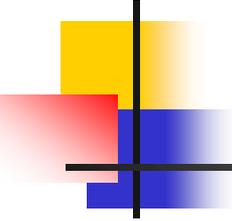


Backflow Prevention

NMED Cross-Connection Regulations



- 20.7.10.102 GUIDANCE DOCUMENTS: The current editions of the following materials, including all future editions and amendments are used by the department as guidance documents for determining generally acceptable standards for construction and operation of public water systems.
- J. List of approved backflow prevention assemblies, University of Southern California Foundation for Cross-Connection Control and Hydraulic Research, University of Southern California, Kaprielian Hall 200, Los Angeles, CA 90089-2531.
- O. Cross connection control manual, USEPA, Washington D.C., 20460, EPA 816-R-03- 002.



NMED Cross-Connection Regulations

- 20.7.10.400 GENERAL OPERATING REQUIREMENTS:
 - L. Cross-connections. Cross-connections to a public water system or within a public water system shall be prohibited, unless the public water system is protected by a method acceptable to the department using either a device listed by the foundation for cross connection control and hydraulic research or a device acceptable to the department to prevent the back flow of water.

CERTIFIED BACKFLOW PREVENTION DEVICE TESTERS - PUBLIC

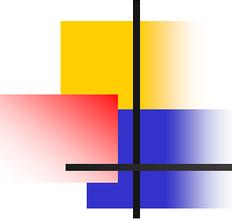
Albuquerque Bernalillo County Water Authority

