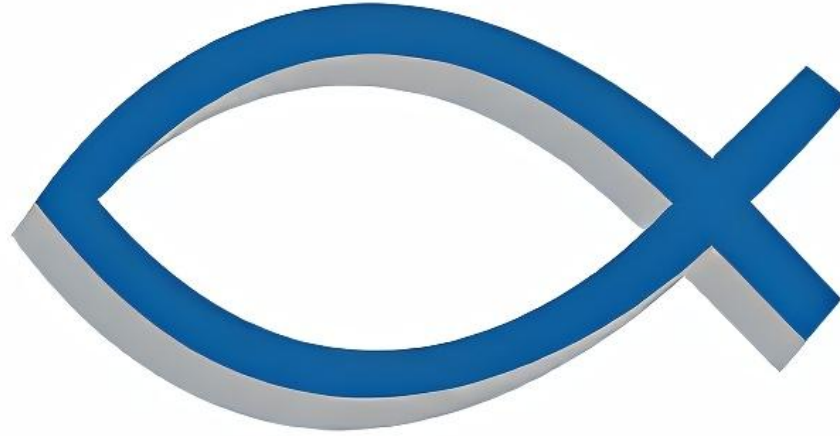




ONEWAY ROOFING

Roof Maintenance & Cleaning Division

321-345-9627

onewayrooffl.com

Licensed & Insured CCC1329311

Problems w/ Traditional Roof Cleaning

Traditional roof cleaning methods create more problems than they solve. As a state licenced roofer we understand the importance of cleaning your roof without causing damage.

- Pressure washing creates more porosity accelerating algae growth and subjects roof systems to pressures they were never designed to endure
- Chlorine bleaches asphalt materials causing them dry out (think of a new black road vs a few years after the sun bleaches it) also chlorine can negatively react with metals in roof flashings and vents.
- Typical soft wash systems use copper sulfate and glyphosate products which are both toxic to humans animals and leach into groundwater



GRV roof vent failure at roof line due to chemical cleaning.



Problems w/ Roof Cleaning - Pressure & Chlorine

Pictured replaced tile vs existing pressure washed tile. This increased porosity is clearly visible. This increased porosity accelerated algae growth. Aesthetically the difference is clear pressure washing makes it ugly.



Problems w/ Roof Cleaning - Pressure & Chlorine



Left: Stone coated metal roof, granules dislodged due to pressure or chlorine causing epoxy failure/

Right: Concrete tile roof damaged. Note cement in gutters



Problems w/ Roof Cleaning - Pressure & Chlorine

Chlorine rapidly bleaches and ages asphalt leading to roof component failure and premature replacement.

Picture right, valley flashing failure due to chemical roof cleaning.



Problems w/ Roof Cleaning - Pressure & Chlorine

Picture right, previous pressure washing patterns can be seen because pressure never full removes the root system but drives them deeper into the now more porous surface.



Problems w/ Roof Cleaning - Copper Sulfate

Many “softwash” competitors use Copper Sulfate which as a pesticide its highly toxic to animals, humans and is harmful to aquatic life. Copper Sulfate can also cause toxification of the groundwater.

**HOW-TO
DISPOSE**

 MENU 

[Home](#) » [How to Dispose of Copper Sulfate \(the safe way\)](#)

You Should Never:

- Pour copper sulfate down a drain, either indoors or outdoors. Doing so can cause severe damage to aquatic life.
- Do not empty the material onto the earth or soil. Doing so could cause the toxification of the groundwater below, harming aquatic and plant life.
- Submit full or partially full containers of the chemical to landfills or recycling centers. Always rinse them out by using application equipment or mixing tanks.

Section 2. Hazards Identification

2.1 Classification of the Substance or Mixture:
Acute Toxicity: Oral, Category 3
Skin Corrosion/Irritation, Category 2
Serious Eye Damage/Eye Irritation, Category 2A
Aquatic Toxicity (Acute), Category 1
Aquatic Toxicity (Chronic), Category 1

2.2 Label Elements:



GHS Signal Word: Danger

GHS Hazard Phrases:
H301: Toxic if swallowed.
H315: Causes skin irritation.
H319: Causes serious eye irritation.
H400: Very toxic to aquatic life.
H410: Very toxic to aquatic life with long lasting effects.

