



U.S. ENVIRONMENTAL PROTECTION AGENCY
 Office of Pesticide Programs
 Antimicrobials Division (7510P)
 1200 Pennsylvania Ave., N.W.
 Washington, D.C. 20460

EPA Reg. Number:

92813-1

Date of Issuance:

6/4/19

NOTICE OF PESTICIDE:

Registration
 Reregistration
 (under FIFRA, as amended)

Term of Issuance:

Conditional

Name of Pesticide Product:

LIFU KF-9014

Name and Address of Registrant (include ZIP Code):

Julia Wang
 Alifu Incorporated
 5940 Pacific Mesa Court, Suite 205
 San Diego, CA 92121

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Antimicrobials Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is conditionally registered in accordance with FIFRA section 3(c)(7)(A). You must comply with the following conditions:

1. Submit and/or cite all data required for registration/reregistration/registration review of your product under FIFRA when the Agency requires all registrants of similar products to submit such data.

Signature of Approving Official:

Zeno Bain, Product Manager 33
 Regulatory Management Branch I
 Antimicrobials Division (7510P)
 Office of Pesticide Programs

Date:

6/4/19

2. You are required to comply with the data requirements described in the DCI identified below:
 - a. 5-Chloro-2-methyl-4-isothiazolin-3-one GDCI-107103-1709
 - b. 2-methyl-4-isothiazoline-3-one GDCI-107104-1479

You must comply with all of the data requirements within the established deadlines. If you have questions about the Generic DCI listed above, you may contact the Reevaluation Team Leader (Team 36): <http://www2.epa.gov/pesticide-contacts/contacts-office-pesticide-programs-antimicrobial-division>

3. The data requirements for storage stability and corrosion characteristics (Guidelines 830.6317) are not satisfied. A one year study is required to satisfy these data requirements. You have 18 months from the date of registration to provide these data.
4. Make the following label changes before you release the product for shipment:
 - Revise the EPA Registration Number to read, “EPA Reg. No. 92813-1.”
5. Submit one copy of the final printed label for the record before you release the product for shipment.

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 fail to satisfy these data requirements, EPA will consider appropriate regulatory action including, among other things, cancellation under FIFRA section 6(e). Your release for shipment of the product constitutes acceptance of these conditions. A stamped copy of the label is enclosed for your records. Please also note that the record for this product currently contains the following CSFs:

- Basic CSF dated 04/09/2019

If you have any questions, please contact Terria Northern by phone at 703-347-0265, or via email at northern.terria@epa.gov.

Enclosure

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS:

DANGER. POISON. Corrosive. Causes irreversible eye damage and skin burns. Fatal if absorbed through skin. May be fatal if swallowed or inhaled. Do not get in eyes, on skin, or on clothing. Do not breathe vapor or spray mist. Wear the proper Personal Protective Equipment as specified below. 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 use. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Applicators and other handlers must wear:

- Goggle or face shield,
- Coveralls over long-sleeved shirt and long pants,
- Socks and chemical resistant footwear,
- Chemical-resistant gloves (such as Barrier Laminate, Butyl nitrile/Neoprene Rubber, PVC, or Viton >14 mils)
- A minimum of a NIOSH-approved particulate filtering facepiece respirator with any N, R, or P filter; OR a NIOSH-approved elastometric particulate respirator with any N, R, or P filter; OR a NIOSH-approved powdered air purifying respirator with a HE filters.

User Safety Requirements

Discard clothing or other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

User Safety Recommendations

Users should remove clothing/PPE immediately if pesticide gets inside, then wash thoroughly and put on clean clothing. Users should remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

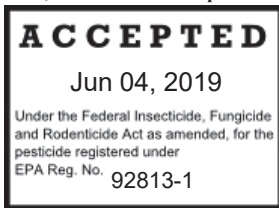
DIRECTIONS FOR USE

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

Industrial microbiocide for use in industrial metal working fluids, metal cleaning fluids, hydraulic fluids, dispersed pigments, adhesives and tackifiers, wood and wood products, paints and coatings, building materials, polymer latices, aqueous compositions, liquid industrial, janitorial products; semi-solid/solid industrial, janitorial products; oil field injection waters, paper slime control, recirculating water cooling towers, air washer systems, recirculating closed loop water cooling systems, brewery pasteurizer and can warmer systems, Ultra filtration units, industrial wastewater treatment systems and sewage systems and fuels. For more detailed use instructions, read and follow the directions for use on the product information sheet.

Note: Restricted to industrial use only, prohibited to institutional use, residential use. *Not approved for these uses in the State of California.

“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.)”



