

PM 31 69468-2

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US ENVIRONMENTAL PROTECTION AGENCY OFFICE OF PESTICIDES PROGRAMS REGISTRATION DIVISION (TS-767) WASHINGTON, DC 20460	EPA REGISTRATION NO.	DATE OF ISSUANCE
	69468-2	NOV 20 1995
NOTICE OF PESTICIDE: <input checked="" type="checkbox"/> REGISTRATION <input type="checkbox"/> REREGISTRATION (Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended)	TERM OF ISSUANCE	
	NAME OF PESTICIDE PRODUCT	
ARCO FAST 49W Micorbiocide		

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

Arco Alaska, Inc.  
 700 G Street  
 Anchorage, AK 99510

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 of your product under FIFRA section 3(c)(5) when the Agency requires all registrants of similar products to submit such data.
2. Make the labeling changes listed below before you release the product for shipment:
  - a. Add the phrase "EPA Registration No. 69468-2."
  - b. Delete the statement, "Formaldehyde is a primary skin sensitizing agent which may cause allergic contact dermatitis. Inhalation studies in test animals have produced an excess of tumors from the product labeling. These claims must be supported by the submission of a dermal sensitization study and an acute inhalation study to the Agency for our review. These statements do not appear on the referenced product labeling, EPA Reg. No. 8133-31."

ATTACHMENT IS APPLICABLE

**BEST AVAILABLE COPY**

SIGNATURE OF APPROVING OFFICIAL	DATE
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A stamped copy of the label is enclosed for your records.

Sincerely,

Marion J. Johnson  
Product Manager 31  
Antimicrobial Program Branch  
Registration Division (7505C)

Enclosures

## ARCO FAST 49W MICROBIOCIDE

FOR USE IN CONTROLLING SULFATE-REDUCING BACTERIA IN OIL WELL DRILLING AND OIL FIELD PROCESSING, AND WATER FLOOD APPLICATION.

## Active Ingredient:

Formaldehyde	48.6%
Inert Ingredients	51.4%

<b>TOTAL</b>	<b>100.0%</b>
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(Contains Methanol)

## KEEP OUT OF REACH OF CHILDREN

2 skull &amp; x-bones located on either side of Danger

DANGER Danger &amp; Poison in RED

POISON

**POTENTIAL CANCER HAZARD** based on animal data and limited epidemiological evidence. May cause allergic skin reaction, reproductive disorders, lung damage, liver damage, kidney damage, brain and nervous system damage.

## STATEMENT OF PRACTICAL TREATMENT

**IF INHALED:** Remove to fresh air. If breathing has stopped, give artificial respiration, preferably mouth-to-mouth. If breathing is difficult, give oxygen. Call a physician.

**IN CASE OF CONTACT:** Immediately flush eyes or skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Call a physician. Wash clothing before re-use. Discard contaminated leather clothing.

**IF SWALLOWED:** Drink large quantities of water. Avoid alcohol. Call a physician immediately.

**Note to Physician:** Probable mucosal damage may contraindicate the use of gastric lavage.

## SEE LEFT SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

Net Weight (lbs)	480
Net contents (U.S. gals.)	55

ACCEPTED  
WITH COMMENTS

MANUFACTURED FOR:  
ARCO Alaska, Inc.  
700 G Street  
Anchorage, AK 99510-0360

NOV 20 1995

EPA EST. No. 08785-WA-001

EPA REG. No. 69468-2

**PRECAUTIONARY STATEMENTS**

**DANGER**

**HAZARDS TO HUMANS  
AND DOMESTIC ANIMALS**

Corrosive. Causes eye damage and skin irritation. Methanol may cause blindness. Harmful or fatal if swallowed. **DO NOT** get in eyes, on skin or on clothing. Avoid contamination of food. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse. Vapors harmful. Avoid breathing spray, mist or vapors. Wear a NIOSH/MSHA respirator approved for formaldehyde exposure, chemical resistant boots or shoe covers, chemical resistant gloves and goggles (if a full face respirator is not used) when handling.

~~Formaldehyde is a known human carcinogen. It is also a known animal carcinogen. Studies in laboratory animals have produced an excess of tumors. Users should consider the possibility that over exposure to the active ingredient may pose a cancer risk.~~ Formaldehyde is considered an occupational carcinogen by OSHA and users should be aware of the occupational exposure standard PEL (Permissible Exposure Limit) of 0.75 ppm.

**ENVIRONMENTAL HAZARDS**

This pesticide is toxic to fish. **DO NOT** discharge effluent containing this active ingredient 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 into sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

**PHYSICAL AND CHEMICAL HAZARDS**  
Do not use or store near heat or open flames.

**IN CASE OF FIRE:** Use CO<sub>2</sub> or dry chemical for small fires, alcohol type aqueous film forming foam or water spray for large fires. Use water spray to cool fire exposed containers. Wear self-contained breathing apparatus and complete personal protective equipment when potential for exposure to vapors or products of combustion exists.