Office (505) 873-7080, Fax (505) 873-7087

Email: backflow@abcwua.org



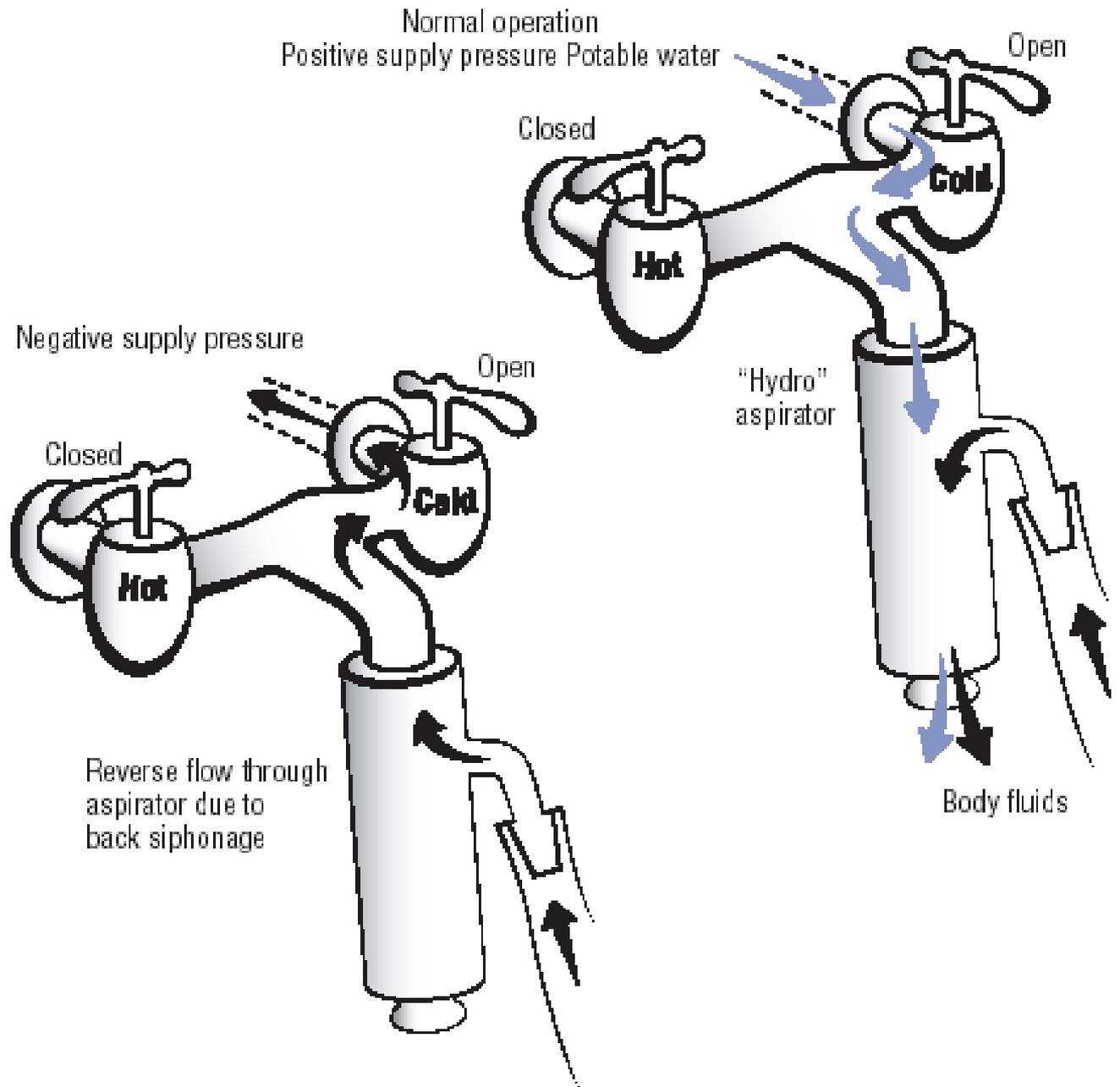
BUSINESS NAME	CONTACT NAME	CONTACT PHONE NUMBER	SERVICES AVAILABLE	CERTIFICATION DATE	EXPIRATION DATE
1 OF A KIND HEATING, AIR CONDITIONING & PLUMBING LLC (CROSS CON)	BLEA,VICTOR	(505) 507-7090	Test	04/08/2016	04/08/2019
	BLEA,VICTOR	(505) 507-7090	Test/Repair/Replace	04/08/2016	04/08/2019
1ST DEFENSE FIRE PROTECTION (CROSS CONNECTIONS)	ARMJO,JASON	(505) 471-7057	Test	08/14/2015	08/14/2018
4H PLUMBING & HEATING LLC (CROSS CONNECTION)	HEAD,JOHN	(505) 450-5627	Test	08/10/2012	08/10/2015
	HEAD,JOHN	(505) 450-5627	Test/Repair/Replace	08/10/2012	08/10/2015
A & L MECHANICAL	ARAGON,AUGUSTINE	(505) 974-5396	Test	03/09/2018	03/09/2021
	ARAGON,AUGUSTINE	(505) 974-5396	Test/Repair/Replace	03/09/2018	03/09/2021
A & S PLUMBING (CROSS CONNECTIONS)	CARREATHERS,LONNIE	(505) 877-2897	Test	02/09/2018	02/09/2021
	EASLEY,MATTHEW	(505) 877-2897	Test	02/26/2016	02/26/2019
	GARCIA,STEVE P.	(505) 877-2897	Test	03/17/2017	03/17/2020
	HERNANDEZ,ARTURO	(505) 877-2897	Test	03/17/2017	03/17/2020
	EASLEY,MATTHEW	(505) 877-2897	Test/Repair/Replace	02/26/2016	02/26/2019
A + CONSTRUCTION	ROMERO,PAUL E	(505) 429-3710	Test	10/06/2017	10/06/2020
	ROMERO,PAUL E	(505) 429-3710	Test/Repair/Replace	10/06/2017	10/06/2020
A LOGICAL CHOICE PLUMBING (CROSS CONNECTION)	MUNOZ,JAVIER	(505) 867-9744	Test	06/08/2018	06/08/2021
	MUNOZ,JAVIER	(505) 867-9744	Test/Repair/Replace	06/08/2018	06/08/2021
A-1 SEWER & DRAIN SVC (CROSS CONNECTION)	STUCKEY,STEVEN	(505) 343-1030	Test	03/09/2018	03/09/2021
	STUCKEY,STEVEN	(505) 343-1030	Test/Repair/Replace	03/09/2018	03/09/2021
AAA BACKFLOW TESTING & REPAIR (CROSS CONNECTIONS)	PEREZ,LUIS A	(575) 644-4569	Test	12/08/2017	12/08/2020
AARDVARK CO. INC. (CROSS CONNECTIONS)	MCCLELLAND,SCOT	(505) 344-1768	Test	07/17/2015	07/17/2018
ABUELITOS	KEIM,TERRY L.	(505) 507-5154	Test	11/18/2011	11/18/2014
ACCENT FIRE PROTECTION	NORIEGA,JONATHAN	(505) 670-3658	Test	08/10/2018	08/10/2021
ACCREDITED BACKFLOW SPECIALISTS, LLC	TORRES,STEVE	(505) 884-1844	Test	02/20/2012	02/20/2015
	TORRES,STEVE	(505) 884-1844	Test/Repair/Replace	02/20/2012	02/20/2015
ACCREDITED BACKFLOW SPECIALISTS, LLC (CROSS CONNECTIONS)	FIELD,MARC	(505) 280-4270	Test	06/09/2017	06/09/2020
	LARD,BECKI	(505) 232-8466	Test	07/06/2017	07/06/2020
	TORRES RAMOS,ANGELICA M.	(505) 301-1356	Test	05/08/2015	05/08/2018

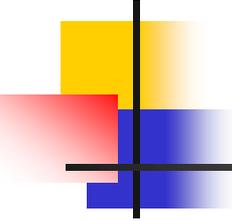


Backflow Prevention

- Required in every state
- Air gap is the best method
- Testable backflow preventor the preferred type of device (if one is necessary)
 - Reduced pressure
 - Double check with atmospheric vent
 - Pressure vacuum breaker
- Atmospheric vacuum breaker and vacuum breakers are not acceptable

the water quality and the public health.