LIFU™ KF-9014

ACTIVE INGREDIENTS:

- 5-Chloro-2-methyl-4-isothiazolin-3-one(CMI): 10.60%
- 2-methyl-4-isothiazolin-3-one (MI):..... 3.50%

OTHER INGREDIENTS:..... 85.90%

TOTAL:..... 100.00%

LIFU™ KF-9014 microbiocide weighs 10.4 lb. per gallon.

KEEP OUT OF REACH OF CHILDREN(KOROC) DANGER / PELIGRO(POISON)



See Side panel for additional precautionary statements

FIRST AID

IF IN EYES: 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.

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 a 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.

IF INHALED: 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.

NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage.

Have the product container or label with you when calling a poison control center or doctor or going for treatment. For general information on product use, etc., call the National Pesticides Information Center at 1-800-858-7378. You may also contact the poison control center at 1-800-222-1222 for emergency medical treatment information.

EPA Reg. No. 92813-R

EPA EST. No. 92813

Manufacturer: Shaanxi HNSD High Science Technologies Co., Ltd.

Distributor: Alifu Inc

Tel: +1 858 9359110 or +1 858 7171532

Email: wf@ameriy.com

Address: 7220 Trade St, STE 122, San Diego, CA92121

Emergency Tel: +1 858 2166386

ENVIRONMENTAL HAZARDS

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

PHYSICAL AND CHEMICAL HAZARD

This product is corrosive to mild steel.

STORAGE AND DISPOSAL

PROHIBITIONS: This product (PH3.0) is corrosive to mild steel.

PESTICIDE STORAGE: Do not store or transport in unlined metal containers. Do not contaminate food or feed by storage, disposal or cleaning of equipment.

PESTICIDE DISPOSAL: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide or restate is a violation of Federal Law. If these wastes cannot be disposed by use according to label instruction, contact your State Pesticide or Environmental Control Agency or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

CONTAINER DISPOSAL: Plastic non-refillable contain. Triple these as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container 1/4 full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinse into application equipment or a mix tank or store rinaste for later use or disposal. Repeat this procedure two more times. Then other for recycling or reconditioning or puncture and dispose of in a sanitary landfill or by incinerator or, If allowed by state and local authorities, by burning. If burned stay out of smoke. Do not reuse this container to hold materials other than pesticides or dilute pesticides (rinaste).After emptying and cleaning, it maybe allowable to temporarily hold rinaste or other pesticide-related materials in the container. Contact you state regulatory agency to determine allowable practices in yours.

CONTAINER DISPOSAL: Non-refillable containers (>5 gallons in size). Do not reuse the container to hold materials other than pesticides or dilute pesticides (rinaste). After emptying and cleaning, it may be allowable to temporarily hold rinaste or other pesticide-related materials in the container. Contact your state regulatory agency to determine allowable practices in your state. Empty tote container may be returned to a tote collection agent. Residue removal- cleaning container before final disposal is the responsibility of the person disposing of container. To clean container before final disposal, fill container about 10 percent full with water; agitate container vigorously; discard rinaste according to pesticide disposal instructions: repeat this rinaste procedure two more times. Then offer recycling if available or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities. For additional container disposal information, contact product supplier.

*General: Consult Federal state or local disposal authorities for approved alternative procedures.

CONDITIONS OF SALE AND WARRANTY

Alifu warrants that the product conforms to its chemical description and is reasonably fit for the purpose stated on the label or operating instruction when used in accordance with label or operating instruction directions under normal conditions of use. ALIFU MAKES NO OTHER EXPRESS OR IMPLIED WARRANTIES EITHER OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE. Handling, storage and use of the product by Buyer or User are beyond the control of Alifu and Seller. Risks such as ineffectiveness or other unintended consequences resulting from, but not limited to, failure to follow label directions will be assumed by the Buyer or User. IN NO CASE WILL ALIFU OR SELLER BE HELD LIABLE FOR CONSEQUENTIAL, SPECIAL OR INDIRECT DAMAGES RESULTING FROM THE HANDLING, STORAGE OR USE OF THIS PRODUCT.

UN3265, Corrosive Liquid, acidity, organics, N.O.S.

[mixture containing 5-Chloro-2-methyl-4-isothiazolin-3-one, 2-methyl-4-isothiazolin-3-one and magnesium salts (CMIT/MIT=3:1) (w/w)] 8/PG-II

Batch:	Mfg Date:	Net Contents (pounds): (gallons):
--------	-----------	--------------------------------------

LIFU™ KF-9014

INFORMATION SHEET

LIFU™ KF-9014 INFORMATION SHEET MUST ACCOMPANY EACH SHIPMENT
OF LIFU™ KF-9014

DIRECTIONS FOR USE

LIFU™ KF-9014 Microbiocide should be used only in a manner consistent with its labeling.

