

45728-29

12/13/2013

114



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

Dr. Vincent Piccirillo, Authorized Agent for Taminco, Inc.  
21320 Sweet Clover Place  
Ashburn, VA 20147

DEC 13 2013

Subject: Label Amendment  
Product Name: SDDC  
EPA Registration Number: 45728-29  
Amendment Application Date: June 26, 2013  
EPA Received Date: June 27, 2013

Dear Dr. Piccirillo,

The application referred to above which seeks to add Secondary and Tertiary Oil Recovery and Drilling Fluid uses to the SDDC label, EPA Registration #45728-29, submitted under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), Section 3(c)(7)(A) as amended, is acceptable.

Submit and/or cite all data required for registration/reregistration of your product under FIFRA section 3(c)(5) and section 4(a) when the Agency requires all registrants of similar products to submit such data.

A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling. The next label printing of this product must use this labeling unless subsequent changes have been approved. You must submit one (1) copy of the final printed labeling before you release the product for shipment with the new labeling. In accordance with 40 CFR 152.130(c), you may distribute or sell this product under the previously approved labeling for 18 months from the date of this letter. After 18 months, you may only distribute or sell this product if it bears this new revised labeling or subsequently approved labeling. "To distribute or sell" is defined under FIFRA section 2(gg) and it's implementing regulation at 40 CFR 152.3.

If you have any questions concerning this letter, please contact Amaris Johnson at [johnson.amaris@epa.gov](mailto:johnson.amaris@epa.gov) or (703) 305-9542.

Sincerely,

A handwritten signature in cursive script, appearing to read "Marshall Swindell".

Marshall Swindell  
Product Manager (33)  
Regulatory Management Branch 1  
Antimicrobials Division (7510P)  
Office of Pesticide Programs

214



# SDDC

**ACCEPTED**  
 DEC 13 2013  
 Under the Federal Insecticide, Fungicide, and  
 Rodenticide Act as amended, for use as a  
 pesticide, registered under  
 EPA Reg. No. **45728-29**

ACTIVE INGREDIENT:  
 Sodium dimethyldithiocarbamate.....40 %  
 INERT INGREDIENTS: .....60%  
 TOTAL 100.0 %

EPA Reg. No. 45728-29

EPA est. no.

**KEEP OUT OF REACH OF CHILDREN**  
**DANGER** **PELIGRO**

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 eye.</li> <li>Call a poison control center or doctor for treatment advice.</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 by mouth-to-mouth, if possible</li> <li>Call a poison control center or doctor for further 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 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>
HOT LINE NUMBER	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For Emergencies involving a Spill, Leak, Fire, Exposure, or Accident, Contact: CHEMTREC at (800) 424-9300. For product usage information, phone Taminco Inc., at (800) 223-3258 from 9:00 AM to 5:00 PM Eastern time.	
NOTE TO PHYSICIAN	
Possible mucosal damage may contraindicate gastric lavage.	

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

**DANGER:** Causes skin and eye irritation. Do not get in eyes, on skin, or on clothing. Wear goggles or face shield and rubber gloves when handling. Harmful or fatal if swallowed. Harmful if absorbed through skin. Avoid contamination of food and feedstuffs.

### ENVIRONMENTAL HAZARDS

This product 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.

**DIRECTIONS FOR USE**

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

**MICROBICIDE FOR USE IN INDUSTRIAL RECIRCULATING WATER COOLING TOWERS AND EVAPORATIVE CONDENSERS:**

For control of bacteria, algae and fungi, add SDDC to the basin, distribution box or other point where complete mixing is assured. Dosages for industrial recirculating water cooling towers or evaporative condensers will depend on the condition of the system prior to treatment initiation. Systems which are heavily contaminated should be cleaned first.

**INTERMITTENT OR SLUG METHOD:**

Initial Dose: When the system is noticeable fouled, apply 13.6 fluid ounces of SDDC per each 1,000 gallons of water in the system (125 ppm). This dose may be repeated once, twice or three times weekly or as required to control the growth of slime-forming organisms.

Subsequent Dose: When microbial control is evident, add 2.2 to 4.4 fluid ounces SDDC per 1,000 gallons of water in the system (20-40 ppm) every three days or as needed to maintain control.