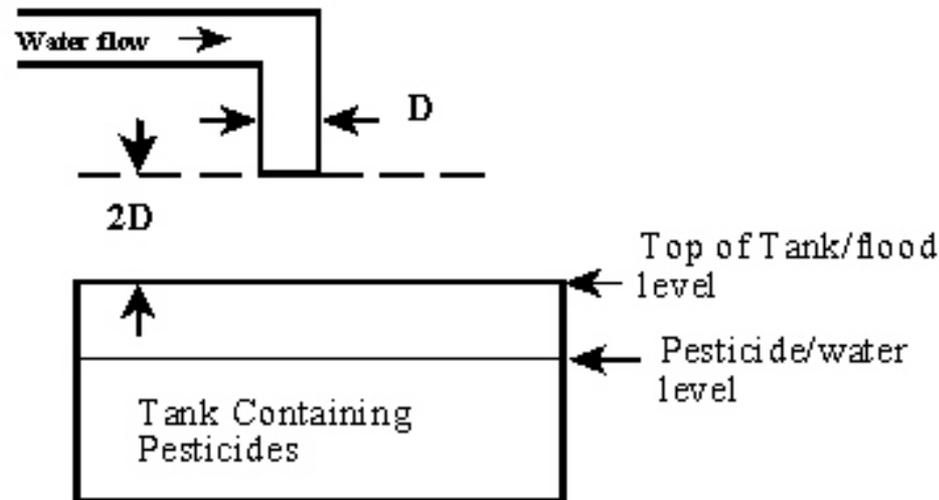




Air Gap

- **Air-Gap:** An air-gap separation is an unobstructed physical separation through the free atmosphere, between the lowest opening from any pipe or faucet supplying water to a tank, plumbing fixture, or other device and the **flood level rim** of the receptacle. The differential distance shall be at least double the inside diameter (D) of the supply pipe.
- In no case shall the air-gap be less than one inch. See the figure below, for a diagram of an air-gap separation.

Air Gap



- The air gap cannot be compromised by reliance on a float to shutoff the water and maintain the acceptable distance.

Typical hose standard without an
air gap funnel



NOV 16 2005





Use of a pipe to provide an air gap







GREGSON-CLARK Spraying Equipment
A Division of Rhett M. Clark, Inc.

Questions? Call: 1-800-706-9530 | M-F 8AM - 5PM EST

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3/4" ALUMINUM AIR GAP FILL LINE



Cost \$42

<http://compostwerks.com/equipments/compost-tea-sprayers-87829/sprayer-accessories/product/17-air-gap-fill-lines#options>



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AIR GAP FILL LINES



\$135.00 each

Air Gap Fill Line

Air gap fill lines are very useful for hands free transferring of bulk liquids into your spray tank. This can help you manage your time and help to prevent spills.

These units also help to prevent back-siphoning of liquids. They are adaptable to many different sized hoses.

Sold in $\frac{3}{4}$,
1.5, and 2 inch
sizes ranging in
cost from \$79 to
\$150



Is this compliant?

- Air gap is compliant
- Tank must be marked either
 - NON-POTABLE WATER
 - CONTAMINATED WITH PESTICIDES
- Baffles needed in the tank



NON POTABLE

03.02.2015





03.02.2015



WARNING

Read before Using Tank

This tank can be used only with compatible materials. It is not to be used with any chemical supplier if not listed in a manufacturer's list. NEVER MIX WITH ANY OTHER MATERIAL. NEVER USE FOR TANK TREATMENT. NEVER USE FOR PROPERTY DAMAGE.

1. Clean out tank before changing chemicals/ingredients. A DANGEROUS CHEMICALS COULD INJURE AND CAUSE DAMAGE TO TANK OR NEARBY PROPERTY.

2. Fill tank with water before installation to check for leaks.

3. An air bottom tank MUST be installed on a solid flat level surface on a concrete or masonry pad. Air bottom tanks must be installed on a concrete pad.

4. All tanks or pump bottom tanks must be installed on a concrete pad.

5. Tank is not for use. NEVER expose to fire, open flame or heat. Always refer to tank label. Tank should be grounded and connected to ground for protection or grounding.

6. ALWAYS keep tank tightly covered. Tank must always be kept tightly covered for storage and use. Do not use for anything other than storage and use. Do not use for anything other than storage and use. Do not use for anything other than storage and use.

7. All tanks must be stored in a secure, well-ventilated area. Do not use for anything other than storage and use. Do not use for anything other than storage and use.



Is this an OSHA compliant eyewash?

EMERGENCY EYEWASH



Emergency Eye Wash vs. Personal Eye Wash



This is NOT an OSHA compliant eyewash



DEC 8 2003

Garlon® 3A

Specialty Herbicide

For the control of woody plants, broadleaf weeds in forests and industrial non-crop areas, including manufacturing and storage sites, rights-of-way such as electrical power lines, communication lines, pipelines, roadsides, railroads, fence rows, non-irrigation ditch banks, and around farm buildings; including application to grazed areas, and establishment and maintenance of wildlife openings on these sites, and in Christmas tree plantations. Use within production forests and industrial non-crop sites (including those listed above) may include applications to control target vegetation in and around standing water sites, such as marshes, wetlands, and the banks of ponds and lakes.

For use in New York State, comply with Section 24(c) Special Local Need labeling for Garlon 3A, SLN NY-060002.

Active Ingredient:	
triclopyr: 3,5,6-trichloro-2-pyridinyloxyacetic acid, triethylamine salt.....	44.4%
Inert Ingredients	55.6%
Total	100.0%

Acid equivalent: triclopyr - 31.8% - 3 lb/gal

Keep Out of Reach of Children

DANGER PELIGRO

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail.)

Precautionary Statements

Hazard to Humans and Domestic Animals

Corrosive • Causes Irreversible Eye Damage • Harmful If Swallowed Or Absorbed Through Skin • Prolonged Or Frequently Repeated Skin Contact May Cause Allergic Reaction In Some Individuals
Do not get in eyes or on skin or clothing.

