

86130-2

4/21/2010

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U.S. ENVIRONMENTAL PROTECTION AGENCY

Office of Pesticide Programs
Antimicrobials Division (7510C)
1200 Pennsylvania Avenue NW
Washington, D.C. 20460

EPA Reg. Number: 86130-2

Date of Issuance: APR 21 2010

Term of Issuance: Conditional

Name of Pesticide Product: FlowChem FCAF-001

NOTICE OF PESTICIDE:
[X] Registration
Reregistration
(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

Flowchem Technologies
289 Cutlass Lp
Rayne, LA 70578

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration 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/reregistered 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 sec 3(c)(7)(A) provided that you:

- 1. Submit and/or cite all data required for registration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for re-registration of your product under FIFRA section 4.
2. Make the labeling changes listed below before you release the product for shipment:
a. Revise the "EPA Registration Number to read, "EPA Reg. No. 86130-2".

Signature of Approving Official:

Marshall Swindell
Product Manager Team-33
Regulatory Management Branch I
Antimicrobials Division (7510P)

[Handwritten signature of Marshall Swindell]

Date:

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3. Submit two (2) copies of your final printed labeling before distributing or selling the product bearing the revised labeling.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 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.

If you have any questions concerning this Notice of Registration, please contact Martha Terry at (703) 308-6217.

Sincerely,



Marshall Swindell
Product Manager 33
Regulatory Management Branch I
Antimicrobials Division (7510P)

Enclosure: (Stamped Label)

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER
KEEP OUT OF REACH OF CHILDREN
Engineering Controls:

When handlers use closed metering systems the handler requirements may be reduced or modified to long-sleeve shirt, long pants, shoes and socks.

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER. CORROSIVE: Causes irreversible eye damage. May be fatal if inhaled or swallowed. Causes skin irritation. Do not get in eyes, on skin or on clothing. Do not breathe dust. When loading or handling wear protective eyewear (goggles or face shield), long-sleeved shirt and long pants, socks, shoes, chemically resistant gloves and a NIOSH approved respirator. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum or tobacco, or using toilet. Remove and wash contaminated clothing separated from other before reuse.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish. 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.

STORAGE AND HANDLING

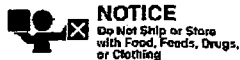
Flowchem FCAF-001 is incompatible with many commonly used materials of construction such as steel, galvanized iron, aluminum, tin, and zinc. Flowchem FCAF-001 can be stored and handled in baked phenolic-lined steel, polyethylene, stainless steel, or reinforced epoxy-plastic equipment. This product freezes at about 20.3°F (-6.5°C). Therefore, unless the storage tank is inside or underground, heating and insulation may be required. If heating is needed, exposure to high temperatures should be avoided. For short storage times (up to about 1 month), temperatures of up to 100°F (37.8°C) can be tolerated but the preferred maximum storage temperature is about 80°F (26.7°C). A stainless steel centrifugal pump is suggested for transfer service. Spiral-wound stainless steel with TEFLON® Polymer is suitable for gaskets and packing.

Handle in a well-ventilated area. If vapors are irritating to the nose or eyes, special ventilation or respiratory protection (MSHA/NIOSH approved air purifying respirator equipped with an organic vapor cartridge) may be required.

LIMITED WARRANTY AND DISCLAIMER

Seller warrants that the product conforms to its chemical description as contained on this label and is reasonably fit for the purposes stated on this label when used in accordance with directions under normal conditions of use. THE WARRANTIES MADE IN THIS PARAGRAPH ARE SELLER'S SOLE WARRANTIES WITH RESPECT TO THE PRODUCT AND ARE MADE EXPRESSLY IN LIEU OF AND EXCLUDE ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE AND ALL OTHER EXPRESS OR IMPLIED REPRESENTATIONS AND WARRANTIES.

BEFORE HANDLING OR USING THIS PRODUCT SEE YOUR EMPLOYER AND READ THE CURRENT FLOWCHEM COMPANY MATERIAL SAFETY DATA SHEET.



NOTICE
Do Not Ship or Store
with Food, Feeds, Drugs,
or Clothing

FLOWCHEM FCAF-001

A highly effective Microbiocide for use in controlling Bacteria including Slime Forming Bacteria and Sulfate-Reducing Bacteria, Fungi (Yeast and Molds) and Algae in Air Washers and Industrial Scrubbing Systems, Recirculating Cooling and Process Water Systems, Service Water and Auxiliary Systems, Heat Transfer Systems, and Industrial Wastewater Systems.

