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

-21-2009

OCT 2 1 2009

SEPA United States Environmental Protection Office of Pesticide Programs

The Dow Chemical Company 1803 Building Midland, MI 48674

464-718

Attention: Rhonda Vance-Moeser Senior Regulatory Specialist

Subject: UCARCIDE™ SB 130 Antimicrobial EPA Registration No. 464-718 Notification Dated September 24, 2009

This will acknowledge receipt of your notification to revise the container disposal statement on the label in response to PR Notice 2007-4, submitted under the provisions of FIFRA Section 3(c)(9). Based on a review of the submitted material, the following comments apply.

The Notification is in compliance with PR Notice 98-10 and is acceptable. This information has been made a part of your file.

If you have any questions concerning this letter, please contact Martha Terry at (703) 308-6217.

Sincerely

Martha Serry Dor

Marshall Swindell Product Manager (33) Regulatory Management Branch 1 Antimicrobials Division (7510P)



The Dow Chemical Company Midland, Michigan 48667

September 24, 2009

Overnight Mail

Document Processing Desk (NOTIF) Office of Pesticide Programs (7504P) U. S. Environmental Protection Agency Room S-4900, One Potomac Yard 2777 S. Crystal Drive Arlington, Virginia 22202-4501

RE: NOTIFICATION – EPA REG. NO. 464-718 UCARCIDETM SB 130 Antimicrobial

To Whom It May Concern:

The Dow Chemical Company (Dow) hereby submits a Notification application to revise the container disposal statement on the label in response to PR Notice 2007-4. In order for the application to be processed the required Notification statement is below.

"This Notification is consistent with the provisions of PR Notice 98-10 and EPA regulations at 40 CFR 152.46, and no other changes have been made to the labeling or the confidential statement of formula of this product. I understand that it is violation of 18 U.S.C. Sec. 1001 to willfully make any false statement to EPA. I further understand that if this notification is not consistent with the terms of PR Notice 98-10 and 40 CFR 152.46, this product may be in violation of FIFRA and I may be subject enforcement action and penalties under section 12 and 14 of FIFRA"

Enclosed are the following documents to support this Notification

1) Completed application, Pesticide Registration, Form 8570-1.

2) One marked copy of the label indicating the change highlighted in yellow.

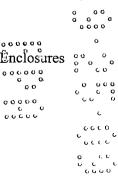
3) Two copies of final label.

Please contact me if you have any questions or need additional information.

Sincerely,

Rhanda Vance Maiser

Rhonda Vance-Moeser Senior Regulatory Specialist 574 Building, Office 2044 Midland, MI 48667 Phone: (989) 636-1884 e-mail: <u>rgvmoeser@dow.com</u>



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TM Trademark of The Dow Chemical Company ("Dow") or an affiliated company of Dow

Places and instructions	on reverse before comple		Form				
€ EPA	u Environmental	nited States Protection Ag ngton, DC 20460			OMB No. 2070 Registratic Amendme Other	on ^{of}	PP Identifier Number
	······································	Application for	Pesticide -	Section	I		
1. Company/Product Number 464-718			2. EPA Product Menager Marshall Swindell				ed Classification
4. Company/Product (Na The Dow Chemical Co	me) ompany /UCARCIDE™SE	130 Antmicrobial	PM# 33				ne Restrict
5. Name and Address of The Dow Chemical Co 1803 Building Midland, MI 48674		 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. 					
		Se	Product Na				
X Notification - Expl Explanation: Use addition	esponse to Agency letter	y. (For section I and S Notice 2007-4. End	- Ager - Me Othe	cy letter da Too" Applic r - Explain b	ation. elow.		statement.
a strandal This Decision			uon - m				
1. Material This Product Will Be Packaged In: Child-Resistant Packaging Yes* No * Certification must be submitted 3. Location of Net Contents Information Material This Product Will Be Packaged In:			Yes Metal No Plastic es" No. per age wgt container State State Other Specify On Label On Labeling accompanying product				
6. Manner in Which Labe	Container			Other	Un Labeling	accompany	ing product
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1. Contact Point (Compl	ete items directly below f	or identification of indi	vidual to be cont	ected, if nec			
Namo Rhonda Vance-Moesei		Title Sr. Reg	ulatory Special	st	Tel (98	l ephone No 89) 636-18	ອ (ເກັດໃນັດ.» Area Code) 84°°° ໑໑໑
I certify that the st I acknowledge that both under application 2. Signature		uisleading statement m	ay be punishable	by fine or i	mprisonment ັດr ວວດ	0000 0000 0000	ວ່າເປັນ Baceived ອີເ (Stämped) - ເບີດ
A. Typed Name Rhonda Vance-Moeser			Dete Aug - 24, 2009				

