



U.S. ENVIRONMENTAL PROTECTION AGENCY  
 Office of Pesticide Programs  
 Antimicrobials Division (7510P)  
 1200 Pennsylvania Ave., N.W.  
 Washington, D.C. 20460

EPA Reg. Number:  
 49245-5

Date of Issuance:  
 12/9/2016

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

Term of Issuance:  
 Unconditional

Name of Pesticide Product:  
 WT Smart Balls

**Name and Address of Registrant (include ZIP Code):**

Jacam Chemical Company 2013, LLC  
 205 South Broadway  
 Sterling, KS 67579

**Note:** Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Antimicrobials 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 (FIFRA), as amended. 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 her/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.

EPA received a label amendment request submitted by email on December 9, 2016. EPA grants this request under the authority of section 3(c)(5) of FIFRA, as amended. With this accepted labeling, all requirements set forth in the Reregistration Eligibility Decision for Duomeen C (Amines, N-Coco alkyltrimethylenediamines) have been satisfied. Therefore, EPA reregisters the product listed above. This action is taken under the authority of section 4(g)(2)(c) of FIFRA, as amended. Reregistration under this section does not eliminate the need for continual reassessment of pesticides. EPA may require submission of data at any time to maintain the registration of your product.

Submit one (1) copy of final printed labeling. Amended labeling will supersede all previously accepted labels. A copy of your label stamped "Accepted" is enclosed for your records. Products shipped after 12 months from the date of this Notice or the next printing of your label, whichever occurs first, must bear the new revised label.

**Signature of Approving Official:**

Julie Chao, Product Manager 33  
 Regulatory Management Branch 1, Antimicrobials Division (7510P)

**Date:**

12/9/2016

Should you wish to add/retain a reference to the company's website on your label, then please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product's label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA's Office of Enforcement and Compliance.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6. Your release for shipment of the product constitutes acceptance of these conditions. A stamped copy of the label is enclosed for your records.

Please also note that the record for this product currently contains the following CSFs:

- Basic CSF, dated 6/6/2012

If you have any questions, please contact Terria Northern by phone at 703-347-0265, or via email at [northern.terria@epa.gov](mailto:northern.terria@epa.gov).

Sincerely,



Julie Chao, Product Manager 33  
Regulatory Management Branch 1  
Antimicrobials Division (7510P)  
Office of Pesticide Programs

Enclosure: Accepted Label

# 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. 49245-5  
EPA Est. No. 49245-KS-002

**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:**  12-4 inch balls  50-2 inch balls  1300-1 inch balls  30#-1/4 inch pellets

**Batch No.:**

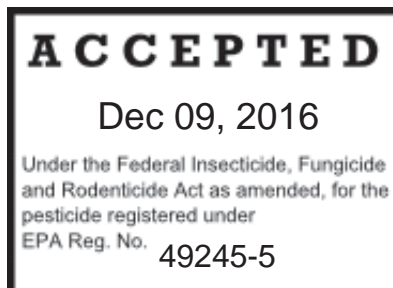
FIRST AID	
<b>If in eyes:</b>	<ul style="list-style-type: none"> <li>Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li> <li>Remove contact lenses, if present, after the first 5 minutes, then continue rinsing.</li> <li>Call a poison control center or doctor for treatment advice.</li> </ul>
<b>If on skin or clothing:</b>	<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>
<b>If Swallowed:</b>	<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 by mouth to an unconscious person.</li> </ul>
<b>If inhaled:</b>	<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>

## HOT LINE NUMBER

Have the product container or label with you when calling a Poison Control Center or Doctor or going for treatment. You may also contact CHEMTREC 24 HOURS A DAY AT 800-424-9300 for emergency medical treatment information.

## NOTE TO PHYSICIAN

Aspiration may cause lung damage. Probable mucosal damage may contraindicate the use of gastric lavage. Causes irreversible eye damage with redness and irritation. Rinse with warm water and treat symptomatically.



## PRECAUTIONARY STATEMENT HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**DANGER:** Corrosive. Causes irreversible eye damage. Causes skin burns. Do not get in eyes, on skin, or on clothing. Harmful if swallowed. Harmful if inhaled. Prolonged or frequently repeated skin contact may cause allergic reaction in some individuals. Wear protective eyewear (goggles, face shield, safety glasses). When cleaning equipment wear a chemical resistant apron. Wear coveralls worn over long sleeved shirt and long pants, chemical resistant footwear, socks, and chemical resistant gloves (such as or made out of any waterproof material, selection category A) must be worn when handling the product and it may be applied using a closed delivery system such as a dry coupling and/or metering pump. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergents and hot water. Keep and wash PPE separately from other laundry. Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them.

## USER SAFETY RECOMMENDATIONS:

User should wash hands before, eating, drinking, chewing gum, using tobacco, or using the toilet. User 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. As soon as possible, wash thoroughly and change into clean clothing.

## ENVIRONMENTAL HAZARDS

This product is toxic to fish, aquatic invertebrates, oysters, and shrimp. 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.

## 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:

$$\text{Volume (cubic feet)} = 3.14 \times \text{radius}^2 \times \text{height}$$

$$\text{Volume in gallons} = \text{Cubic feet} \times 7.481$$

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

$$\text{Volume cubic feet} = 3.14 \times 150^2 \times 2 = 141300 \text{ cubic feet}$$

$$\text{Volume gallons} = 141300 \times 7.481 = 1,057,065 \text{ gallons}$$

## 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 1,000 Gallons of Fouled Water
4 inch	1
2 inch	10
1 inch	80
1/4 inch Pellet	500

## 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.

## Pipeline Pigging and Scrapping Operations:

Treat at rate of 200 ppm (see chart). 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.

## Fuel Storage Tanks:

Water contamination of fuel settles to the bottom and causes metal failure due to sulfate reducing bacteria (SRB). WT 4-inch Smart Balls™ are designed to sink to the bottom of the tank. Treat at rate of 200 ppm (see chart). 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 rate of 200 ppm (see chart). 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 producing H<sub>2</sub>S which is harmful to humans and equipment. Treat at rate of 200 ppm (see chart). Repeat treatment monthly or as needed to maintain bacterial colony count to 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) of salt water.

## STORAGE, HANDLING AND DISPOSAL Do not contaminate water, food or feed by storage or 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 an insulated cooler and maintain temperature below 100°F.

## CONTAINER HANDLING:

**Plastic Bag:** Non-refillable container. Do not reuse or refill this container. Offer for recycling if available.

Sold By or Distributed By:



JACAM Manufacturing 2013, L.L.C.  
P.O. Box 96 \* 205 S. Broadway Sterling, Kansas 67579 USA  
(620) 278-3355

**People + Products** **Performance™**

**NET CONTENTS MARKED ON CONTAINER  
NFPA: Health 2 Flammability 1 Reactivity 0**

Revised 12.09.16