Personal Protective Equipment (PPE)
Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
 - Shoes plus socks
 - Protective eyewear
 - Chemical resistant gloves (≥ 14 mils) such as butyl rubber, natural rubber, neoprene rubber or nitrile rubber
- Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. Follow manufacturer's

Net Contents **30 gal**

Engineering Controls

When handling this product, use engineering controls such as a respirator, eye protection, and gloves. WPS (40 CFR 170.104) may be reduced or waived.

User Safety Recommendations

- Users should:
- Wash hands before eating, drinking, or using tobacco, or using the toilet.
 - Remove clothing immediately if you feel irritation. Then wash thoroughly with soap and water.
 - Remove PPE immediately when work is finished. Wash the outside of your gloves as soon as possible. Wash thoroughly and change into clean clothing.

First Aid

If in eyes: Hold eye open and flush copiously with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes. Continue flushing.

If on skin or clothing: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

If swallowed: Call a poison control center or doctor immediately for treatment advice. Have the product container or label with you when you call. Do not give anything by mouth to someone who has swallowed this product. Have the product container or label with you when you call. You may also contact a poison control specialist for emergency medical treatment information.

Note to Applicator: Keep all hands and face free from exposure to spray residue of this product when used as directed.

Note to Physician: Prehospital treatment should be based on the information on this label. Do not discontinue treatment until you have communicated the use of this product.

Environmental Hazards

Do not contaminate water when handling this product or disposing of equipment washwaters. Do not apply to streams, rivers, or other bodies of water. Do not apply to areas where the product may contribute to fish suffocation. This product may cause fish suffocation. This product may cause fish suffocation. This product may cause fish suffocation. Do not treat more than one acre of water in a single application and only if you are using treatments. See treatment instructions on the label for more information. Consult with the State Department of Environmental Conservation for more information on applying to public water systems. This chemical has properties that are associated with persistent organic pollutants.

03.20.2017

Garlon 3A

Specialty Herbicide

NY-060002, Re-labeling for Garlon 3A, SLN

Active Ingredient:	
triclopyr: 3,5,6-trichloro-2-pyridinyloxyacetic acid, triethylamine salt.....	44.4%
Inert Ingredients	55.6%
Total.....	<u>100.0%</u>

Acid equivalent: triclopyr - 31.8% - 3 lb/gal

Keep Out of Reach of Children

Personal Protective Equipment (PPE) Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Shoes plus socks
- Protective eyewear
- Chemical resistant gloves (≥ 14 mils) such as butyl rubber, natural rubber, neoprene rubber or nitrile rubber

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. Follow manufacturer's

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 - Protective eyewear
 - Chemical resistant gloves (≥ 14 mils) such as butyl rubber, natural rubber, neoprene rubber or nitrile rubber
- Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. Follow manufacturer's

Net Contents **30 gal**

User Safety Precautions
Users should:

- Wash hands before eating, drinking, or using tobacco, or using the toilet.
- Remove clothing immediately if you feel you have been exposed to the herbicide.
- Remove PPE immediately after use and wash the outside of your clothing as soon as possible with clean water and clean clothing.

First Aid
If in eyes: Hold eye open and flush with water for 15-20 minutes. If irritation persists, after the first 15 minutes, call a poison control center or doctor. Call a poison control center or doctor if on skin or clothing. Wash off clothing. Remove contaminated clothing and shoes. Wash skin for 15-20 minutes.

03.20.2017

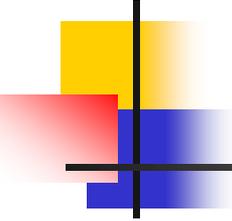
Portable eye wash station is needed
when mixing corrosive pesticides

Personal Protective Equipment (PPE)

Applicators and other handlers must wear:

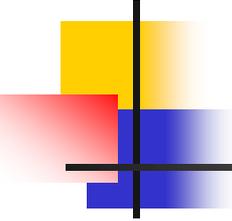
- Long-sleeved shirt and long pants
- Shoes plus socks
- Protective eyewear
- Chemical resistant gloves (\geq 14 mils) such as butyl rubber, natural rubber, neoprene rubber or nitrile rubber

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. Follow manufacturer's



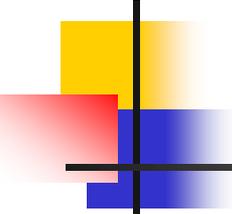
Emergency Eye Wash

- OSHA/ANSI Z358.1 compliant eye wash has the following features:
 - 0.4 gpm of flow for 15 minutes
 - delivers flushing fluid to both eyes simultaneously
 - Heads positioned 33"-45" from floor
 - Positioned 6" from wall or nearest obstruction.



Emergency Eye Wash

- OSHA/ANSI Z358.1 compliant eye wash has the following features:
 - Valves activate in 1 second or less.
 - Valves stay open leaving hands free
 - Victim should be able to reach an eyewash station within 10 seconds
 - OSHA estimates that the average person can cover approximately 55 feet in that time, provided stairs or other obstacles do not interfere

- 
- This is an OSHA compliant eyewash, but it must be cleaned, disinfected, filled with preservative added annually



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Low-Profile Emergency Eyewash Station

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Item # 121891 

 In stock!