EPA Form 8570-1 (Rev. 8-94) Previous editions are obsolete.

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Yellow - Applicant Copy

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER

KEEP OUT OF REACH OF CHILDREN

Corrosive. Causes irreversible eye damage. Causes skin burns. Harmful if inhaled. May be fatal if swallowed. Harmful if absorbed through skin. Prolonged or frequently repeated skin contact may cause allergic skin reactions in some individuals. Causes asthmatic signs and symptoms in hyper-reactive individuals.

Do not get in eyes, on skin, on clothing.

Avoid breathing vapor. Do not swallow.

Wear goggles, protective clothing, and butyl or nitrile gloves.

Wash thoroughly with soap and water after handling.

Remove contaminated clothing and wash 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 the EPA.

STORAGE AND HANDLING

UCARCIDETM SB 130 Antimicrobial is incompatible with many commonly used materials of construction such as steel, galvanized iron, aluminum, tin, and zinč. UCARCIDETM SB 130 Antimicrobial can be stored and handled in baked phenolic-lined steel, polyethylene, stainless steel, or reinforced epoxy-plastic equipment. For short storage times (up to about 1 month), temperatures of up to 100°F (37.8°C) can be tolerated but the preferred maximum storage temperature is about 80°F (26.7°C).

Open the UCARCIDETM SB 130 Antimicrobial container in a well ventilated area. When opening a container in a confined space where ventilation is not adequate, use a MSHA/NIOSH approved air purfying respirator equipped with an organic vapor carthdge. Store any unused product in the original container and reseal the inner plastic liner tighty and ensure the lid of the container is resealed.

LIMITED WARRANTY AND DISCLAIMER

Selier warrants that the product conforms to its chemical description as contained on this label and is reasonably fit for the purposes stated on this label when used in accordance with directions under normal conditions of use. THE WARRANTIES MADE IN THIS PARAGRAPH ARE SELLER'S SOLE WARRANTIES WITH RESPECT TO THE PRODUCT AND ARE MADE EXPRESSLY IN LIEU OF AND EXCLUDE ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE AND ALL OTHER EXPRESS OR IMPLIED REPRESENTATIONS AND WARRANTIES.

BEFORE USING THIS PRODUCT, SEE YOUR EMPLOYER AND READ THE MATERIAL SAFETY DATA SHEET.

STORAGE AND DISPOSAL

PESTICIDE DISPOSAL: Do not contaminate water, food or feed by storage or disposal. Open dumping is prohibited. 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 your Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

Option to use for labels on nonrefillable containers of all sizes Container Disposal: Nonrefillable Container. Triple or pressure rinse container (or equivalent) promptly after emptying. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

Option to use for labels on refillable rigid tote containers

Ketillable container. Retill this container with pesticide only. Do not reuse container for any other purpose. Cleaning of container before final disposal or or or or is the responsibility of person disposing of container. Cleaning before refilling is the responsibility of refiller. To clean container before final disposal, emptyo or or or contents into application equipment and triple rinse. Pour or pump rinsate into application equipment or rinsate collection system. Then offer for recycling or or or puncture and dispose of in a sanitary landfill, or by incineration, or other procedures allowed by state and local authorities.