<p>Metal Working Fluids: KF-9014 microbiocide is recommended for Soluble and emulsified type of aqueous metal working fluid solutions and emulsions. Dispensed into the use dilution of the metal working fluid using a metering pump and uniformly dispersed throughout the system. A higher dosage rate and/or increased frequency of treatment may be required depending upon the nature and severity of contamination, level of control required, filtration effectiveness, system design, etc.</p>	<p>For a noticeably fouled system: 7 to 16 FL OZ (0.6 to 1.3 LB) per 1000 GAL of emulsion (55 to 125ppm of product) Repeat until control is achieved.</p> <p>When control is evident: 3.5 FL OZ (0.3 LB) per 1000 GAL of emulsion every 4 weeks. (27 ppm KF-9014)</p>
<p>Metal Cleaning Fluids: KF-9014 microbiocide is recommended as a preservative for use in the manufacture and use of alkaline, acid and emulsion based metal cleaning fluids typically used in electroplating, phosphatizing, galvanizing and general metal cleaning operations. The preservative should be dispensed into the use dilution of the metal cleaning fluid using a metering pump and uniformly dispersed throughout the system. A higher dosage range and/or increased frequency of treatment may be required depending on the rate of dilution of the preservative with the make up fluid, the nature and severity of the contamination, level of control required, filtration effectiveness, system design, etc.</p> <p>Concentrates: For addition to a metal cleaning concentrate, add KF-9014 microbiocide at a level to ensure that the final use-dilution fluid will contain 56 to 225 ppm product.</p>	<p>For direct addition to a fouled system: 7.2 to 29 FL OZ (0.6 to 2.3 LB) per 1000 GAL of use-dilution metal cleaning fluid every 3-4 weeks to provide 56 to 225ppm product</p>

Label # 001-0 J003 – 20 -MAY-2019

EPA Reg. No. 92813-R

Manufacturer: Shaanxi HSND High Science Technologies Co., Ltd.

Distributor: Alifu Inc

Tel: +1 858 9359110 or +1 858 7171532

Email: wf@ameriy.com

Address: 7220 Trade St, STE 122, San Diego, CA92121

Emergency Tel: +1 858 2166386

LIFU™ KF-9014

INFORMATION SHEET

LIFU™ KF-9014 INFORMATION SHEET MUST ACCOMPANY EACH SHIPMENT
OF LIFU™ KF-9014

DIRECTIONS FOR USE

LIFU™ KF-9014 Microbiocide should be used only in a manner consistent with its labeling.

<p>Water-based Hydraulic Fluids</p> <p>KF-9014 microbiocide is recommended as a preservative for the use in the manufacture and use of high water-based hydraulic fluids and invert emulsion hydraulic fluids typically prepared by emulsifying 40% by volume water in 60% by volume of mineral oil using an oil soluble emulsifying agent.</p> <p>A higher dosage range and/or increased frequency of treatment may be required depending upon rate of dilution of the preservative with make-up fluid, the nature and severity of contamination, level of control required, filtration effectiveness, system design, etc.</p>	<p>For a noticeably fouled system:</p> <p>15 to 25 FLOZ (1.2 to 2.0 LB) per 1000 GAL of fluid (117 to 195 ppm KF-9014) every 8 weeks to be followed by subsequent maintenance dosage</p> <p>For non-fouled system maintenance:</p> <p>12 to 15 FL OZ (1.0 to 1.2 LB) per 1000 GAL of fluid every 8 weeks (94 to 117 ppm KF-9014)</p>
<p>Dispersed Pigments and *Colorants</p> <p>KF-9014 microbiocide is recommended for the control of bacteria and fungi in the manufacture and storage of dispersed pigments such as kaolin clay, montmorillonite clay, titanium dioxide, calcium carbonate, calcium sulfate, barium sulfate, magnesium silicate and kieselguhr used in paint and paper production coatings.</p> <p>Supplemental Dosing:</p> <p>Depending on the nature/severity of the contamination, if analysis indicates a loss of active ingredient(s) and further microbial control is necessary, product may be dosed with additional KF-9014 microbiocide at a level to ensure that the final use-dilution product will not exceed the maximum concentration indicated (225 ppm KF-9014).</p> <p>*Not approved for this use in the State of California.</p>	<p>0.006 - 0.0225%</p> <p>0.06 - 0.225 LB per 1000 LB fluid</p> <p>25 - 102 grams per 454 kg fluid (60 to 225 ppm KF-9014)</p>
<p>Adhesives and Tackifiers</p> <p>KF-9014 microbiocide is recommended as an in-container preservative for the control of bacteria and fungi in water soluble and water dispersed adhesive such as animal glues, vegetable glues, natural rubber latices, polyvinyl acetate, styrene-butadiene and acrylic latices.</p> <p>KF-9014 microbiocide is recommended as a preservative for tackifiers derived from rosin and hydrocarbon resins.</p> <p>A higher dosage rate providing up to 45 ppm active ingredients may be required for storage during extremely high temperatures and humidity.</p>	<p>0.006 - 0.022%</p> <p>0.06 - 0.22 LB per 1000 LB fluid</p> <p>25 - 102 grams per 454 kg fluid (60 to 220 ppm KF-9014)</p>

