



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

March 29, 2017

Glen P. Nilsen  
Senior Regulatory Specialist II, Biocides  
Ecolab Energy  
Nalco Champion  
11177 S. Stadium Drive  
Sugarland, TX 77478

**Subject:** Notification per PRN 98-10 – Updating Company Address and Adding Patent Link  
Product Name: Formaldehyde Solution 54  
EPA Registration Number: 90924-10  
Application Date: February 27, 2017  
Decision Number: 527137

Dear Mr. Nilsen:

The Agency is in receipt of your Application for Pesticide Notification under Pesticide Registration Notice (PRN) 98-10 for the above referenced product. The Antimicrobials Division (AD) has conducted a review of this request for its applicability under PRN 98-10 and finds that the action requested falls within the scope of PRN 98-10.

The label submitted with the application has been stamped "Notification" and will be placed in our records.

Should you wish to add/retain a reference to the company's website on your label, then please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product's label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA's Office of Enforcement and Compliance.

If you have any questions, you may contact Terria Northern at 703-347-0265 or via email at [northern.terria@epa.gov](mailto:northern.terria@epa.gov).

Sincerely,

A handwritten signature in black ink, appearing to read "J. Hebert", is written over a horizontal line.

for

John Hebert, Chief  
Regulatory Management Branch I  
Antimicrobials Division (7510P)  
Office of Pesticide Programs

## PRECAUTIONARY STATEMENTS

### DANGER

#### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

Corrosive. Causes irreversible eye damage. Causes skin burns. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. May be fatal if swallowed. May be fatal if absorbed through skin. Harmful if inhaled. Avoid breathing (dust, vapor or spray mist). Do not get in eyes, on skin, or on clothing. Wear a NIOSH/MSHA respirator approved for formaldehyde exposure, chemical resistant boots or shoe covers, chemical resistant gloves and goggles (if a full face respirator is not used) when handling. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove and wash contaminated clothing before reuse.

Formaldehyde is a primary skin sensitizing agent which may cause allergic contact dermatitis. Inhalation studies in test animals have produced an excess of tumors. Users should consider the possibility that overexposure to the active ingredient may pose a cancer risk. Formaldehyde is considered an occupational carcinogen by OSHA and users should be aware of the occupational exposure standard PEL (Permissible Exposure Limit) of 0.75 ppm.

#### ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish. **DO NOT** discharge effluent containing this active ingredient into lakes, streams, ponds, estuaries, oceans, or other waters unless in accordance with requirements of a National Pollutant Discharge Elimination System (NPDES) permit and permitting authority has been notified in writing prior to discharge. **DO NOT** discharge effluent containing this product into sewer systems without previously notifying local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of EPA.

#### PHYSICAL AND CHEMICAL HAZARDS

Do not use or store near heat or open flames.

**IN CASE OF FIRE:** Use CO<sub>2</sub>, or dry chemical for small fires, alcohol type aqueous film forming foam or water spray for large fires. Use water spray to cool fire exposed containers. Wear self-contained breathing apparatus and complete personal protective equipment when potential for exposure to vapors or products of combustion exists.

**IN CASE OF SPILL:** Clean up immediately. Place leaking containers in well ventilated area. Eliminate ignition sources. To clean up spills, flush area sparingly with water or use absorbent. Avoid run-off to storm sewers and ditches leading to natural waterways. Neutralize with ammonium hydroxide or sodium hydroxide. Do not allow access to treated areas by any person unless provided with a respirator approved by NIOSH/MSHA for formaldehyde exposure unless the formaldehyde vapor level has been determined to be below 0.75 ppm. Warning signs may be removed only after the vapor level drops below 0.75 ppm as determined by Dräger Multi Gas detector and a 0.5 - 10 ppm formaldehyde tube or (or equivalent system) in accordance with the manufacturer's instructions

**CHEMICAL EMERGENCY CALL CHEMTREC AT 1-800-424-9300.  
BEFORE USING CONSULT MATERIAL SAFETY DATA SHEET**

To request a Material Safety Data Sheet, please call 281-632-6500, or write: Nalco Champion, 11177 S. Stadium Drive, Sugar Land, TX 77478 Nalco Champion assumes no responsibility when this product is not used in accordance with instructions contained on this label.

# FORMALDEHYDE SOLUTION 54

Active Ingredient: .....54.0%  
Formaldehyde .....  
Other Ingredients: .....46.0%  
**TOTAL:.....100.0%**  
(Contains Methanol)

KEEP OUT OF REACH OF CHILDREN

## DANGER-PELIGRO



### POISON



**POTENTIAL CANCER HAZARD** based on animal data and limited epidemiological evidence. May cause allergic skin reaction, reproductive disorders, lung damage, liver damage, kidney damage, brain and nervous system damage.