GHS Precaution Phrases:
P264: Wash (hands) thoroughly after handling.
P273: Avoid release to the environment.
P280: Wear (protective gloves/protective clothing/eye protection/face protection).

For More info:

<https://archive.epa.gov/pesticides/reregistration/web/html/index-73.html>

Problems w/ Roof Cleaning - Glyphosate Cleaners aka Roundup

Another “soft wash” alternative commonly used is a Glyphosate based product. Essentially spraying your roof and property with Roundup.

Home > Product Lawsuits > Roundup Lawsuit

Roundup Lawsuit

Authored by: Katy Moncivais, Ph.D., Medical Editor



Roundup has been linked to multiple lymphatic cancers.

Roundup and its key ingredient, glyphosate, have been linked to several types of cancer, including non-Hodgkin's lymphoma (NHL), b-cell lymphoma and leukemia. As a result, thousands of people have filed lawsuits claiming the popular weed killer caused them to develop cancer.

Glyphosate, the weed-killing active ingredient in

2.2 GHS label elements, including precautionary statements

Pictogram(s)



Signal word Danger
Hazard statement(s) H318 Causes serious eye damage
H411 Toxic to aquatic life with long lasting effects

Precautionary statement(s)
Prevention P280 Wear protective gloves/protective clothing/eye protection/face

For More info:

https://www.echemi.com/sds/glyphosate-pid_Seven6952.html



ONEWAY ROOFING

The Solution, ONEWAY ROOFING Roof Wash

- Plant based
- 100% Biodegradable
- Pet and Plant Safe
- Non-Corrosive & non-reactive
- Low Pressure Soft Wash
- Approved by many roof manufactures
- Applied by licensed roofer
- Guaranteed for 18 Months!!



Treated area vs untreated areas 12 months post application.



The Solution, ONEWAY ROOFING Roof Wash



Untreated section pre application. Same section pictured at right 12 months post application.

The Solution ONEWAY ROOFING Roof Wash



ONEWAY ROOFING

Before and after 7 weeks post application and still cleaning.

The Solution ONEWAY ROOFING Roof Wash



ONEWAY ROOFING

Before and after 15 months post application and still cleaning.

The Solution ONEWAY ROOFING Roof Wash



Before, during and after 12 months post application and still cleaning.

The Solution ONEWAY ROOFING Roof Wash



Before and after 18 months post application and still cleaning.



ONEWAY ROOFING

Them

Pressure & Chemical Wash

- Voids many manufacturer & installer warranties.
- Damages all types of roofing and flashings.
- Harsh to the environment toxic to pets plants and aquatic life.
- Temporary fix, algae begins growing the instant the treatment is complete.
- Shortens roof life 7-10 years on average.
- Must walk entire roof typically

OneWay

ONEWAY's Roof Wash

- Doesn't void warranties
- Safe for all types of roofing (manufacturer approved)
- Safe for pets, plants and biodegradable
- Preventative by killing algae roots and preventing growth
- Limited roof walking to apply.
- Used by companies like Disney, Sea World, Google as well as hospitals and stadiums.



Conclusion - There's only ONEWAY, The Right Way!

- We appreciate the opportunity to earn your business and be the professionals you trust with keeping your community clean, beautiful, and safe from harsh chemicals that damage your homes and the environment!
- When comparing bids, please consider that many cleaning companies simply do not have the knowledge base or proper training to safely maintain a roof.
- We also have programs for flat surfaces such as sidewalks, sound-walls, landscape pavers, driveway, curbs, etc
- Numbers provided in this presentation can be secured and locked in for the next six years.
- We would be happy to meet with the Board to discuss how we can help in more detail, and answer any questions you or your residents may have.

THANK YOU AGAIN for the opportunity to become your long term solution for a cleaner and safer community!

Questions or Comments?

Mike Poole (561) 951-7828

