



United States
Environmental Protection Agency
Washington, DC 20460

☐ Registration
☐ Amendment
☒ Other

OPP Identifier Number

225623

Application for Pesticide - Section I

1. Company/Product Number 10445-68	2. EPA Product Manager Johnson	3. Proposed Classification <input type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Tekamer 38 O.F.	PM# 32	
5. Name and Address of Applicant (Include ZIP Code) Calgon Corporation P.O. Box 1346 Pittsburgh, PA 15230 <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ Product Name _____	

Section - II

<input type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.
<input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.

Explanation: Use additional page(s) if necessary. (For section I and Section II.)

1. Update Environmental Hazards statement according to PR Notice 93-10.
2. Delete reference to Merck & Co.
3. Delete patent numbers.

Section - III

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child Resistant Packaging <input type="checkbox"/> Yes* <input type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No		<input type="checkbox"/> Metal	
				<input type="checkbox"/> Plastic	
				<input type="checkbox"/> Glass	
				<input type="checkbox"/> Paper	
				<input type="checkbox"/> Other (Specify) _____	
* Certification must be submitted		If "Yes" Unit Packaging wgt.	No. per container	If "Yes" Package wgt	No. per container
3. Location of Net Contents Information <input type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container		5. Location of Label Directions <input type="checkbox"/> On Label <input type="checkbox"/> On Labeling accompanying product	
6. Manner in Which Label is Affixed to Product <input type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled				<input type="checkbox"/> Other _____	

Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)		
Name Stanley C. Oslosky	Title Manager, Product Regulations	Telephone No. (Include Area Code) 412-777-8802
Certification I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.		6. Date Application Received (Stamped)
2. Signature 	3. Title Manager, Product Regulations	
4. Typed Name Stanley C. Oslosky	5. Date 10/6/95	

TEKTAMER^R 38 O.F.

TEKTAMER 38 O.F. is a water treatment microbiocide for oilfield subsurface water injection systems and well drilling fluids. The chemical name of TEKTAMER 38 O.F. is 1, 2-dibromo-2,4-dicyanobutane*.

TYPICAL PROPERTIES

Active ingredient98% minimum
AppearanceOff-white to light tan powder
Bulk density (lb/ft³) Approximately 48
Melting point Milding pungent
Water solubility @ 20⁰C1700 ppm

DIRECTION FOR USE

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

For Injection Systems

To control sulfate-reducing bacteria in oilfield water injection systems and water transmission and gathering systems, use TEKTAMER 38 O.F. as directed. Best results are obtained when slug fed. Frequency of addition of a microbiocide depends on many factors. Follow this procedure to optimize your use of TEKTAMER 38 O.F.

Add TEKTAMER 38 O.F. as close to the water source as possible with a Calgon (or equivalent) metering pump at a point in the system prior to free-water knockouts, storage tanks or filters for maximum system residence time.

Slug feed 100 to 500 ppm TEKTAMER 38 O.F. (35 to 174 pounds TEKTAMER 38 O.F. per 1,000 barrels of water to be treated). Slug additions should be for a minimum of four hours each day, more frequently if needed to obtain desired results.

For Drilling Fluids

Add 250 to 500 ppm TEKAMER 38 O.F. (8.7 to 17.4 pounds or 5.2 to 10.3 mud cups per 100 barrels of drilling fluid) directly to the mud or the drilling fluid for start-up treatment.

Add TEKAMER 38. O.F. to the chemical barrel and add treatment over one circulation period.

Maintain TEKAMER 38 O.F. residual during drilling operation by adding 300 to 600 ppm TEKAMER 38 O.F. (10.5 to 21 pounds or 6.25 to 12.5 mud cups per 100 barrels of new fluid) to new make-up fluid each tour.

Add TEKAMER 38 O.F. maintenance treatment to the chemical barrel once each hour whenever new make-up fluid is added.

COMPATIBILITY

TEKAMER 38 O.F. is compatible with typical ingredients in end-use applications. However, it should be added separately from amine-containing and strong nucleophilic agents if these ingredients are used in the same application. Mixing TEKAMER 38 O.F. with these agents may cause reaction between the ingredients which can de-activate TEKAMER 38 O.F.

TEKAMER 38 O.F. is most active over a pH range of 7-9.5.. In some formulations, product has shown efficacy in higher pH formulations. If the formulation will have a final pH greater than 9.5, laboratory testing is recommended.

CORROSION PROPERTIES

TEKAMER 38 O.F. is compatible with materials such as PVC, polyethylene, polypropylene, Tygon, Teflon and glass. The product is corrosive to carbon steel.

PACKAGING

TEKAMER 38 O.F. is available in 22 pound net and 110 pound net fiber drums.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER: CORROSIVE

Causes eye damage and skin irritation. Harmful or fatal if swallowed. Do not get in eyes, on skin, or on clothing. Wear goggles or face shield and rubber gloves when handling. Wash thoroughly after handling.

STATEMENTS OF PRACTICAL TREATMENT

- EYES:** In case of contact, flush eyes immediately with water for at least 15 minutes and get medical attention.
- SKIN:** In case of contact, wash with soap and water. If irritation persists, call a physician. Wash contaminated clothing before reuse.
- INTERNAL:** If swallowed, induce vomiting by administering ipecac syrup or by sticking finger down throat. Repeat until vomit is clear. Call a physician. Never give anything by mouth to an unconscious person.