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)

First Aid	
<b>If in eyes:</b>	- 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. - Call a poison control center or doctor for treatment advice.
<b>If on skin:</b>	- 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.
<b>if swallowed</b>	- Call a poison control center or doctor immediately for swallowed: treatment advice. - Have person sip a glass of water if able to swallow. - Do not induce vomiting unless told to by a poison control center or doctor. - Do not give anything to an unconscious person.
<b>If inhaled::</b>	- Move person to fresh air. - If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably 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 emergency information (on product, use, etc.), call the National Pesticides Information Center at 1-800-858-7378, 6:30 AM to 4:30 PM Pacific time (PT), seven days a week. During other times, call the poison control center 1-800-222-1222.	
Note to Physician: Probable mucosal damage may contraindicate the use of gastric lavage,	

**This product may be patented: [www.ecolab.com/patents](http://www.ecolab.com/patents)**

SEE LEFT SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

Net Weight (lbs) 485 Net contents (U.S. gals.) 55

**NALCO Champion**  
An Ecolab Company  
NALCO Champion  
11177 S Stadium Drive  
Sugar Land, TX 77478

EPA REG NO. 90924-10

## DIRECTIONS FOR USE

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

For use by manufacturers only in formulating microbiocides, fumigants, disinfectants, sanitizers and mildewcides. Formulators using this product are also responsible for providing data for the EPA registrations for their formulated products  
To be used by formulators as is or following dilution with water to obtain the required formaldehyde concentration.

## STORAGE AND DISPOSAL

**STORAGE:** Prohibitions: **Do not** contaminate water, food or feed by storage or disposal. Should be stored apart from other combustibles, acids or oxidizing agents. Storage facilities should be non-combustible.

- Keep lights, fire and sparks away from container.
- Keep closure up to prevent leaking.
- Make certain closure is securely closed before moving.
- Keep container closed.
- Loosen closure carefully.
- Keep out of sun and away from heat.
- Store in a cool place.
- Never use pressure to empty.
- Ground container before emptying.
- Always handle in upright position.
- Never roll a container.
- Never add other material to container.

**PESTICIDE DISPOSAL:** **Do not** contaminate water, food or feed by disposal. Open dumping is prohibited. Pesticide wastes are toxic. Improper disposal of excess pesticide spray mixture or rinsate is a violation of Federal law. If these wastes cannot be disposed of according to label instructions, contact your State Pesticide or Environmental Control Agency, or Hazard Waste representative at nearest EPA Regional Office for guidance.

**CONTAINER HANDLING:** (For metal containers) Nonrefillable container. Do not reuse or refill this container. Completely empty drum, Triple rinse container, (or Equivalent) promptly after emptying then, offer for recycling or reconditioning or puncture, and dispose of in a sanitary landfill or in accordance with Federal, State or Local regulations. (For plastic containers) Nonrefillable container. Do not reuse or refill this container. Triple rinse container (or Equivalent) promptly after emptying then offer for recycling or reconditioning or puncture and dispose of in a sanitary landfill or by other procedures approved by State and Local authorities, by burning. If burned, stay out of smoke.

**SPILL CLEAN UP REQUIREMENTS:** Should a spill occur, contaminated soil and other clean up debris is a hazardous waste. If a reportable quantity is exceeded, report spill/leak to the National Response Center (800-424-8802). Reportable quantity (RQ) for formaldehyde is 100 pounds.

## NOTIFICATION

90924-10

The applicant has certified that no changes, other than those reported to the Agency have been made to the labeling. The Agency acknowledges this notification by letter dated:

03/29/2017

**AGRICULTURAL WORKER SAFETY USE REQUIREMENTS (WPS)**

Use this product only in accordance with its labeling and the Worker Protection Standard, 40 CFR 170. This standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements in this labeling about personal protective equipment, restricted-entry intervals, and notification to workers. These requirements only apply to uses of this product that are covered by the WPS.

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. For any requirements specific to your State or Tribe, consult the Agency responsible for Pesticide Regulation.

**Entry Restrictions:** Follow the applicable entry restrictions listed elsewhere on the product labeling.

**Notification Instructions:** Follow the rules in the WPS for notifying workers of the application.

Exception: If there are instructions elsewhere on the product labeling that requires the posting of specific signs at treated areas, you must notify workers of the application by warning them orally AND by posting the signs specified on the labeling.

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

Air purifying full-face respirator with formaldehyde cartridges if in area being treated.

Coveralls over long-sleeved shirt & long pants.

Chemical resistant gloves such as barrier laminate or viton,

Chemical resistant footwear plus socks.

Protective eyewear, and chemical resistant headgear for overhead exposure.

Chemical resistant apron when cleaning equipment, mixing or loading.

**Early Entry PPE: PPE required for early entry to treated areas that is permitted under Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water is:**

Air purifying full-face respirator with formaldehyde cartridges.

Coveralls over long-sleeved shirt & long pants.

Chemical resistant gloves such as barrier laminate or viton.

Chemical resistant footwear plus socks.

Protective eyewear, and chemical resistant headgear for overhead exposure.

**Conflicting Instructions:** If the requirements of the WPS conflict with instructions listed elsewhere on this product label, users must obey the more protective requirements.