ACTIVE INGREDIENT: Tetrakis(hydroxymethyl) phosphonium sulfate.....20%
INERT INGREDIENTS.....80%
100.0%

FIRST AID

- If swallowed:
• Call a poison control center or a doctor immediately for treatment advice.
• DO NOT INDUCE VOMITING.
• Do not give anything to drink.
- If in eyes:
• Wash immediately and continuously with flowing water for at least 30 minutes.
• Remove contact lenses after the first 5 minutes and continue washing. Obtain prompt medical consultation, preferably from an ophthalmologist.
• Call a poison control center or a doctor immediately 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 a doctor for treatment advice.
- If inhaled:
• Move person to fresh air.
• If person is not breathing, call 911 or an ambulance, and then give artificial respiration, preferably mouth-to-mouth if possible.
• Call a poison control center or a doctor for further treatment advice.
- NOTE TO PHYSICIAN:
Aspiration may cause lung damage. Probable mucosal damage may contraindicate the use of gastric lavage. Have the MSDS and, if available, the product container or label with you when calling a poison control center or a doctor, or going for treatment.
- SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS.

EPA Reg. No.

EPA Establishment numbers may include the following. (Letters in **()** that match the prefix in batch number identify the establishment number.)
EPA Facility Registration No. 86130-LA-001

Sold By:
Flowchem Technologies Made in USA
289 Cutlass Lp
Rayne, LA 70578

NET CONTENTS SHOWN ELSEWHERE ON CONTAINER
IN CASE OF AN EMERGENCY endangering life or property involving this product, call
(800) 424-9300.



ACCEPTED
with COMMENTS
EPA Letter Dated:

APR 21 2010

Under the Federal Insecticide,
Fungicide, and Rodenticide Act as
amended, for the pesticide,
registered under EPA Reg. No. 86130-02

DIRECTIONS FOR USE

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

OIL FIELD OPERATIONS

Flowchem FCAF-001 is effective in controlling sulfate reducing bacteria, general aerobic bacteria, including microorganisms that contribute to biofilm formation in oil field recovery, processing and distribution applications and supporting systems: such as injection water, water holding tanks, disposal well water, recirculating water handling systems, and pipelines. Flowchem FCAF-001 has been shown to dissolve iron sulfide and sequester iron under these conditions, leading to improved filter life and well injectivity and reduction of hydrocarbon sheen. Flowchem FCAF-001 is also effective for use in controlling microbial growth in fluids used for drilling and stimulation of oil wells.

WATER FLOODS

Flowchem FCAF-001 should be added to water flood system at a point where uniform rising will occur.

INTERMITTENT (SLUG DOSE) METHOD

Initial Dose: When the system is noticeably fouled, apply 200-750 ppm of Flowchem FCAF-001. Repeat until control is achieved.

Subsequent Dose: When microbial control is evident, add 30-210 ppm of Flowchem FCAF-001 weekly or as needed to maintain control. When added to a flowing system, slug dose for 2-6 hours based on flow rates.

CONTINUOUS FEED METHOD

Initial Dose: When the system is noticeably fouled, apply 200-750 ppm of Flowchem FCAF-001.

Subsequent Dose: Maintain this treatment level by starting a continuous feed of 30 - 200 ppm of Flowchem FCAF-001. Badly fouled systems must be cleaned before treatment is begun.

OIL AND GAS PIPELINES

Flowchem FCAF-001 should be added at a point in the pipeline where uniform mixing will occur.

INTERMITTENT (SLUG DOSE) METHOD: Follow instructions for water flood treatment.

CONTINUOUS FEED METHOD

Initial Dose: When the system is noticeably fouled, apply 200-750 ppm of Flowchem FCAF-001.

Subsequent Dose: Maintain this treatment level by starting a continuous feed of 30 - 215 ppm of Flowchem FCAF-001.

DRILLING MUDS, PACKER FLUIDS, COMPLETION & WORKOVER FLUIDS

Flowchem FCAF-001 should be added to these fluids at a point where uniform mixing will occur. Add 70 - 30,000 ppm of Flowchem FCAF-001 to a freshly prepared fluid depending on severity of contamination.

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal. Open dumping is prohibited.

STORAGE: To maintain product quality, store at temperatures below 60°C. Keep container tightly closed when not in use.

PESTICIDE DISPOSAL: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, 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.

METAL CONTAINER DISPOSAL: Do not reuse container. Triple rinse (or equivalent). Puncture and dispose of in a sanitary landfill, or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

PLASTIC CONTAINER DISPOSAL: Do not reuse empty container. Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedure approved by state and local authorities.

CONTAINER DISPOSAL FOR REFILLABLE CONTAINERS: Replace the dry disconnect cap, if applicable, and seal all openings which have been opened during use. Return the empty container to a collection site designated by Flowchem Technologies. If the container has been damaged and cannot be returned according to the recommended procedures contact the Flowchem Technologies Customer Service at (337) 873-0171

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