


49245-5

10/29/2008

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 <p style="text-align: center;"><b>U.S. ENVIRONMENTAL PROTECTION AGENCY</b> Office of Pesticide Programs Antimicrobials Division (7510C) 1200 Pennsylvania Avenue NW Washington, D.C. 20460</p> <p style="text-align: center;"><b>NOTICE OF PESTICIDE:</b> <u>  x  </u> Registration <u>      </u> Reregistration</p> <p style="text-align: center;">(under FIFRA, as amended)</p>	EPA Reg. Number: 49245-5	Date of Issuance: <b>OCT 29 2008</b>
	Term of Issuance: <b>Conditional</b>	
	Name of Pesticide Product: <b>WT Smart Balls™</b>	
Name and Address of Registrant (include ZIP Code):  <p style="text-align: center;"><b>JACAM Chemicals, LLC</b> 205 S. Broadway Sterling, KA 67579</p>		
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.		
<p>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.</p> <p>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.</p> <p>This product is conditionally registered in accordance with FIFRA sec 3(c)(7)(A) provided that you:</p> <ol style="list-style-type: none"> <li>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.</li> <li>2. Make the labeling changes listed below before you release the product for shipment:             <ol style="list-style-type: none"> <li>a. Revise the "EPA Registration Number to read, "EPA Reg. No. 49245-5".</li> </ol> </li> </ol>		
Signature of Approving Official:  <p>Marshall Swindell <i>MSwindell</i> Product Manager Team-33 Regulatory Management Branch I Antimicrobials Division (7510P)</p>	Date:  <p style="text-align: center;"><b>OCT 29 2008</b></p>	

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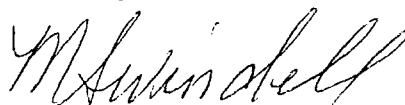
Submit two (2) copies of your final printed labeling before distributing or selling the product bearing the revised labeling.

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 letter, please don't hesitate to call Martha Terry at (703) 308-6217.

Sincerely,



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

Enclosure

**WT SMART BALLS™**

Controls sulfate and acid producing anaerobic bacteria in petroleum/gas storage tanks and piping.

**ACTIVE INGREDIENT:**

Duomeen C.....13.0%  
(Amines, N-Coco alkyltrimethylenediamines)

**OTHER INGREDIENTS:** .....87.0%

Total.....100.0%

EPA Reg. No. 49245-XX

EPA Est. No. 42945-KS-01

**KEEP OUT OF REACH OF CHILDREN**

**DANGER**

**PELIGRO**

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.)

Net Contents: xxxxx

Batch No.: xxxxx

**ACCEPTED**  
**with COMMENTS**  
EPA Letter Dated:  
**OCT 29 2008**

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

49245-5

<b>First Aid</b>	
If in eyes:	<ul style="list-style-type: none"> <li>• 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.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
If on skin:	<ul style="list-style-type: none"> <li>• Take off contaminated clothing.</li> <li>• Rinse skin immediately with plenty of water for 15-20 minutes.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
If inhaled:	<ul style="list-style-type: none"> <li>• Move person to fresh air.</li> <li>• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible.</li> <li>• Call a poison control center or doctor for further treatment advice.</li> </ul>
If swallowed:	<ul style="list-style-type: none"> <li>• Call a poison control center or doctor immediately for treatment advice.</li> <li>• Have person sip a glass of water if able to swallow.</li> <li>• Do not induce vomiting unless told to do so by a poison control center or doctor.</li> <li>• Do not give anything to an unconscious person.</li> </ul>
<b>HOT LINE NUMBER</b>	
Have the product container or label with you when calling a Poison Control Center or doctor. CALL CHEMTREC 24 HOURS A DAY AT 800-424-9300 or 620-276-3355.	
Note to Physician:	Aspiration may cause lung damage. Probable muscosal damage may contraindicate the use of gastric lavage. Causes irreversible eye damage with redness and irritation. Rinse with warm water and treat symptomatically.

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EPA Letter Dated:

**OCT. 29. 2008**

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act as  
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49245-5

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

**Danger: Corrosive.** Causes irreversible eye damage and skin burns. Harmful if swallowed or inhaled. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Do not get in eyes or on clothing. Wear goggles, long-sleeved shirts, pants and butyl or nitrile gloves. 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 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 EPA.

### DIRECTIONS FOR USE

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

Use WT Smart Balls™ to control anaerobic bacteria found in oil/fuel storage tanks, pipelines or natural gas wells.

