



United States
Environmental Protection Agency
Washington, DC 20460



Registration
Amendment
☒ Other

OPP Identifier Number

225624

Application for Pesticide - Section I

| | | |
|---|--|---|
| 1. Company/Product Number 10445-67 | 2. EPA Product Manager Johnson | 3. Proposed Classification <input type="checkbox"/> None <input type="checkbox"/> Restricted |
| 4. Company/Product (Name) Tekamer 38 O.A. | 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 | | | |

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TEKTAMER® 3

(25% AQUEOUS DI

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS
AND DOMESTIC ANIMALS

DANGER: CORROSIVE TO EYES

CAUSES EYE DAMAGE AND SKIN IRRITATION.

DO NOT GET IN EYES, ON SKIN, OR CLOTHING.
WEAR GOGGLES OR FACE SHIELD AND RUBBER GLOVES WHEN HANDLING.
HARMFUL IF SWALLOWED.
WASH CONTAMINATED CLOTHING THOROUGHLY BEFORE REUSE.
DO NOT CONTAMINATE FEED OR FOODSTUFFS.

FIRST AID

EYE: IF IN EYES, FLUSH EYES WITH WATER FOR AT LEAST 15 MINUTES.
GET MEDICAL ATTENTION IMMEDIATELY.
SKIN: IF ON SKIN, WASH WITH SOAP AND WATER. CALL A
PHYSICIAN IF IRRITATION PERSISTS.
INTERNAL: IF SWALLOWED, CALL A PHYSICIAN OR POISON CONTROL
CENTER. DRINK 1 OR 2 GLASSES OF WATER AND INDUCE VOMITING
BY TOUCHING BACK OF THROAT WITH FINGER OR, IF AVAILABLE,
BY ADMINISTERING SYRUP OF IPECAC. DO NOT INDUCE VOMITING
OR GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.

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.

6D41/09-95

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

ACTIVE INGREDIENT:

1,2-DIBROMO-2,4-DICYANOBUTANE 2
INERT INGREDIENTS 7

**KEEP OUT OF REACH
OF CHILDREN
DANGER**

SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

EPA REGISTRATION NO 10445-67
EPA Establishment No.

NET WT. LBS./ 0

CALGON CORPORATION
CALGON CENTER • PITTSBURGH, PA

MADE IN U.S.A.

BEST AVAILABLE COPY

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TEKTAMER® 38 O.A.

(25% AQUEOUS DISPERSION)

00-ED41-

PRODUCT CODE

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

ACTIVE INGREDIENT:

1,2-DIBROMO-2,4-DICYANOBUTANE 25%
INERT INGREDIENTS 75%

**KEEP OUT OF REACH
OF CHILDREN
DANGER**

SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

EPA REGISTRATION NO. 10445-67
EPA Establishment No.

NET WT. LBS. / O KGS.

CALCON CORPORATION
CALCON CENTER, PITTSBURGH, PA 15201

DIRECTIONS FOR USE:

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

CONSULT THE PRODUCT BULLETIN FOR SPECIFIC
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 TIGHTLY CLOSED. DO NOT
REUSE EMPTY CONTAINER. RINSE EMPTY CONTAINER
THOROUGHLY WITH WATER AND DETERGENT AND
DESTROY IT BY BURYING IT IN AN APPROVED
LANDFILL AREA.

BEST AVAILABLE COPY

TEKTAMER 38 O.A. is a water treatment microbiocide for oilfield subsurface water injection systems and well drilling fluids. TEKTAMER 38 O.A. is a 25% aqueous dispersion of 1, 2-dibromo-2,4-dicyanobutane in water.

TYPICAL PROPERTIES

Active ingredient25% minimum
Inert ingredient75%
AppearanceOff-white to white liquid
Freezing Point0°C
Specific gravity1.1 at 20°C
Viscosity
(Brookfield RVF, #5 Spindle @ 50 rpm @ 25°C).....1800-2400 cps

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.A. 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.A.

Add TEKTAMER 38 O.A. 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.A. (140 to 696 pounds TEKTAMER 38 O.A. 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.

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For Drilling Fluids

Add 250 to 500 ppm TEKTAMER 38 O.A. (34.8 to 69.6 pounds or 20.8 to 41.2 mud cups per 100 barrels of drilling fluid) directly to the mud or the drilling fluid for start-up treatment.

Add TEKTAMER 38. O.A. to the chemical barrel and add treatment over one circulation period.

Maintain TEKTAMER 38 O.A. residual during drilling operation by adding 300 to 600 ppm TEKTAMER 38 O.A. (42.0 to 84.0 pounds or 25.0 to 50.0 mud cups per 100 barrels of new fluid) to new make-up fluid each tour.

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

COMPATIBILITY

TEKTAMER 38 O.A. is compatible with typical ingredients used in oilfield applications. However, it should be added separately from amine-containing and strong nucleophylic agents. Mixing TEKTAMER 38 O.A. with these agents may cause reaction between the ingredients which can de-activate TEKTAMER 38 O.A.

TEKTAMER 38 O.A. is most active over a pH range of 2-9.5. 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

TEKTAMER 38 O.A. is compatible with materials such as PVC, polyethylene, polypropylene, Tygon, Teflon, and glass. TEKTAMER 38 O.A. is corrosive to mild steel.

Positive displacement pumps are preferred for handling the product. Chemical feed pumps are available from Calgon Corporation.

PACKAGING

TEKTAMER 38 O.A. is available in 44 pound net pails, 440 pound net drums and liquidbins containing 3000 pounds net.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS
DANGER: CORROSIVE TO EYES
CAUSES EYE DAMAGE AND SKIN IRRITATION

Do not get in eyes, on skin, or clothing. Wear goggles or face shield and rubber gloves when handling. Harmful if swallowed. Wash contaminated clothing thoroughly before reuse. Do not contaminate feed or foodstuffs.

STATEMENTS OF PRACTICAL TREATMENT

EYES: If in eyes, flush eyes with water for at least 15 minutes. Get medical attention immediately.
SKIN: If on skin, wash with soap and water. Call a physician if irritation persists.
INTERNAL: If swallowed, call a physician or Poison Control Center. Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger or, if available, by administering syrup of ipecac. Do not induce vomiting or 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

Ship and store TEKTAMER 38 O.A. between 0°C (32°F) and 42°C (108°F). Keep from freezing. Freeze-thaw cycle may cause a temporary water separation and can be corrected by mechanical agitation.

Store away from heat. At temperatures above 42°C (108°F), the active ingredient in the aqueous dispersion may separate out. A temperature-indicator spot has been added to the drum to indicate the exposure to elevated temperatures. Instructions which appear on the label follow:

If temperature-indicator spot on drum head label is grey/white, the product can be used directly. If indicator spot on drum head label is black, sample the drum. If the product is slightly viscous white dispersion, the product may be used. If two phases or if a clear viscous water layer is found, call your product representative.

Temperature changes may alter viscosity, but should not affect handling or performance.

Keep container closed when not in use.
Do not contaminate water, food, or feed by storage or disposal.

Waste resulting from use of this product may be disposed on on site or at an approved waste disposal facility.

CONTAINER DISPOSAL

Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

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.