Label # 001-0 J003 - 20 -MAY-2019

EPA Reg. No. 92813-R

Manufacturer: Shaanxi HSND High Science Technologies Co., Ltd.

Distributor: Alifu Inc

Tel: +1 858 9359110 or +1 858 7171532

Email: wf@ameriy.com

Address: 7220 Trade St, STE 122, San Diego, CA92121

2 Emergency Tel: +1 858 2166386

LIFU™ KF-9014

INFORMATION SHEET

LIFU™ KF-9014 INFORMATION SHEET MUST ACCOMPANY EACH SHIPMENT
OF LIFU™ KF-9014

DIRECTIONS FOR USE

LIFU™ KF-9014 Microbiocide should be used only in a manner consistent with its labeling.

Wood and Wood Products	0.027 - 0.086 GAL (3.4 - 11 FL OZ) per 1000 GAL of solution
Protect wood and wood products such as landscape timbers, fences, posts, pilings, cross ties, decks and similar exterior structures, from mold and mildew. Treat pressure-treatment solution in the pressure treating process for mold and mildew control. KF-9014 may be used at higher concentrations so long as the end-use product/article contains a maximum concentration of 343 ppm KF-9014.	
*For the Control of Blue Stain, Mold and Decay of Freshly Cut Lumber and Logs:	1 GAL per 3500 GAL of water. (286 ppm KF-9014)
Treat lumber immediately after it is sawn. Freshly dipped or sprayed lumber must be protected from rain. Dip tanks and drip aprons must be roofed, paved and drained to prevent dilution and loss of stain solution. Antistatic treatment concentrations must be geared to achieve protection of the thickest or most valuable item being treated. The concentration of the ready-to-use antistatic solution must be adjusted to accommodate seasonal changes in the exposure and species being treated. Dip tanks and spray equipment and metering equipment must be properly maintained. Lumber and logs must be totally immersed or sprayed to ensure all surfaces are treated. Ensure good mixing prior to and during the treatment process. *Not approved for this use in the State of California	

Label # 001-0 J003 - 20 -MAY-2019

EPA Reg. No. 92813-R

Manufacturer: Shaanxi HSND High Science Technologies Co., Ltd.

Distributor: Alifu Inc

Tel: +1 858 9359110 or +1 858 7171532

Email: wf@ameriy.com

Address: 7220 Trade St, STE 122, San Diego, CA92121

Emergency Tel: +1 858 2166386

LIFU™ KF-9014

INFORMATION SHEET

LIFU™ KF-9014 INFORMATION SHEET MUST ACCOMPANY EACH SHIPMENT
OF LIFU™ KF-9014

DIRECTIONS FOR USE

LIFU™ KF-9014 Microbiocide should be used only in a manner consistent with its labeling.

Paints and Coatings	0.006 - 0.023%
KF-9014 microbiocide is recommended as an in -container Preservative for the control of bacteria and fungi in water-based coatings such as paper and wood coatings and paints used for architectural product finishes and special purpose coatings.	0.06 - 0.22 LB per 1000 LB fluid 25 - 102 grams per 454 kg fluid (60 to 220ppm KF-9014)
Disposable dose, uniformly dispersed into its configuration system. Higher than 45 ppm dose, can be stored at very high temperature and humidity.	
Specifically as a wood coating, KF-9014 is recommended for the protection of wood and wood products such as landscape timbers, fences, posts, pilings, cross ties, decks and similar exterior structures, from mold and mildew. As a pressure treatment for mold and mildew control for southern yellow pine, hemlock, ponderosa pine and other soft woods. The receptor must be thoroughly wetted and completely dry treatment. A single application will afford protection for 12 weeks.	12 weeks protective dose: 0.2 - 0.7 LB (3.4 - 11 FL OZ) per 1000 GAL preservative (27 - 86ppm of KF-9014)
----- Under extreme mildew conditions: KF-9014 may be used at higher concentrations so long as the end-use product/article contains a maximum concentration of 330 ppm KF-9014	1.4 - 2.7 LB (17. - 33 FL OZ) per 1000 GAL preservative (160 - 330 ppm of KF-9014)

