

**PRECAUTIONARY STATEMENTS  
HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

**DANGER**

**CORROSIVE**  
**CAUSES IRREVERSIBLE EYE DAMAGE AND SKIN BURNS**  
**HARMFUL IF SWALLOWED OR ABSORBED THROUGH THE SKIN**  
**HARMFUL IF INHALED**  
**CAUSES SKIN IRRITATION**

Do not get in eyes, on skin, or on clothing. Mixers, loaders, applicators, and other handlers exposed to this product must wear: long-sleeved shirt and long pants; socks and shoes; chemical-resistant gloves such as butyl-rubber or nitrile rubber; chemical splash goggles and face shield; and chemical resistant apron. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. 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. Wash contaminated clothing before reuse. Discard clothing or other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. As soon as possible, wash thoroughly and change into clean clothing. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry. This product may cause skin sensitization reactions in some people. Avoid breathing vapor or spray mist. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

**ENVIRONMENTAL HAZARDS:** This chemical 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. Do not contaminate water by cleaning of equipment or disposal of waste. Apply this pesticide only as specified on this label.

**STORAGE AND DISPOSAL**

Do not contaminate water, food or feed by storage, disposal or cleaning of equipment.  
**PESTICIDE STORAGE:** Always store pesticides in the original container. Do not apply this product in a way that will contact workers or other persons.

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

**CONTAINER DISPOSAL:** Nonrefillable container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: [for containers 5 gallons or less:] Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration. [for containers greater than 5 gallons:] Empty the remaining contents into application equipment or a mix tank. Fill the container 1/4 full with water. Recap 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 rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration.

**GENERAL:** CONSULT FEDERAL, STATE, OR LOCAL DISPOSAL AUTHORITIES FOR APPROVED ALTERNATIVE PROCEDURES.

# FQS® 1.5 Microbicide

## An Industrial Microbicide For Use As A Fuel System Preservative

**ACTIVE INGREDIENTS:**  
 5-Chloro-2-methyl-4-isothiazol-3-one..... 1.03%  
 2-Methyl-4-isothiazol-3-one..... 0.36%  
**INERT INGREDIENTS.....**98.61%  
**TOTAL.....**100.00%



**KEEP OUT OF REACH OF CHILDREN**

**DANGER**  
**FIRST AID**

**IF ON SKIN:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 min. Call a poison control center or doctor for treatment advice.

**IF IN EYES:** Hold eye open and rinse slowly and gently with water for 15-20 min. Remove contact lenses, if present, after first 5 min. then continue rinsing. Call a poison control center or doctor for treatment advice.

**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.

**IF SWALLOWED:** Call a poison control center or doctor immediately for 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.

**IN CASE OF EMERGENCY:** Have the product container or label with you when calling a poison control center, doctor, or going for treatment. For emergency information concerning this product, call the National Pesticides Information Center (NPIC) 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 PHYSICIANS:** Probable mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock, respiratory depression and convulsions may be necessary.  
**SEE SIDE PANELS FOR ADDITIONAL PRECAUTIONARY STATEMENTS.**

**IN CASE OF SPILL EMERGENCY CALL CHEMTREC** EPA Reg. No. 65597-1  
**1-800-424-9300/INTERNATIONAL 1-703-527-3887** EPA Est. No. 065597-GA-001  
 Made in USA July 2012

**Manufactured For:**  
**Fuel Quality Services, Inc.**  
**4584 Cantrell Road, P.O. Box 1380**  
**Flowery Branch, GA 30542**  
**1-800-827-9790 1-770-967-9790**



<b>HEALTH</b>	3
<b>FLAMMABILITY</b>	2
<b>REACTIVITY</b>	0
<b>PROTECTIVE EQUIPMENT</b>	C

**NET CONTENT:**

1 Pint / 0.47 liters	_____
1 Quart / 0.946 liters	_____
1 Gallon / 3.785 liters	_____
5 Gallons / 18.927 liters	_____
30 Gallons / 105.5 liters	_____
55 Gallons / 208.198 liters	_____
250 Gal Tote / 946.353 liters	_____

FQS 1.5 Microbicide weighs 8.8 pounds/gallon.

Lot Number: 5340912HK  
 Date of Manufacture: 08/03/2012



**LICENSED**

PERIOD **2015-2017** LIC. NO.

**8704.2**



**LICENSED**

PERIOD **2012-2014** LIC. NO.

**IMPORTANT: READ BEFORE USE**

Read the entire Directions for Use, Conditions of Warranties and Limitations of Liability before using this product. If terms are not acceptable do not open container, contact Fuel Quality Services, Inc. at once. By using this product, user or buyer accepts the following Conditions, Disclaimer of Warranties and Limitations of Liability.

**CONDITIONS:** The Directions for Use of this product are believed to be adequate and must be followed carefully. However, it is impossible to eliminate all risks associated with the use of this product. All such risks shall be assumed by the user or buyer.

**DISCLAIMER OF WARRANTIES:** To the extent consistent with applicable law, Fuel Quality Services, Inc., the manufacturer, or the seller makes no other warranties, express or implied, of merchantability or of fitness for a particular purpose or otherwise, that extend beyond the statements made on this label. To the extent consistent with applicable law, Fuel Quality Services, Inc., the manufacturer, or the seller shall not be liable for consequential, special, or indirect damages resulting from the use, handling, application, storage, or disposal of this product or for damages in the nature of penalties, and the buyer and the user waive any right that they may have to such damages.

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

**FUEL PRESERVATIVE:** FQS 1.5 Microbicide is recommended for the control of bacteria and fungi in fuel systems that use or store liquid hydrocarbon fuels and oils, for example crude oils, petrochemical feedstocks, liquefied petroleum gases, gasoline, kerosene, diesel fuel oils, fuel oils; residual fuel oils, coal slurries, renewable fuel blend stock and renewable fuel blends.

**METHOD OF ADDITION:** FQS 1.5 Microbicide should be directly dispensed into a fuel tank, storage tank, or 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.

**DOSE RATE:** When microbial contamination is detected, add FQS 1.5 Microbicide in order to achieve and maintain a final system concentration of 100-400 parts million (v/v) volume to volume. For example, this can be accomplished by adding:

Quantity	Units	Per Amount of Fluid
1-4	ounces	10,000 ounces (78.13 gals)
1-4	pints	10,000 pints (1250 gals)
1-4	quarts	10,000 quarts (2500 gals)
1-4	1/2 gallons	5,000 gallons
1-4	gallons	10,000 gallons
1-4	five (5) gallon pails	50,000 gallons
1-4	thirty (30) gallon drums	300,000 gallons
1-4	fifty five (55) gallon drums	550,000 gallons
1-4	IBC container (287.4 gals per container)	2,874,000 gallons

Repeat as necessary.