UCA

A MICROBIOCIDE FOR USE IN CON WELL DRILLING, DIL FIELD PROI TRANSMISSION PIPELINES AND SY. WATER HOLDING TANKS, INJECTI TANKS: BALLAST TANKS, FUEL RECIRCULATING WATER HANDLING

Active Ingredients

KEEP (

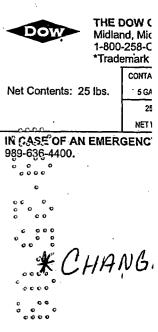
If swallowed:

- Call a poison control center or a doct
- DO NOT INDUCE VOMITING, Do not give anything to drink.
- If in eyes:
- Wash immediately and continuously
- Remove contact lenses after the first
- Remove contact renses after the first
- Obtain prompt medical consultation, p
 If on skin or clothing:
- Take off contaminated clothing.
- Rinse skin immediately with plenty of
- Call a poison control center or a doctc If inhaled:
- Move person to fresh air.
- If person is not breathing, call 911 or :
- Call a poison control center or a docto

NOTE TO PHYSICIAN: Aspiration the use of gastric lavage.

Have the MSDS and, if available, t doctor, or going for treatment.

SEE SIDE PANEL



STATEMENTS **D DOMESTIC ANIMALS**

ER H OF CHILDREN

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. HAZARDS

ining this product into lakes, streams, ponds, he requirements of a National Pollutan tting authority has been notified in writing roduct to server systems without previously ance contact your State Water Board or

ANDLING

· commonly used materials of construction CIDETM SB 130 Antimicrobial can be , stainless steel, or reinforced epoxy-plastic peratures of up to 100°F (37.8°C) can be HOUT 80°F (26.7°C).

ell ventilated area. When opening a , use a MSHA/NIOSH approved air tore any unused product in the original e lid of the container is reseated.

ISCLAIMER

cription as contained on this label and is n accordance with directions under norma PARAGRAPH ARE SELLER'S SOLE REMADE EXPRESSLY IN LIEU OF AND ITABILITY OR OF FITNESS FOR A R IMPLIED REPRESENTATIONS AND

SEE YOUR EMPLOYER Y DATA SHEET.

POSAL

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UCARCIDE SB 130 ANTIMICROBIAL

A MICROBIOCIDE FOR USE IN CONTROLLING SULFATE-REDUCING BACTERIA AND SLIME-FORMING BACTERIA IN OIL WELL DRILLING, OIL FIELD PROCESSING APPLICATIONS, OIL FIELD WATER SYSTEMS, GAS PRODUCTION AND TRANSMISSION PIPELINES AND SYSTEMS, AND GAS STORAGE FIELDS AND EQUIPMENT; SUCH AS, STEAM-INJECTION WATER HOLDING TANKS, INJECTION WATER, HOLDING POND WATER, DISPOSAL-WELL WATER, WATER HOLDING TANKS, BALLAST TANKS, FUEL STORAGE TANKS AND RELATED REFINERY, OIL FIELD CLOSED, INDUSTRIAL RECIRCULATING WATER HANDLING SYSTEMS AND AIR WASHERS AND RECIRCULATING COOLING WATER SYSTEMS.

Active	Ingre	dient: Glutar	aldehyde			1%
Inert Ingredients:						
		a i			100.0	1%
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_			DAN			
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 DO NOT INDUCE VOI 	MITING		ely lor deaument	auviçe.		
 Do not give anything to If in eyes: 	o drink.	1				
* Wash immediately and						
 Remove contact lense: Obtain prompt medical 						1
If on skin or clothing:				ologiai.		
 Take off contaminated Rinse skin immediately 			5-20 minutes.			• • • •
Call a poison control contr						
If inhaled: Move person to fresh a	aler.	í í				
If person is not breathli					preferably mouth-to-m	outh if possible.
Call a poison control of		13				
NOTE TO PHYSICIAN the use of gastric lava	u: Asp ge.	wation may cau	se iung damag	e. Probable muco	sar damage may co	ontramuicate
Have the MSDS and,	if avai	lable, the produ	ct container o	r label with you wh	en calling a poison	control center or a
doctor, or going for tre	atmen	t.				1
					<u></u>	
SEE SI	DE PA	NEL FOR AD	DITIONAL F	RECAUTIONA		5.
					EDA Do	a. No. 464-718
THE DOW CHEMICAL COMPANY Midland, Michidan 48674 U.S.A.		NY		No. 71441-OH-001		
	1-800-	-258-CHEM		•		
•	Trade	mark of THE I	DOW CHEM	ICAL COMPANY	·	Made In USA
		CONTAINER SIZE	SHIPPING	CORROSSIVE SOLID, ACIDIC ORGANIC NOS		(A 06/04)
Net Contents: 25 I	bs.	5 GALLONS	NAME	(CONTAINS GLU	TARALDEHYDE)	PE0704
		25 lbs.	HAZARD CLASS	ID NUMBER	PG II	
		NET WEIGHT.	8	UN 3261		•
IN CASE OF AN E	MER	GENCY endar	gering life o	r property involvi	ing this product,	call collect
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HYDROTESTI Water used to hydro Antimicrobial (1.6 t water quality and le