Label # 001-0 J003 - 20 -MAY-2019

EPA Reg. No. 92813-R

Manufacturer: Shaanxi HSND High Science Technologies Co., Ltd.
Distributor: Alifu Inc
Tel: +1 858 9359110 or +1 858 7171532
Email: wf@ameriy.com
Address: 7220 Trade St, STE 122, San Diego, CA92121
Emergency Tel: +1 858 2166386

LIFU™KF-9014

INFORMATION SHEET

LIFU™ KF-9014 INFORMATION SHEET MUST ACCOMPANY EACH SHIPMENT
OF LIFU™ KF-9014

DIRECTIONS FOR USE

LIFU™ KF-9014 Microbiocide should be used only in a manner consistent with its labeling.

***Special Purpose Coating Uses:**

Use as a preservative for:

-Electrodeposition paints or solutions

-Photo/photoplating solutions or coatings

-Fount (or fountain) solutions used in the printing process as a maintenance fluid/coating and as a special coating for printing plates.

The application/addition directions for these special purpose coating uses are:

***Electrodeposition:**

KF-9014 microbiocide is recommended as a tankside additive for the control of bacteria, fungi, and algae in re-circulating electrodeposition systems and associated rinse systems. Alternately, KF-9014 microbiocide may be added through the components of the electrodeposition paint prior to their addition to the electrodeposition system.

***Tankside Addition to Electrodeposition Systems:**

KF-9014 microbiocide should be dispensed into the recirculating rinse system, ultrafilter permeate, or final distilled rinse system at a point to insure uniform mixing.

A change of frequency of treatment may be required depending on the rate of dilution of the preservative with the makeup fluid, the nature and severity of contamination, level of control required, filtration effectiveness, system design, etc.

*Not approved for this use in the State of California

For a noticeably fouled system:

71- 245 ppm (0.7- 2.5 GAL per 10,000 GAL of fluid).

Repeat until control is achieved.

When control is evident:

35 - 105 ppm (0.35 -1.09 GAL per 10,000 GAL of fluid) weekly or as needed.

*** Treatment of Electrodeposition Paint Components:**

Initial Dose of Paint Components:

KF-9014 microbiocide should be added to the resin, pigment, or other component of the electrodeposition paint at a level to ensure that the final use-dilution fluid will contain 35 to 245 ppm product.

*Not approved for this use in the State of California

For pollution system:

71-245 ppm(0.7- 2.50 GAL per 10,000 GAL of fluid).

Repeat until control is achieved.

***Supplemental Tanked Dosing of Electrodeposition System:**

If additional microbial control is necessary, KF-9014 microbiocide may be added to the electrodeposition system tankside to supplement the microbiocide incorporated through paint components.

*Not approved for this use in the State of California

When control is evident:

35 - 105 ppm (0.35 -1.09 GAL per 10,000 GAL of fluid) weekly or as needed.

NOTE: To ensure uniform mixing, add KF-9014 microbiocide to latex or solution slowly with agitation. The actual concentrations required will depend upon such factors as the specific substance to be treated, frequency of repeated microbial contamination expected and level of protection required.

Label # 001-0 J003 –20 -MAY-2019

EPA Reg. No. 92813-R

Manufacturer: Shaanxi HSND High Science Technologies Co., Ltd.

Distributor: Alifu Inc

Tel: +1 858 9359110 or +1 858 7171532

Email: wf@ameriy.com

Address: 7220 Trade St, STE 122, San Diego, CA92121

Emergency Tel: +1 858 2166386

LIFU™ KF-9014

INFORMATION SHEET

LIFU™ KF-9014 INFORMATION SHEET MUST ACCOMPANY EACH SHIPMENT
OF LIFU™ KF-9014

DIRECTIONS FOR USE

LIFU™ KF-9014 Microbiocide should be used only in a manner consistent with its labeling.