ENVIRONMENTAL HAZARDS

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 DISPOSAL

Drums of TEKMER 38 O.F. should be stored out of direct sunlight to maintain the product below its melting point. If product is exposed to sustained temperatures above 50°C, caking will occur with associated handling problems. Product efficacy will not be affected. However, dissolution time will increase.

Container should be kept tightly closed.

Completely empty drum liner by shaking and tapping sides and bottom to loosen clinging particles. Empty residue into application equipment. Then dispose of liner in a sanitary landfill or by incineration if allowed by State and local authorities. If drum is contaminated and cannot be reused, dispose of in the same manner. Do not contaminate water, food or feed by storage or disposal. Waste resulting from the use of this product may be disposed on site or at an approved waste disposal facility.

NOTICE

Seller makes no warranty, expressed or implied, concerning the use of this product other than indicated on the label. Buyer assumes all risk of use and/or handling of this material when such use and/or handling is contrary to label instruction.

Information concerning human and environmental exposure may be reviewed on the Material Safety Data Sheet and label for this product.

For additional information regarding incidents involving human and environmental exposure, call (412) 494-8000 and ask for the Health and Environmental Affairs Department.



TEKTAMER® 3

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS
AND DOMESTIC ANIMALS

DANGER - CORROSIVE

CAUSES EYE DAMAGE AND SKIN IRRITATION.
HARMFUL OR FATAL IF SWALLOWED.

DO NOT GET IN EYES, ON SKIN, OR ON CLOTHING.
WEAR GOGGLES OR FACE SHIELD AND RUBBER GLOVES WHEN HANDLING.
WASH THOROUGHLY AFTER HANDLING.
WASH THOROUGHLY WITH SOAP AND WATER AFTER HANDLING.
REMOVE CONTAMINATED CLOTHING AND WASH BEFORE REUSE.

FIRST AID:

EYE: IN CASE OF CONTACT, FLUSH EYES IMMEDIATELY WITH WATER
FOR AT LEAST 15 MINUTES AND GET MEDICAL ATTENTION.

SKIN: IN CASE OF CONTACT, WASH WITH SOAP AND WATER. IF
IRRITATION PERSISTS, CALL A PHYSICIAN. WASH CONTAMINATED
CLOTHING BEFORE REUSE.

INTERNAL - IF SWALLOWED, INDUCE VOMITING BY ADMINISTERING
IPECAC SYRUP OR BY STICKING FINGER DOWN THROAT.

REPEAT UNTIL VOMIT IS CLEAR. NEVER GIVE ANYTHING BY
MOUTH TO AN UNCONSCIOUS PERSON. CALL A PHYSICIAN.

NOTICE:

SELLER MAKES NO WARRANTY, EXPRESSED OR IMPLIED, CONCERNING
THE USE OF THIS PRODUCT OTHER THAN INDICATED ON THE LABEL.
BUYER ASSUMES ALL RISK OF USE AND/OR HANDLING OF THIS MATERIAL
WHEN SUCH USE AND/OR HANDLING IS CONTRARY TO LABEL INSTRUCTION.

WATER TREATMENT MICROBIOCIDES FOR OIL
SUBSURFACE WATER INJECTION SYSTEMS
AND WELL DRILLING FLUIDS

ACTIVE INGREDIENT:

1,2-DIBROMO-2,4-DICYANOBUTANE
INERT INGREDIENTS

KEEP OUT OF REACH
OF CHILDREN

DANGER

EPA REGISTRATION NO. 10445-68

EPA Establishment No.

NET WT. 110 LB. (50 K

CALGON CORPORATION
CALGON CENTER • PITTSBURGH

6039-TK/09-95

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TEKTAMER® 38 O.F.

00-6039-TK

PRODUCT CODE

WATER TREATMENT MICROBIOCIDES FOR OILFIELD
SUBSURFACE WATER INJECTION SYSTEMS
AND WELL DRILLING FLUIDS

ACTIVE INGREDIENT:

1,2-DIBROMO-2,4-DICYANOBUTANE 98%
INERT INGREDIENTS 2%

**KEEP OUT OF REACH
OF CHILDREN
DANGER**

EPA REGISTRATION NO. 10445-68
EPA Establishment No.

NET WT. 110 LB. (50 KG.)

CALGON CORPORATION
CALGON CENTER • PITTSBURGH, PA 15203

MADE IN U.S.A.

DIRECTIONS FOR USE:

IT IS A VIOLATION OF FEDERAL LAW TO USE
THIS PRODUCT IN A MANNER INCONSISTENT
WITH ITS LABELING.

CONSULT PRODUCT BULLETIN FOR USE DIRECTIONS.

ENVIRONMENTAL HAZARDS:

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 DISPOSAL

KEEP CONTAINER CLOSED WHEN NOT IN USE.
DO NOT REUSE EMPTY CONTAINER. RESEAL AND
OFFER FOR RECONDITIONING; OR TRIPLE RINSE
AND OFFER FOR RECYCLING, RECONDITIONING,
OR DISPOSE IN AN APPROVED LANDFILL.

For more information on the health and environmental exposure may be reviewed on the
Safety Data Sheet (SDS) for this product.
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