

PM 31 55195-5

1075

US ENVIRONMENTAL PROTECTION AGENCY OFFICE OF PESTICIDES PROGRAMS REGISTRATION DIVISION (75-767) WASHINGTON, DC 20460 NOTICE OF PESTICIDE: <input type="checkbox"/> REGISTRATION <input type="checkbox"/> REREGISTRATION <i>(Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended)</i>	EPA REGISTRATION NO. 55195-5	DATE OF ISSUANCE MAR 22 1993
	TERM OF ISSUANCE	
	NAME OF PESTICIDE PRODUCT Coldcide - 25	

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

Colcide, Inc.
 11500 W. Hill Dr.
 Rockville, Md. 20852

NOTE: Changes in labeling formula 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 U.S. 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.

A copy of the labeling accepted in connection with this Registration/Reregistration is returned herewith.

Registration is in no way to be construed as an indorsement or approval of this product by this 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.

This product is conditionally registered in accordance with FIFRA sec. 3(c)(7)(A) provided that you:

1. Submit/cite all data required for registration/reregistration of your product under FIFRA section 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for reregistration of your product under FIFRA section 4.
2. Add the phrase, "EPA Registration No. 55195-5 " to your label before you release the product for shipment.
3. Submit five (5) copies of your final printed labeling before you release the product for shipment. Refer to the A-79 enclosure for a further description of final printed labeling.

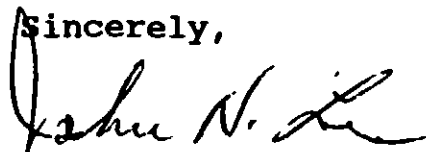
ATTACHMENT IS APPLICABLE

SIGNATURE OF APPROVING OFFICIAL	DATE
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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.

Sincerely,



John H. Lee
Product Manager (31)
Antimicrobial Program Branch
Registration Division (H-7505C)

Enclosures

FMCI 35170-4

3070

FRONT PANEL - COLDCIDE-25

REVISED 02-18-1993

COLDCIDE - 25

GLUTARALDEHYDE / MICROBICIDE CONCENTRATE

FOR USE IN CONTROLLING SULFATE REDUCING BACTERIA IN OIL WELL DRILLING AND OIL FIELD PROCESSING, WATER FLOODING APPLICATIONS.

ACTIVE INGREDIENT		
GLUTARALDEHYDE		25.00%
INERT INGREDIENTS		<u>75.00%</u>
TOTAL		100.00%

KEEP OUT OF REACH OF CHILDREN
DANGER

STATEMENT OF PRACTICAL TREATMENT

In case of eye contact, flush with water immediately for at least 15 mins. Seek medical attention. If on skin, wash with water thoroughly. Seek medical attention. If swallowed, drink at least two glasses of water. Do not induce vomiting. Call for medical help immediately. If inhaled, remove to fresh air. If breathing is difficult, administer oxygen. If symptoms persist, call a physician. Wash contaminated clothing before reuse.

NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage.

WASH THOROUGHLY AFTER HANDLING.

PHYSICAL PROPERTIES

Specific Gravity @20/20°C	1.016	Soluble in Water at 20°C	Complete
Vapor Pressure at 20°C	15mm Hg	pH at 25°C	3.0 to 4.5
Freezing Point	-21°C		

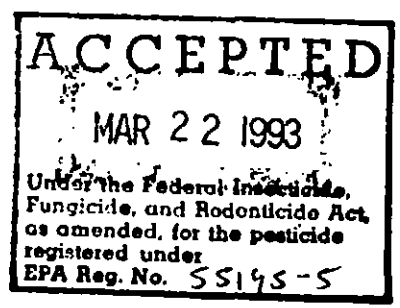
NET CONTENTS: 50 GALLONS

EPA REG. NO. 55195-

EPA EST. NO. 8903-12-00-01

CHAMPION TECHNOLOGIES, INC.
115 PROCTOR
ODESSA, TEXAS 79762

COLDCIDE-25- Trademark of
COLCIDE INC.
11500 WEST HILL DRIVE
ROCKVILLE, MD 20852



MADE IN U.S.A.



PRECAUTIONARY STATEMENTS:

DANGER

Hazard to Humans and Domestic Animals

Keep out of Reach of Children

CORROSIVE. Causes eye and skin damage. Do not get in eyes, on skin, or on clothing. Wear safety glasses and rubber gloves when handling. Harmful if swallowed. Avoid contamination of food. Avoid reuse of unwashed disinfectant soaked gloves. Avoid inhalation - use in ventilated area.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish. Do not apply in marine and/or estuarine oil fields. Do not discharge effluent containing this active ingredient into lakes, streams, ponds, estuaries, oceans or public waters unless this product is specifically identified and addressed in an NPDES permit. Do not discharge effluent containing this product to sewer systems without previously notifying the sewage treatment plant authority. For guidance, contact your State Water Board or Regional Office of the EPA.