<p>*Photoplate Processing, Fountain Solutions, and Ink/Ink Components:</p> <p>KF-9014 microbiocide is recommended for the control of bacteria and fungi in photoplate processing such as stabilizer solutions and in fountain solutions. KF-9014 is recommended for water-based printing inks such as flexographic, gravure, screen and ink jet types.</p> <p>KF-9014 is recommended for the control of bacteria and fungi in printing ink components such as resins, plasticizers, water soluble dyes, pigments, gelling agents, waxes, surfactants, and thickeners.</p> <p>A level adjustment may be necessary to accommodate slight changes in solution formulations.</p> <p>Concentrates:</p> <p>KF-9014 should be added to concentrates at a level to ensure that the final use dilution of the product will contain 0.035% KF-9014.</p> <p>To ensure uniform mixing add KF-9014 microbiocide to the product slowly with agitation.</p> <p>*Not approved for this use in the State of California</p>	<p>0.01 – 0.035%</p> <p>0.1 - 0.35 LB per 1000 LB formulation (100 - 350 ppm KF-9014)</p>
<p>Building Materials:</p> <p>KF-9014 as an in-container preservative for the control of bacteria and fungi in building materials such as mastics, caulks, joint cements, concrete admixtures, spackling and grouting.</p>	<p>0.005 – 0.023%</p> <p>0.05 – 0.225LB per 1000 LB fluid (50 - 225 ppm KF-9014)</p>
<p>Latices, Polymer Emulsions or Solutions:</p> <p>KF-9014 microbiocide is recommended for the control of acrylics, styrene-butadiene, carboxylated styrene-butadiene, ethylene-vinyl acetate and biopolymers intended for industrial use such as xanthan gum, gum arabic, guar gum, protein derived polymers, starches and casein derived polymers.</p> <p>Concentrates:</p> <p>Add to the above products formulated as concentrates which are in turn diluted for use at a level to ensure that the final use-dilution product will not exceed the concentration indicated.</p> <p>Supplemental Dosing:</p> <p>Depending on the nature/severity of the pollution, If the analysis shows that the active ingredient is lost and further microbial control is required, additional KF-9014 microbial pesticides can be added to the product to a certain extent to ensure that the final diluted product will not exceed the maximum concentration shown. (225 ppm KF-9014).</p>	<p>0.006 – 0.045%</p> <p>0.06 – 0.45 LB per 1000 LB fluid 25 – 205 grams per 454 kg fluid (60 -450 ppm KF-9014)</p>

Label # 001-0 J003 – 20 -MAY-2019

EPA Reg. No. 92813-R

Manufacturer: Shaanxi HSND High Science Technologies Co., Ltd.

Distributor: Alifu Inc

Tel: +1 858 9359110 or +1 858 7171532

Email: wf@ameriy.com

Address: 7220 Trade St, STE 122, San Diego, CA92121

Emergency Tel: +1 858 2166386

LIFU™KF-9014

INFORMATION SHEET

LIFU™ KF-9014 INFORMATION SHEET MUST ACCOMPANY EACH SHIPMENT
OF LIFU™ KF-9014

DIRECTIONS FOR USE

LIFU™ KF-9014 Microbiocide should be used only in a manner consistent with its labeling.

<p>*Aqueous Compositions: microbiocide is recommended as an in-container preservative for the control of bacteria and fungi in aqueous products such as:</p> <ul style="list-style-type: none">*fiberglass sizing solutions*aqueous emulsions and dispersions including*stabilized oil/water emulsions*surface preparation compounds*foam control products*nutrient solutions*pesticide formulations. <p>*Not approved for this use in the State of California</p>	<p>0.005 - 0.035% 0.05 - 0.35 LB per 1000 LB aqueous product (50 to 350 ppm KF-9014)</p>
<p>Liquid Industrial, Janitorial Products: For the control of car care products, and other similar cleaners. KF-9014 may also be used for the control of bacteria and fungi inpackage utility products. KF-9014 may also be used from the control of bacteria and fungi in solutions that are then put into/onto wet wipes for use in industrial, commercial uses cited above. Concentrates: KF-9014 microbiocide may be added to those products formulated as concentrates which are in turn diluted for use at a level to ensure that the final use-dilution product will contain between 40 to 160 ppm KF-9014 microbiocide.</p>	<p>0.004 - 0.016% 0.04 - 0.16 LB per 1000 LB product</p>

Label # 001-0 J003 – 20 -MAY-2019

EPA Reg. No. 92813-R

Manufacturer: Shaanxi HSND High Science Technologies Co., Ltd.

Distributor: Alifu Inc

Tel: +1 858 9359110 or +1 858 7171532

Email: wf@ameriy.com

Address: 7220 Trade St, STE 122, San Diego, CA92121

Emergency Tel: +1 858 2166386

LIFU™ KF-9014

INFORMATION SHEET

LIFU™ KF-9014 INFORMATION SHEET MUST ACCOMPANY EACH SHIPMENT
OF LIFU™ KF-9014

DIRECTIONS FOR USE

LIFU™ KF-9014 Microbiocide should be used only in a manner consistent with its labeling.