produce a concent

water present in the

PIPELINE PIG

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This product may eliminating compon UCARCIDETM SB mbring such as the Badly fouled syste conditions, blowdov

IN Initial Dose: Whe Antimicroblai to the water in the system

Subsequent Dose Antimicrobial to the gallons of water in U Badly fouled system

Initial Dose: Whe Antimicrobial to the in the system.) Subsequent Dose: UCARCIDETM SB 1

Antimicroblal per 1,0

Badly fouled system



It is a violation of

WATER FLOC UCARCIDETM SI

Initial Treatment SB 130 Antimicro gallons flood wat Subsequent Dos Antimicrobial (0.3 to the system we DRILLING, COM

UCARCIDETM SE mixing such as th Initial Treatmen

UCARCIDETM SE

severity of contain Maintenance Do:

by adding 3.5 to

needed, dependin

PACKER FLU

UCARCIDETM SB

DIRECTIONS FOR USE

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

WATER FLOODS

UCARCIDETMSB 130 Antimicrobial should be added to a water flood system at a point of uniform mixing. Initial Treatment: When the system is noticeably contaminated, add 200 to 10,000 ppm UCARCIDETM SB 130 Antimicrobial to the system (1.66 to 83 lbs. UCARCIDETM SB 130 Antimicrobial per 1,000 gallons flood water). Repeat until control is achieved. Subsequent Dose: When microbial control is evident, add 40 to 10,000 ppm UCARCIDETM SB 130

Antimicrobial (0.3 to 83 lbs. UCARCIDETM SB 130 Antimicrobial per 1,000 gallons flood water) to the system weekly, or as needed to maintain control

DRILLING, COMPLETION, FRACTURING AND WORKOVER FLUIDS

UCARCIDETM SB 130 Antimicrobial should be added to a drilling fluid system at a point of uniform mixing such as the circulating mud tank.

Initial Treatment: Add 100 to 2,000 ppm UCARCIDETM SB 130 Antimicrobial (3:5 to 70 lbs. UCARCIDETM SB 130 Antimicrobial per 100 barrels of water) to a freshly prepared fluid depending on the severity of contamination.

Maintenance Dosage: Maintain a concentration of 100 to 2,000 ppm UCARCIDETM SB 130 Antimicrobial by adding 3.5 to 70 lbs. of UCARCIDETM SB 130 Antimicrobial per 100 barrels of additional fluid, or as needed, depending on the severity of contamination.

PACKER FLUIDS

UCARCIDETM SB 130 Antimicrobial should be added to a packer fluid at a point of uniform mixing such as a circulating holding tank. Add 100 to 1,200 ppm UCARCIDETM SB 130 Antimicrobial (3.5 to 42 lbs. UCARCIDETM SB 130 Antimicrobial per 100 barrels of water) to a freshly prepared fluid depending on the severity of contamination. Seal the treated packer fluid in the wall between the casing and production

GAS PRODUCTION AND TRANSMISSION PIPELINES AND SYSTEMS

UCARCIDETM SB 130 Antimicrobial should be added to a gas production or transmission pipeline via direct injection. The application should be conducted to ensure maximum distribution of the UCARCIDETM SB 130 Antimicrobial through the entire internal surface of the pipeline. To facilitate application, it may be desirable to dissolve or suspend the UCARCIDETM SB 130 Antimicrobial with an appropriate solvent immediately before use. Injections to the system should be weekly, or as needed to maintain control, GAS STORAGE WELLS AND SYSTEMS

Individual injection wells should be treated with a sufficient quantity of UCARCIDETM SB 130 Antimicrobial to produce a concentration of 1,000 to 10,000 ppm UCARCIDETM SB 130 Antimicrobial when diluted by the water present in the formation. Injection should take place before gas is injected (during the summer). Injections should be repeated yearly, or as needed to maintain control.