Qty	Price
1 - 3	\$216.25
4 +	\$194.85

Quantity

1

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Description

The compact, portable size of this Emergency Eyewash Station makes it easy to take wherever you need it

EASY TO USE - The built-in, bright yellow handle makes it easy to locate and activate when vision is impaired

CAPACITY - It holds 9 gal. of water and weighs 70 lb. when filled

DIMENSIONS - Station measures only 22"W x 14-1/2"H x 10-1/8"D

Space-saving eyewash station meets OSHA's emergency eyewash requirements. Includes a mounting bracket so you can attach it to a wall. The wide opening is easy to inspect, clean and fill with eye washing solution. Use with [Sterile Eyewash Solution](#). Meets ANSI Z358.1 requirements.

[See all Workplace Emergency Supplies](#)

2018 Reference Guide: [Page 60](#)

OSHA compliant, but must be cleaned, disinfected, preservative added, and mounted properly

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[Print](#)



Sterile Preservative Eyewash Solution

☆☆☆☆☆ [Write a Review](#)

Item # 222488

In stock!

Qty	Price
1 - 3	\$61.15
4 +	\$56.05

Quantity

1

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[Add to Wish List](#)

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Description

Create a sterile eyewash solution that's ready for an emergency at a moment's notice

One 5-oz. bottle of this Sterile Preservative Solution preserves 5 to 20 gal. of potable water for up to three months. Use with the [Low-Profile Emergency Eyewash Station](#). Solution has a 3-year shelf life and comes in pkg. of four bottles.

Eyewash with
prepacked
sealed saline
cartridge
costs \$400





Honeywell

Product Number: 32-ST2050-01

Lot Number: **98242076**

Expire Date: **09/2013**

F38C440A - 9129 - 403C - 992C - 1E530N
Customer Service Telephone: 1-800-43

▲ WARNING:

- Use only with Fendall 2000
- Do not refill cartridge
- Dispose of properly
- Protect from freezing
- Failure to follow these installation instructions and warnings may result in serious personal injury including blindness and death.

▲ ADVERTENCIA:

- Use sólo con Fendall 2000
- No vuelva a llenar el cartucho
- Deséchelo adecuadamente
- Protéjalo de temperaturas congelantes
- El no seguir estas instrucciones de instalación ni las advertencias podría ocasionar graves lesiones personales incluidas ceguera o la muerte.

▲ AVERTISSEMENT:

- Utiliser seulement avec le Fendall 2000
- Ne pas remplir la cartouche
- Disposer correctement
- Protéger contre la congélation
- A défaut de suivre ces instructions d'installation et ces avertissements, il est possible de se blesser gravement ou de se rendre aveugle.

Replacement cartridges costs about \$150 and have a shelf life of up to 2 years



EYE WASH

fend-all

EMERGENCY EYEWASH

Pure Flow 1000[®]

Product name: Cartridge, Model: 1000-1000-0000
Product No.: 1000-1000-0000, 1000-1000-0000

FOR EMERGENCY USE ONLY

PULL

HANDLE TO ACTIVATE

LOWER FACE INTO SOLUTION STREAM

HOLD EYES OPEN WITH THUMB AND FOREFINGER
FLUSH EYES UNTIL SOLUTION FLOW STOPS
AFTER FLUSHING EYES
SEEK MEDICAL TREATMENT IMMEDIATELY

ALTO

STOP! HOLD HERE! EMERGENCY USE ONLY

fend-all

Honeywell Fendall Pure Flow 1000 Emergency Eyewash Station

WYF01401715 | Model # HNY1068

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Extended Assortment

\$399

Delivery Date:

Enter Zip Code

Go

Enter Zip Code

[Parcel](#)

- Brand: Honeywell
- Supplied and Shipped by [Wayfair.com](#)

1

Each



Free Shipping



Easy Returns





This eyewash does not use sealed saline cartridges. It must be disinfected and refilled periodically

06.13.2017

If you got an acid based herbicide in your eyes the water in this eyewash may cause an infection in your eyes.



WAR
Insulated jacket must remain on at all times.
Failure to do so may result in freezing.

06.13.2017

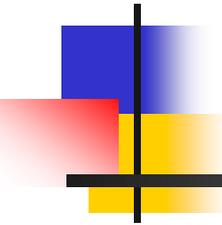
WARNING

let must remain on at all times.
do so may result in freezing,-
the unit inoperative

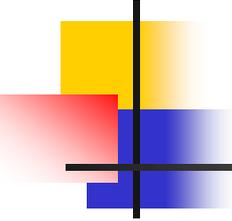
06.13.2017

Eyewash location is important





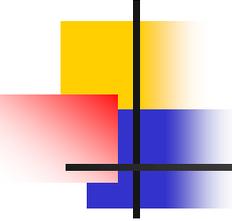
Respiratory Protection



When must you wear a respirator?

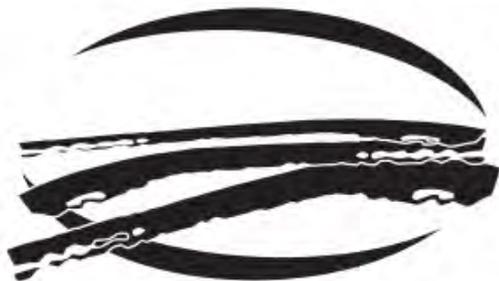
- Answer:

- When directed by the label; or
- When air monitoring shows you are exposed to a regulated contaminant (e.g., dust) above the Permissible Exposure Level (PEL)



What type of respirator must you wear?