<p>Semi-solid/Solid Industrial, Janitorial Products:</p> <p>For the control of car care products, and other similar cleaners. KF-9014 may also be used for the control of bacteria and fungi in package utility products. KF-9014 may also be used from the control of bacteria and fungi in solutions that are then put into/onto wet wipes for use in industrial, commercial uses cited above. Concentrates: KF-9014 may be added to those products formulated as concentrates which are in turn diluted for use at a level to ensure that the final use-dilution product will contain between 40 to 160 ppm KF-9014 microbiocide.</p>	<p>0.004 - 0.016% 0.04 - 0.16 LB per 1000 LB product</p>
<p>*Industrial Process Water</p> <p>Process wash waters: recommended for the control of bacteria and fungi in the storage of process wash water during the manufacture of adhesives and tackifiers; paints and coatings; photoplate processing, fountain solutions, and ink / ink components; building materials; latices, polymer emulsions or solutions; aqueous compositions; liquid household, consumer, industrial, janitorial products; semi-solid / solid household, consumer, industrial, janitorial products.</p> <p>*Not approved for this use in the State of California</p>	<p>0.005 - 0.035% 0.05 - 0.35 LB per 1000 LB wash water (50 to 350 ppm KF-9014)</p>

Label # 001-0 J003 – 20 -MAY-2019

EPA Reg. No. 92813-R

Manufacturer: Shaanxi HSND High Science Technologies Co., Ltd.

Distributor: Alifu Inc

Tel: +1 858 9359110 or +1 858 7171532

Email: wf@ameriy.com

Address: 7220 Trade St, STE 122, San Diego, CA92121

Emergency Tel: +1 858 2166386

LIFU™ KF-9014

INFORMATION SHEET

LIFU™ KF-9014 INFORMATION SHEET MUST ACCOMPANY EACH SHIPMENT
OF LIFU™ KF-9014

DIRECTIONS FOR USE

LIFU™ KF-9014 Microbiocide should be used only in a manner consistent with its labeling.

Oil Field Injection Water: To maintain control of slime-forming and sulfate reducing bacteria in oil and gas field water systems including enhanced recovery injection fluids and drilling fluids. An initial dose of 6.1 to 12.4 lb ACTICIDE® 14F per 1000 barrels of water (17.4 to 34.8 ppm KF-9014) may be used until control is achieved. This product may be used for terrestrial and offshore oil drilling muds and packer fluids.	2.5 - 6.1 LB (0.29 to 0.7 GAL) per 1000 barrels of water (7.1 to 17.5 ppm KF-9014)
*Papermills: For the control of bacterial and fungal slime in the production of paper. KF-9014 should be added to a point such as the Beater or Hydropulper to ensure uniform mixing. *Not approved for this use in the State of California	0.048 - 0.16 LB per ton (dry basis) of pulp or paper produced as slug dose.
Industrial Recirculating Water Cooling Tower: KF-9014 is recommended for the control of bacteria, algae and fungi. It should be added to the tower basin or some other point to ensure uniform mixing. For noticeably fouled systems use an initial dose of 0.13 to 0.79 lb ACTICIDE KF-9014 per 1000 gallons of water. Repeat if necessary to achieve control.	0.032 - 0.196 LB per 1000 GAL water (3.7 to 23 ppm KF-9014) weekly or as needed for maintenance
Industrial recirculating Closed Loop Water Cooling Systems And Process Water Systems To maintain control of bacteria, fungi and algae. Add to water in the reservoir, recirculating line or some other point to ensure uniform mixing. For noticeably fouled systems an initial treatment with 0.13 to 0.79 lb KF-9014 per 1000 gallons of water may be needed depending on the severity of the fouling.	0.032 - 0.196 LB per 1000 GAL water weekly (3.7 to 23 ppm KF-9014)
*Brewery Pasteurizers and Can Warmer Systems: To maintain control of bacteria, algae and fungi. For noticeably fouled systems an initial treatment with 0.13 to 0.79 lb KF-9014 per 1000 gallons of water may be needed depending on the severity of the fouling. NOTE: Regardless of the manner of incorporation, the total level should never exceed 248 ppm ACTICIDE® 14F or 2.5 gallons per 10,000 gallons of system fluid. *Not approved for this use in the State of California	0.032 - 0.196 LB per 1000 GAL water (3.7 to 23 ppm KF-9014) weekly or as needed for maintenance

Label # 001-0 J003 - 20-MAY-2019

EPA Reg. No. 92813-R

Manufacturer: Shaanxi HSND High Science Technologies Co., Ltd.