HYDROTESTING

Water used to hydrotest pipetines or vessels should contain 200 to 8,000 ppm UCARCIDETM SB 130 Antimicrobial (1.6 to 65 lbs. UCARCIDETM SB 130 Antimicrobial per 1,000 gallons water), depending on water quality and length of time the equipment will remain idle

PIPELINE PIGGING AND SCRAPING OPERATIONS

and the severity of biofouling

AIR WASHERS AND RECIRCULATING COOLING WATER SYSTEMS

This product may be used only in industrial air washers and air washer systems which have mist-

His product may be taken by the set of the

INTERMITTENT (SLUG DOSE) METHOD

Initial Dose: When the system is noticeably fouled, apply 166 to 333 ppm UCARCIDETM SB 130 Antimicrobial to the system (1.4 to 2.8 lbs of UCARCIDETM SB 130 Antimicrobial per 1,000 gallons of water in the system). Repeat until control is achieved.

Subsequent Dose: When microbial control is evident, add 50 to 166 ppm UCARCIDETM SB 130 Antimicrobial to the system weekly (0.5-1.4 pounds of UCARCIDETM SB 130 Antimicrobial per 1,000 gallons of water in the system) or as needed to maintain control. Badly fouled systems must be cleaned before treatment is begun.

CONTINUOUS FEED METHOD

Initial Dose: When the system is noticeably fouled, apply 168 to 333 ppm UCARCIDETM SB 130 Antimicrobial to the system (1.4-2.8 lbs of UCARCIDETM SB 130 Antimicrobial per 1,000 gallons of water in the system.)

Subsequent Dose: Maintain this treatment level by starting a continuous feed of 36 to 166 ppm UCARCIDETM SB 130 Antimicrobial to the system per day (0.3-1.4 pounds of UCARCIDETM SB 130 Antimicrobial per 1,000 gallons of water in the system).

Badly fouled systems must be cleaned before treatment is begun.

SB 130 ANTIMICROBIAL

ING SULFATE-REDUCING BACTERIA AND SLIME-FORMING BACTERIA IN OIL IG APPLICATIONS, OIL FIELD WATER SYSTEMS, GAS PRODUCTION AND , AND GAS STORAGE FIELDS AND EQUIPMENT; SUCH AS, STEAM-INJECTION TER, HOLDING POND WATER, DISPOSAL-WELL WATER, WATER HOLDING IGE TANKS AND RELATED REFINERY, OIL FIELD CLOSED, INDUSTRIAL IMS AND AIR WASHERS AND RECIRCULATING COOLING WATER SYSTEMS.

taraldehyde	30.0%
· · ·	70.0%
	100.0%

FOF REACH OF CHILDREN DANGER **FIRST AID**

diately for treatment advice.

ing water for at least 30 minutes. s and continue washing. ly from an ophthalmologist

✓ 15-20 minutes. atment advice.

lance, and then give artificial respiration, preferably mouth-to-mouth if possible. ther treatment advice.

ause lung damage. Probable mucosal damage may contraindicate

duct container or label with you when calling a poison control center or a

ADDITIONAL PRECAUTIONARY STATEMENTS.

ICAL COMPANY 48674 U.S.A.

5 DOW CHEMICAL COMPANY

E	SHIPPING NAME	Made In USA (A 06/04) PE0704		
	HAZARD CLASS 8	ID NUMBER	PG II	

angering life or property involving this product, call collect



NOTICE Do Not Ship or Store with Food, Feeds, Drugs, or Clothing

EPA Est. No. 71441-OH-001

EPA Reg. No. 464-718