- Answer:
 - Depends on the contaminant;
and
 - What ever the label says to wear



DIURON 80 WDG

WEED KILLER

WATER DISPERSIBLE GRANULE

ACTIVE INGREDIENT:		
Diuron [3-(3,4-dichlorophenyl)-1,1-dimethylurea]	80%
INERT INGREDIENTS:	20%
	TOTAL	100%

KEEP OUT OF REACH OF CHILDREN

CAUTION

See Below For Additional Precautionary Statements.

EPA REG. NO. 34704-648

EPA EST. NO. 34704-MS-001

NET WEIGHT 4 POUNDS (1.81 KG)

IHT

092007 V2 12P07

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION

Harmful if swallowed. Causes moderate eye irritation. Harmful if absorbed through skin. Avoid contact with eyes, skin or clothing.

Personal Protective Equipment:

Some of the materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for category A on an EPA chemical-resistance category selection chart.

All pilots, flaggers and groundboom applicators must wear: long-sleeved shirt and long pants and shoes plus socks.

All mixers, loaders, other applicators, and other handlers must wear: long-sleeved shirt and long pants, shoes plus socks, chemical resistant gloves such as polyethylene or polyvinylchloride and a NIOSH-approved dust/mist filtering respirator with any N, R, P, or HE filter or NIOSH-approved dust/mist filtering respirator with approval number prefix TC-21C, chemical-resistant apron with mixing, loading,

FIRST AID

If swallowed:	<ul style="list-style-type: none"> • Call a poison control center or doctor immediately for treatment advice. • Have a person sip a glass of water if able to swallow. • Do not induce vomiting unless told to do so by the poison control center or doctor. • Do not give anything by mouth to an unconscious person.
If in eyes:	<ul style="list-style-type: none"> • Hold eye open and rinse slowly and gently with water for 15-20 minutes. • Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. • Call a poison control center or doctor for treatment advice.
If on skin or clothing:	<ul style="list-style-type: none"> • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15-20 minutes. • Call a poison control center or doctor for treatment advice.
If inhaled:	<ul style="list-style-type: none"> • Move person to fresh air. • If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. • Call a poison control center or doctor for further treatment advice.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

FOR A MEDICAL EMERGENCY INVOLVING THIS PRODUCT CALL:
1-800-301-7976.

ENVIRONMENTAL HAZARDS

Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment wash waters. Apply this product only as specified on this label.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION

Harmful if swallowed. Causes moderate eye irritation. Harmful if absorbed through skin. Avoid contact with eyes, skin or clothing.

Personal Protective Equipment:

Some of the materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for category A on an EPA chemical-resistance category selection chart.

All pilots, flaggers and groundboom applicators must wear: long-sleeved shirt and long pants and shoes plus socks.

All mixers, loaders, other applicators, and other handlers must wear: long-sleeved shirt and long pants, shoes plus socks, chemical resistant gloves such as polyethylene or polyvinylchloride and a NIOSH-approved dust/mist filtering respirator with any N, R, P, or HE filter or NIOSH-approved dust/mist filtering respirator with approval number prefix TC-21C, chemical-resistant apron with mixing, loading, or cleaning equipment or spills.

See Engineering controls for additional requirements.

Follow manufacturer's instructions for cleaning and maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

Engineering controls statements:

If you want more options, follow the instructions for category A on an EPA chemical-resistance category selection chart.

All pilots, flaggers and groundboom applicators must wear: long-sleeved shirt and long pants and shoes plus socks

All mixers, loaders, other applicators, and other handlers must wear: long-sleeved shirt and long pants, shoes plus socks, chemical resistant gloves such as polyethylene or polyvinylchloride and a NIOSH-approved dust/mist filtering respirator with any N, R, P, or HE filter or NIOSH-approved dust/mist filtering respirator with approval number prefix TC-21C, chemical-resistant apron with mixing, loading, or cleaning equipment or spills.

See Engineering controls for additional requirements.

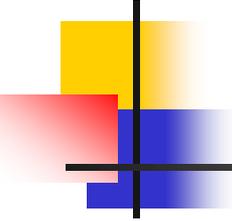
Follow manufacturer's instructions for cleaning and maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

Engineering controls statements:

When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets with requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240 (d) (4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

Pilots must use an enclosed cockpit that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240(d)(6)].

Flaggers supporting aerial applications must use an enclosed cab that meets the definition in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240(d)(5)] for dermal protection. In addition, flaggers must wear long-sleeved shirt, long pants, shoes and socks.



Is a dust mask a respirator?

- Answer:

- Yes, a dust mask that is identified as an N95 respirator is a fully-regulated respirator?
- A comfort mask is not a respirator

Is a Dust Mask Considered a Respirator?

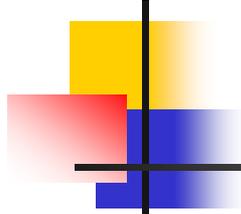
<http://www.oshatraining.com/is-dust-mask-a-respirator.php>

Are Dust Masks Considered Respirators?

December 1, 2013 - One question I always ask trainees when discussing personal protective equipment (PPE) during OSHA 10 hour training classes is whether or not OSHA considers a dust mask to be a respirator. It has been my experience that the vast majority of students in most classes answer "no, it is not". But the simple answer to that question is "YES, dust masks are considered respirators per the OSHA respiratory protection standard". However, the steps you must take to comply with that standard can vary greatly, depending on whether the employee's use of the dust mask is voluntary or mandatory.

