Drinking Water Hotline: 1-800-426-4791

www.epa.gov/ogwdwOOO/disinfection/chloramine/index.html

www.epa.gov/safewater/mdbp/pdf/alter/chapt_2.pdf

www.epa.gov/safewater/resource

Centers for Disease Control and Prevention

phone number:1-800-232-4636

The National Sanitation Foundation

www.nsf.org

phone number: 1-877-867-3435

Questions?

Contact Your Local Water Provider



City of Hagerstown
(301) 739-8577 X690



Town of Smithsburg
(301) 824-7234



Town of Funkstown
(301) 791-0948



Town of Williamsport
(301) 223-7711





Business Resources

Chemical Suppliers, Formulators, and Synthesizers

American Chemical Society
help@acs.org
www.acs.org
800-227-5558

The International Council of Chemical Associations
rba@cefic.be
www.icca-chem.org
202-249-6420

National Association of Chemical Distributors
nacdpublishaffairs@nacd.com
www.nacd.com
703- 527-NACD

American Chemistry Council
lora_magruder@americanchemistry.com
202-249-7000
www.americanchemistry.com

Society of Chemical Industry
secretariat@soci.org
www.soci.org
215-873-8232

Coffee and Tea Brewing

National Coffee Association
info@ncausa.org
www.ncausa.org
212-766-4007

Specialty Coffee Association of America
www.scaa.org
562-624-4100

Florist

www.mygarden.net.au/
www.intheloop.groworganic.com
PO Box 2209, 125 Clydesdale Ct.
Grass Valley, CA 95945 888-784-1722

Greenhouses and Plant Suppliers

The National Greenhouse Manufacturers Association
(NGMA)
info@ngma.com
www.ngma.com
800-792-NGMA

Hardwood, Plywood and Veneer

Hardwood, Plywood and Veneer Association
www.hpva.org
1-703-435-2900

Health Food Stores

Organic Consumers Association
www.organicconsumers.org
218-226-4164

Natural Products Association
naturai@NPAinfo.org
www.NPAinfo.org
800-966-6632

School Nutrition Association
servicecenter@schoolnutrition.org
301-686-3100
www.schoolnutrition.org

Welcome to the Alliance for Natural Health - USA
office@anh-usa.org
www.anh-usa.org
1-800-230-2762

Paints, Formulators and Suppliers

Paint & Decorating Retailers Association
www.pdra.org
1-636-326-2636

Water Purification and Filtration

National Water Service, Inc.
800-232-3506
Email: info@nationalwaterservice.com
www.nationalwaterservice.com

Ultra Pure BEY Drinking Water
Filter System (Pure Water Systems, Inc.)
www.purewatersystems.com
866-444-9926