Distributor: Alifu Inc

Tel: +1 858 9359110 or +1 858 7171532

Email: wf@ameriy.com

Address: 7220 Trade St, STE 122, San Diego, CA92121

Emergency Tel: +1 858 2166386

LIFU™ KF-9014

INFORMATION SHEET

LIFU™ KF-9014 INFORMATION SHEET MUST ACCOMPANY EACH SHIPMENT
OF LIFU™ KF-9014

DIRECTIONS FOR USE

LIFU™ KF-9014 Microbiocide should be used only in a manner consistent with its labeling.

*Ultra-Filtration Units, Such As Reverse Osmosis Systems:

KF-9014 microbiocide is recommended for the control of bacteria and fungi in ultra filtration units, such as reverse osmosis systems. 1 – 35 ppm KF-9014

Add into industrial ultra filtration or reverse osmosis systems by either continuous feed or periodic injection. Compatibility of KF-9014 microbiocide with reverse osmosis membranes should be confirmed with membrane manufacturers.

For the control of bacteria and fungi in carbon beds. 1 – 35 ppm KF-9014

For periodic membrane cleaning.

Badly fouled systems should be cleaned before treatment is begun.

0.04 – 0.10 LB per 120 GAL of cleaning solution

*Not approved for this use in the State of California

*Industrial Wastewater Treatment and Sewage Systems

KF-9014 Microbiocide is recommended for the control of microbial biofilms, bacteria, fungi, and algae in industrial waste water treatment and sewage systems. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority.

Initial dose:

0.13 – 0.78 LB or 2 – 12 FL

When the system is noticeably fouled, apply KF-9014 as indicated.

OZ per 1000 GAL of water in the system

Repeat until control is achieved. Badly fouled systems should be cleaned before treatment is begun.

(15.5 to 93 ppm KF-9014)

Subsequent Dose:

0.03 – 0.2 LB or 0.45 – 3FL

When microbial control is evident, add ACTICIDE® 14F weekly or as needed to maintain control.

OZ per 1000 GAL of water in the system

*Not approved for this use in the State of California

(3.5 to 23 ppm KF-9014)

Label # 001-0 J003 – 20 -MAY-2019

EPA Reg. No. 92813-R

Manufacturer: Shaanxi HSND High Science Technologies Co., Ltd.

Distributor: Alifu Inc

Tel: +1 858 9359110 or +1 858 7171532

Email: wf@ameriy.com

Address: 7220 Trade St, STE 122, San Diego, CA92121

Emergency Tel: +1 858 2166386

LIFU™ KF-9014

INFORMATION SHEET

LIFU™ KF-9014 INFORMATION SHEET MUST ACCOMPANY EACH SHIPMENT
OF LIFU™ KF-9014

DIRECTIONS FOR USE

LIFU™ KF-9014 Microbiocide should be used only in a manner consistent with its labeling.

*Fuels and Oils

KF-9014 is recommended for the control of bacteria and fungi in the following liquid hydrocarbon fuels and oils: crude oils, aviation fuels, kerosene, heating oils, diesel fuels, residual fuel oils, coal slurries, liquefied petroleum gases and petrochemical feedstocks. KF-9014 is recommended for REFINERY AND TERMINAL USE ONLY. KF-9014 should be directly dispensed into a fuel tank, storage tank or a flowing stream of fuel in a manner to ensure uniform distribution of the preservative in the fuel system. Slug dose or continuous feed methods are recommended.

A shock dose of up to 42 gallons of KF-9014 per 1 million gallons of fluid is recommended in the case of extreme contamination. Grossly contaminated systems should be physically cleaned to remove debris.

For Use In Aviation Fuel, The Federal Aviation Administration Must Be Consulted As To The Acceptability Of The Additive For Use In Specific Engines And/Or Aircraft.

*Not approved for this use in the State of California

For a noticeably fouled system:

11 to 21 GAL per 1 million GAL of fluid.

(11 to 21 ppm KF-9014)

Repeat until control is achieved.)

Maintenance dose:

5 - 16 GAL per 1 million GAL of fluid

(5 to 16 ppm KF-9014)

Repeat every 4 - 6 weeks or when microbial contamination is detected.

Label # 001-0 J003 - 20 -MAY-2019

EPA Reg. No. 92813-R

Manufacturer: Shaanxi HSND High Science Technologies Co., Ltd.

Distributor: Alifu Inc

Tel: +1 858 9359110 or +1 858 7171532

Email: wf@ameriy.com

Address: 7220 Trade St, STE 122, San Diego, CA92121

Emergency Tel: +1 858 2166386