Let's begin by looking at the definitions section of the OSHA respiratory protection standard ([1910.134, paragraph b](#)). The first thing you should note is that OSHA has provided definitions for a variety of specific types of respirators, such as "*Atmosphere-supplying respirator*", "*Demand respirator*", and "*Self-contained breathing apparatus (SCBA)*". But I want to draw your attention to the definition for the term "*Filtering facepiece*"; there you will note the definition includes "*dust mask*" in parentheses, and then goes on to say it means "*a negative pressure particulate respirator with a filter as an integral part of the facepiece or with the entire facepiece composed of the filtering medium.*" So that definition alone should clarify for everyone that a dust mask IS considered by OSHA to be a respirator. But if you are still in denial, read this [OSHA letter of interpretation about the use of dust masks](#).

What this means is that all applicable rules in the OSHA respiratory protection standard that apply to the use of respirators would apply to dust masks; with "applicable" being the operative term here. For instance, if a worker must wear a dust mask because he or she is exposed to nuisance dust at a concentration that exceeds the OSHA permissible exposure limit (PEL), or even if the employer decides to make the use of a dust mask mandatory for a certain task, then all elements of the respiratory protection standard must be implemented, per paragraph 1910.134(c)(1). That includes, but is not limited to, the development of a written respiratory protection program with site-specific procedures, a medical evaluation and written clearance for that worker to wear the dust mask, an initial fit test of the dust mask to the user (yes, you can fit test a dust mask), which must be repeated annually, and initial respiratory protection training for users which must also be repeated annually. By the way, if you did not know there were PEL's for dust exposure, refer to [Table Z-3 in 1910.1000](#) and locate "Inert or



Dust masks are classified as an N95 Respirator

3M 8210



Respirator N95 Particulate

Respirateur N95 contre les particules

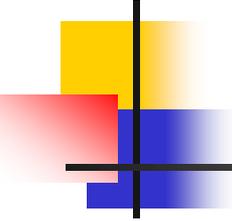
Respirador N95 para partículas

Respirador N95 para partículas

20 

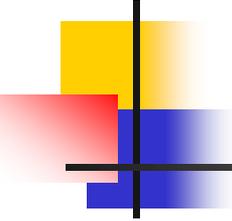
contém 20 respiradores

PRODUIT APPROUVE
42CFR84
APPROVED PRODUCT



OSHA Respirator Protection Regulations [29 CFR 1910.134]

- Mandatory and voluntary respirator use are both regulated
- Employer required to determine if work environment exceeds a Permissible Exposure Level (PEL)
- Respiratory protection program required if PEL exceeded and engineering controls are not feasible
- If pesticide label requires use of a respirator its use is mandatory
- Dust masks are a N95 respirator



OSHA Respirator Protection Program Requirements [29 CFR 1910.134]

- Written program
- Medical evaluations
- Fit testing
 - Annual requirement
- Training on respirator use, storage, and maintenance
- Qualified program administrator
- Individuals with facial hair cannot wear half face respirators [(g)(1)]

Is voluntary use of a half-face respirator regulated?

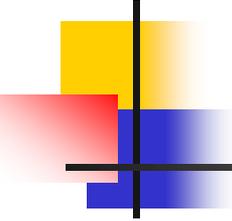


03.20.2017



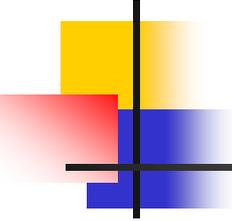
Yes voluntary use of a half-face respirator is regulated.

03.20.2017



Voluntary Use of Half-Face Respirators [29 CFR 1910.134(c)(2)]

- PEL not exceeded
 - Check with State/District Safety Manager to determine if air monitoring is necessary
- Respirator worn for personal comfort
- Three requirements for voluntary use
 - Medical evaluation
 - Fit test
 - Program and training to ensure employee knows how to properly clean, store, and maintain the respirator



Voluntary Use of Dust Mask

[29 CFR 1910.134(c)(2)(ii)]

- Dust mask defined as a respirator
- Only one requirement for voluntary use
 - Minimal training consisting of Appendix D
 - Appendix D provides
 - Warnings that dust mask do not provide protection against organic vapors
 - Dust masks intended for one-time use
- Comfort masks are not dust masks and should not be worn

3M 8500

Comfort Mask

Masque «Confort»

Mascarilla de confort

▲ WARNING

This mask will not protect your lungs. Misuse may result in sickness or death. For proper use see your supervisor, this box, or call 3M at 1-800-243-4700. In Canada, call 1-519-452-6137.

▲ MISE EN GARDE

Ce masque ne protège pas les voies pulmonaires. Utilisé à d'autres fins, il peut provoquer des problèmes de santé ou la mort. Pour tout renseignement sur le port adéquat de ce masque, consultez son superviseur, lire l'étiquette de l'emballage ou téléphoner à 3M au 1-519-452-6137.

▲ ADVERTENCIA

Esta mascarilla no protegerá sus pulmones. El uso incorrecto puede ser causa de enfermedad o muerte. Para saber cómo usarla correctamente, consulte a su supervisor, lea las instrucciones de la caja o llame a 3M al 1-800-243-4700.

50 

3M 8210



Respirator N95 Particulate

Respirateur N95 contre les
particules

Respirador N95 para partículas

Respirador N95 para partículas

20 

contém 20 respiradores

PRODUIT APPROUVE
42CFR84
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SAFETY MASKING

+ EASTERN

5 EACH

Comfort Mask

0034 240



EASTERN

MADE IN USA

⚠ WARNING

This mask will not protect your lungs. Misuse may result in sickness or death. For proper use, see supervisor, box, or call 3M at 1-800-247-3941.