STORAGE AND HANDLING:

COLDCIDE-25 solutions are corrosive to many commonly used materials such as steel, galvanized iron, aluminum, tin and zinc. These solutions can be stored and handled in baked phenolic lined steel, polyethylene, stainless steel or reinforced epoxy-plastic equipment. This product freezes at about -21°C (-6°F). Therefore, unless storage tank is inside or underground, heating and insulation may be required. If heating is needed, exposure to high temperatures should be avoided. For short storage times (up to about 1 month), temperatures of up to 100°F can be tolerated but preferred maximum storage temperature is about 80°F. A stainless steel centrifugal pump is suggested for transfer service. Asbestos is suitable for gaskets and packing.

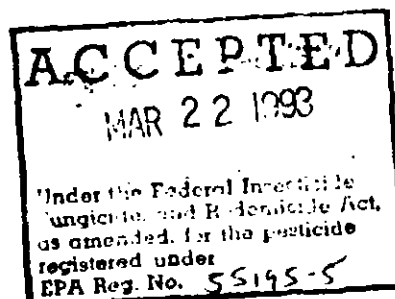
STORAGE AND DISPOSAL:

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

Store in cool, well ventilated area. Open dumping is prohibited. Pesticide wastes are toxic. Improper disposal of excess pesticide, or rinsate is a violation of Federal Law. If these wastes can not be disposed of by use according to label instructions, contact your State Pesticide or your Environmental Control Agency, or Hazardous Waste representative at the nearest EPA Regional Office for guidance.

Container disposal: Containers should be triple rinsed (or equivalent). Then offer for recycling or reconditioning or puncture and dispose of in a sanitary landfill or other procedures approved by state and local authorities.

HEALTH	3
FIRE	0
REACTIVITY	0
PERSONAL PROTECTION	_____



BEST AVAILABLE COPY

ACCEPTED
MAR 22 1993
Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
ColdCide-25 is a pesticide
registered under
EPA Reg. No. 55145-5

RIGHT PANEL - COLDCIDE-25

REVISED 02-18-1993

DIRECTIONS FOR USE:

It is a violation of U.S. Federal Insecticide, Fungicide, and Rodenticide Act to use this product in a manner inconsistent with its label.

ENHANCED OIL RECOVERY: Inject ColdCide-25 directly from drum to control bacteria following injection of miscible solvent, oil displacement chemicals or carbon dioxide. Dosage may be 25 to 5000 ppm (Adjust metering flow rate to deliver 0.1 to 21.0 gallons ColdCide-25 to 100 barrels of diluent). The lower concentration for continuous treatment, the higher for periodic batch.

For repressuring depleted oil or gas zones continuous injection of ColdCide-25 at 25 to 75 ppm (0.1 to 0.3 gallons ColdCide-25 per 100 barrels diluent) into fresh or salt water should be adequate.

WATER FLOODS: COLDCIDE-25 Microbiocide should be added to a water flood system at a point of uniform mixing such as the area of addition of make up water to the holding tank.

Initial Treatment: When the system is noticeably contaminated, add 100 - 400 ppm gallons ColdCide-25 Microbiocide (0.10 to 0.40 gallons ColdCide-25 per 1000 gallons flood water) weekly. Repeat until control is achieved.

Subsequent Dose: When microbial control is evident, add 20 to 200 ppm ColdCide-25 Microbiocide (0.02 TO 0.20 gallons ColdCide-25 per 1000 gallons flood water) weekly, or as needed to maintain control.

DRILLING MUDS: COLDCIDE-25 Microbiocide should be added to a drilling fluid system at a point of uniform mixing such as a circulating tank.

Initial Treatment: Add 50 - 2000 ppm ColdCide-25 (0.2 to 8.4 ColdCide-25 gallons per 100 barrels of fluid) to a freshly prepared drilling fluid depending on the severity of contamination.

Maintenance Dosage: As the total volume of the system increases due to increased well depths, maintain 50 - 2000 ppm ColdCide-25 Microbiocide level by adding 0.2 to 8.4 gallons of ColdCide-25 per 100 gallons of additional fluid, or as needed, depending on the severity of contamination.

COMPLETION AND WORKOVER FLUIDS: COLDCIDE-25 Microbiocide should be added to a completion and workover fluid at a point of uniform mixing such as circulating tank. Add 50 - 2000 ColdCide-25 (0.2 to 8.4 gallons ColdCide-25 per 100 barrels of fluid) to freshly prepared fluid depending on the severity of contamination. Circulate the workover fluid system until the fluid returns clean, shut the system down and idle for several hours. Remove all workover fluid. The well should be ready for productive use.

PACKER FLUIDS: COLDCIDE-25 Microbiocide should be added to a packer fluid at a point of uniform mixing such as circulating holding tank. Add 50 -2000 ppm ColdCide-25 Microbiocide (0.2 to 8.4 gallons ColdCide-25 per 100 barrels of fluid) to a freshly prepared fluid depending on the severity of contamination. Seal the treated packer fluid in the wall between the casing and production tube.

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IN A CHEMICAL EMERGENCY CALL CHEMTREC 1-800-424-9300
BEFORE USING CONSULT MATERIAL SAFETY DATA SHEET