#### Calculation of Water Volume:

**Storage Tanks:** For purpose of calculation, assume that the lower 2 feet of the storage tank contains water or other heavily contaminated fluid. Calculate the volume of water by the following equation:

$$\begin{aligned} \text{Volume (cubic feet)} &= 3.14 \times \text{radius}^2 \times \text{height} \\ \text{Volume in gallons} &= \text{Cubic feet} \times 7.481 \end{aligned}$$

For example, for a storage tank with a radius of 150 ft: the volume of the contaminated area would be:

$$\begin{aligned} \text{Volume cubic feet} &= 3.14 \times 150 \times 2 = 942 \text{ cubic feet} \\ \text{Volume gallons} &= 942 \times 7.481 = 7,147 \text{ gallons} \end{aligned}$$

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OCT. 2, 9 2008  
Under the Federal Insecticide,  
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49245-5

**Dose Rate:**

Treat fouled water at a rate of 200 ppm. See chart below for the number of Smart Balls needed to treat 1,000 gallons of fouled water.

Diameter of WT Smart Ball	Number of Balls Needed to Treat 1000 Gallons of Fouled Water
4 inch	1
2 inch	10
1 inch	80
¼ inch Pellet	500

RECEIVED  
 COMMENTS  
 Date: \_\_\_\_\_  
 By: \_\_\_\_\_  
 OCT 29 2008  
 Approved Under EPCRA No. \_\_\_\_\_  
 Metal Insecticide  
 Non-toxic Insecticide  
 49245-5

**Pipeline Pigging and Scrapping Operations:**

Treat at rate of 200 ppm (See chart above). The balls and water should be contained between the scraper and the trailing pig to ensure proper distribution. Where the pipeline is not piggable, introduce WT Smart Balls at a rate of 500 ppm of water (4 inch diameter or above). Repeat treatment monthly or as needed to maintain bacterial colony count to 0 – 10 colonies per ml.

**Oil Storage Tanks:**

Fouling usually occurs in the bottom section of the tanks where water and solids normally settle out. Treat at a rate of 200 ppm (See chart above). Repeat treatment monthly or as needed to maintain bacterial colony count to 0 – 10 colonies per ml.

**Fuel Storage Tanks:**

Water contaminated fuel settles to the bottom and causes metal failure due to sulfate reducing bacteria (SRB). WT 4-inch Smart Balls™ are weighted and should be dropped into the tank at a rate of 200 ppm (See chart above). Repeat treatment monthly or as needed to maintain bacterial colony count to 0 – 10 colonies per ml.

**Downhole Application:**

In straight, horizontal or directional drilled wells the WT 4-inch Smart Balls™ are designed to sink to the bottom of the well. Treat at a rate of 200 ppm (See chart above). Repeat treatment monthly or as needed to maintain bacterial colony count to 0 – 10 colonies per ml.

**Ratholes:**

Ratholes generally contain stagnant fluid that is a breeding ground for bacteria and produce H<sub>2</sub>S which is harmful to humans and equipment. Treat at a rate of 200 ppm (See chart above). Repeat treatment monthly or as needed to maintain a bacterial colony count of 0-10 colonies per ml.

**Natural Gas Storage Wells and Systems:**

WT 4-inch Smart Balls™ should be dropped in the gas storage tanks just before gas is injected into the storage facilities. Treat yearly at recommended rate of 200 ppm (See chart above) of salt water.

**Storage and Disposal**

Do not contaminate water, food or feed by storage and disposal.

**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.

**Pesticide Storage:** Store inside a insulated cooler and maintain temperature below 100°F

**Container Disposal:**

**Plastic Bag:** Nonrefillable Container. Do not reuse or refill this container.

**Hard Sided Container:** Triple rinse container promptly after emptying. Do not reuse this container for any other purpose. Return rinsed container to manufacturer or offer for recycling if available. Pressure rinsing the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller.

Manufactured by:  
JACAM Chemicals, LLC  
205 S. Broadway  
Sterling, KS 67579  
(620) 278-3355

ACCEPTED  
with COMMENTS  
EPA Letter Dated:  
JUL 29 2000

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Fungicide, and Rodenticide Act as  
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49245-5

### Potential Marketing Claims

1. 4 Inch Diameter Ball
2. 2 Inch Diameter Ball
3. 1 Inch Diameter Ball
4. ¼ Inch Pellet
5. For strategic and effective control of anaerobic bacteria
6. Protects against metal failure

ACCEPTED  
WITH COMMENTS  
EPA Letter Dated:  
**OCT. 29 2008**  
Under the Federal Fungicide,  
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