Pro-Pak

25

80D

Aluminum
Paper
Paper d

WARNING

This mask will not protect your lungs. Misuse may result in sickness or death. For proper use, see supervisor, box, or call 3M at 1-800-247-3941.



WARNING
This respirator helps protect against certain particles. Misuse may result in serious or death. For proper use, see the manufacturer's instructions. 1-800-237-3443



WARNING
This respirator helps protect against certain particles. Misuse may result in serious or death. For proper use, see the manufacturer's instructions. 1-800-237-3443

N95





NO

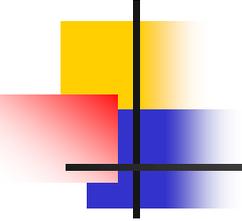
! WARNING

This mask will not protect your lungs. Misuse may result in sickness or death. For proper use, see supervisor, box, or call 3M at 1-800-247-3941.

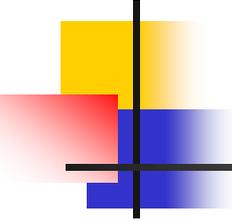
! WARNING

This respirator helps protect against certain particles. Misuse may result in sickness or death. For proper use, see supervisor or box or call 3M 1-800-247-3941. NIOSH

3M 8210



RESPIRATOR STORAGE AND PPE STORAGE



Respirator and PPE Storage

- Away from chemicals and in a dirt/dust free environment
- OSHA recommends not storing half-face respirators in a plastic bag
 - Sweat in respirator may cause mold or other growth
- Dust masks are intended for one-time use and should be thrown away after use



Nitrile Disposable Gloves
NOT FOR MEDICAL USE FOR PROFESSIONAL USE ONLY
SKU # P27022 X-LARGE
QTY : 10 BUCKS X 100 PCS

PPE ↓

DARK
CLEAR

ARC BURNS
FORM
PLUGS

DO NOT USE NEAR
ANY HEAT SOURCE

SMOKE MASKS

NOV 16 2005



nuisance
**DUST
MASKS**

NOV 16 2005



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4G/Y23/S/97
USA/M4216



POISON

6

KEEP OUT OF REACH OF CHILDREN
CAUTION:

PRINCIPAL FUNCTION:
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CONSTITUENTS INEFFECTIVE

In Case of Emergency:
Call CHEMTREC: (800) 424-9300

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2 - 2 1/2 GALLON PLASTIC BOTTLES



3M 8210
 contém 20 respiradores



Respirador N95 Particulate
 Respirateur N95 contre les
 particules
 Respirador N95 para partículas
 Respirador N95 para partículas

3M
8210

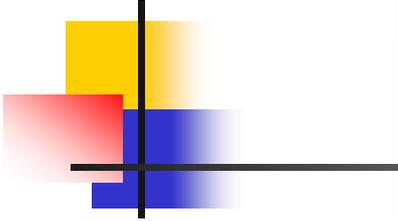
contém 20 respiradores
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 APPROVED PRODUCT

3M 8210



Respirador N95 Particulate
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contém 20 respiradores
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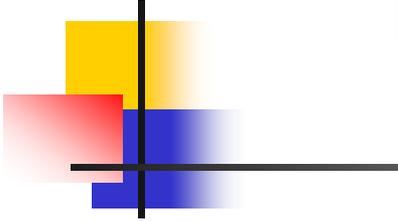




1-800-447-3333
Unlined GLOVES
Non-Slip Grip
Powder Free
Made in USA

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AWK
Powder Free

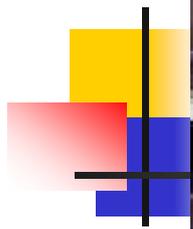




Respirator Storage Cabinet



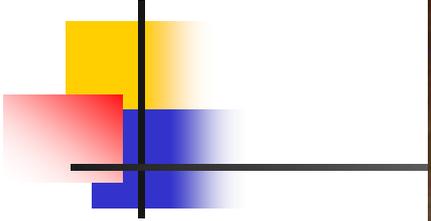
Avoid
Contamination.
Keep Respirators
Clean and Dry.



Inappropriate storage



OCT 11 2005





3M 7090



P100 Particulate Filter
for 3M™ 7000 Series Respirator Facepiece
Filtre P100 contre les particules
pour masque de respirateur
de série 7000 de 3M
Filtro P100 para partículas
para pieza facial respirador 3M™
de la Serie 7000
Cartucho para partículas
para pieza facial 3M™ de la Serie 7000



3M 7251



Organic Vapor Cartridge
for 3M™ 7000 Series Facepiece
Cartouche contre les vapeurs organiques
pour masque de série 7000 de 3M
Cartucho para vapores orgánicos
para pieza facial 3M™ de la Serie 7000
Cartucho para vapores orgánicos
para pieza facial 3M™ serie 7000

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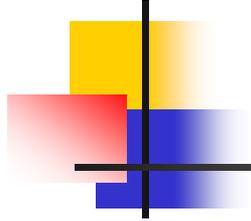
The Boston Globe

MONDAY, OCTOBER 29, 2018

2018 WORLD CHAMPIONS

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**Any
Questions?**