**MICROBICIDE FOR USE IN PAPERMILLS:**

For control of bacterial and fungal slime, add SDDC by suitable chemical metering pumps as early as possible in the system at points such as the proportioner, hydropulper, machine chest or broke system or other points where complete mixing is assured.

Dosage: Apply 0.25 to 1.0 pounds (3.3 to 13 fluid ounces) of SDDC per ton (dry basis) of finished paper produced for two hours every eight hours as a slug dose. Repeat daily as needed, depending upon the type of stock, complexity or the system, quality of the raw water and type and degree of contamination. Badly fouled systems should be cleaned before initial treatment.

**MICROBICIDE FOR USE IN BEET SUGAR MILLS:**

SDDC should be fed directly into the raw juice during sugar extraction of beets to keep equipment free of bacterial slime deposits. It is to be used at the rate of 15 to 30 ppm of product per million parts of raw beets sliced, and fed continuously into the pulp press water tank with a metering pump. The maximum rate to be fed is 30 ppm. Refer to Table 1 for the proper dosage in milliliters and ounces of SDDC to be used per minute.

**TABLE 1**

SHORT TONS OF RAW BEETS SLICED PER DAY	Rate of Feed of SDDC			
	15 ppm		30 ppm	
	ML/MIN	OZ/MIN	ML/MIN	OZ/MIN
1,000	8.0	0.3	16.1	0.5
2,000	16.1	0.5	32.2	1.1
3,000	24.1	0.8	48.3	1.6
4,000	32.2	1.1	64.4	2.2
5,000	40.2	1.4	80.5	2.7
6,000	48.3	1.6	96.6	3.3
7,000	56.3	1.9	112.6	3.8
8,000	64.4	2.2	128.7	4.4
9,000	72.4	2.4	144.8	4.9
10,000	80.5	2.7	160.9	5.4

**SECONDARY AND TERTIARY OIL RECOVERY**

SDDC is an effective microbiocide for controlling the growth of bacteria found in secondary and tertiary petroleum recovery waterflood systems. SDDC can be injected directly from the shipping container. It should be thoroughly mixed into the produced water, fresh or salt water or commingled water of the secondary or tertiary oil recovery waterflood systems for effective microorganism control. It may be diluted with water before injection. SDDC is used at the rate of 1.7 pint per 1000 gallons of water for growth inhibition of *Bacillus Cereus* and *Desulfovibrio desulfuricans* and 6.72 pints per 1000 gallons of water for heterotropic bacteria including *Pseudomonas*.

**DRILLING FLUIDS (NOT APPLICABLE IN CALIFORNIA)**

SDDC is an effective microbiocide for use in controlling the growth of bacteria found in water based drilling muds. It is especially useful in muds containing starches, xanthanate gums, and wood sugars. The uncontrolled growth of these fungi and bacteria can cause increased corrosion, undesirable odors, and degradation of drilling mud especially fluid loss properties.

SDDC is used at the rate of 1 to 10 gallons per 100 bbl. of mud (0.02% to 0.2%). It can be used directly from the shipping container or pre-diluted with water. It can be put in through the mud hopper or added to the pump suction.

**STORAGE AND DISPOSAL**

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

**Pesticide Storage:** Do not contaminate water, food, or feed by use or storage. Store in original containers only in a secured area inaccessible to children and unauthorized persons. Absorb spills onto clay, sand or vermiculite and hold for proper disposal. Protect from excessive heat. Keep from freezing.

**Pesticide Disposal:** Pesticide wastes are toxic. 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.

**Container Handling (Polyethylene drums):** Nonrefillable container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container 1/4 full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. Once cleaned, some agricultural plastic pesticide containers can be taken to a container collection site or picked up for recycling. To find the nearest site, contact your chemical dealer or manufacturer, or contact Schuetz Ticket Service at (908)595-9625 or [www.schuetz.net/ticket](http://www.schuetz.net/ticket).

Taminco US Inc. makes no warranty, expressed or implied, concerning the use of this product other than indicated on the label.

NET WEIGHT:



**Taminco US Inc.**  
**Two Windsor Plaza, Ste 411**  
**7540 Windsor Drive**  
**Allentown, PA 18195**