**IN CASE OF SPILL:** Clean up immediately. Place leaking containers in well ventilated area. Eliminate ignition sources. To clean up spills, flush area sparingly with water or use absorbent. Avoid run-off to storm sewers and ditches leading to natural waterways. Neutralize with ammonium hydroxide or sodium hydroxide.

**Do not allow access to treated areas by any person unless provided with a respirator approved by NIOSH/MSHA for formaldehyde exposure unless the formaldehyde vapor level has been determined to be below 0.75 PPM. Warning signs may be removed only after the vapor level drops below 0.75 PPM as determined by Drager Multi Gas Detector and a 0.5 - 10 PPM formaldehyde tube (or equivalent system) in accordance with the manufacturer's instructions.**

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**DIRECTIONS FOR USE**

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

**ENHANCED OIL RECOVERY:** Inject **ARCO FAST 49W** full strength to control bacteria in conjunction with the injection of miscible solvent, oil displacement fluids, including produced water, or carbon dioxide. Dosage in the target area may be 25 - 5000 ppm of active ingredient in either continuous treatment or slug applications.

For repressuring depleted oil or gas zones continuous injection of **ARCO FAST 49W** at 25 - 100 ppm into fresh or salt water should be adequate.

For preserving drilling fluids, work-over fluids or water based packer fluids 100 - 500 ppm of **ARCO FAST 49W** will be adequate.

For batch treating the annulus of producing oil wells, 1 - 5 gallons of **ARCO FAST 49W** can be flushed down the annulus weekly with produced fluids.

For treatment of injection water, inject **ARCO FAST 49W** full strength to attain concentrations of 200 - 500 ppm of active ingredient in target areas on a continuous basis or in slug treatment.

**USE AS HYDROGEN SULFIDE SCAVENGER (NON-BIOCIDAL):** This product may also be used as a hydrogen sulfide scavenger in oil field processing and refining operations. For hydrogen sulfide scavenging applications, inject **ARCO FAST 49W** full strength to attain concentrations of up to 500 ppm of active ingredient in target areas on a continuous basis or in slug treatment.

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**STORAGE AND DISPOSAL**

**STORAGE:** Do not contaminate water, food or feed by storage or disposal. Should be stored apart from other combustibles, acids or oxidizing agents. Storage facilities should be non-combustible.

- Keep lights, fire and sparks away from container.
- Keep closure up to prevent leaking.
- Keep container closed.
- Keep out of sun and away from heat.
- Never use pressure to empty.
- Always handle in upright position.
- Never add other material to container
- Make certain closure is securely closed before moving
- Loosen closure carefully.
- Store in a cool place.
- Ground container before emptying.
- Never roll a container.

**PESTICIDE DISPOSAL:** Do not contaminate water, food or feed by 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 according to label instructions, contact your State Pesticide or Environmental Control Agency, or Hazard Waste representative at nearest EPA Regional Office for guidance.

**CONTAINER DISPOSAL:** Completely empty drum, then, dispose of empty drum in accordance with Federal, State or Local regulations.

After this container has been emptied, it may contain explosive vapors. Keep away from heat, sparks, and flames. Do not cut, puncture, or weld on or near this container when empty.

**SPILL CLEAN UP REQUIREMENTS:** Should a spill occur, contaminated soil and other clean up debris is a hazardous waste. If a reportable quantity is exceeded, report spill/leak to the National Response Center (800-424-8802). Reportable quantity (RQ) for formaldehyde is 100 pounds.

**PHYSICAL PROPERTIES**

Specific Gravity	1.06	Solubility in Water @ 20 C	Complete
Pounds per Gallon	8.82	Flash Point	~100° F
Vapor Pressure	40 mm Hg	pH	3.0-5.0

**CHEMICAL EMERGENCY CALL ARCO Alaska Inc. at 1-907-265-6136 OR  
CHEMTREC AT 1-800-424-9300  
BEFORE USING CONSULT MATERIAL SAFETY DATA SHEET**

To request a Material Safety Data Sheet, please call (907) 265-6136, or write ARCO Alaska, Inc. P.O.Box 100360, Anchorage, AK 99519-0360.

ARCO Alaska, Inc. assumes no responsibility when this product is not used in accordance with the instructions contained on this label.

<b>HEALTH</b>	<b>3</b>
<b>FIRE</b>	<b>2</b>
<b>REACTIVITY</b>	<b>1</b>
<b>PERSONAL PROTECTION</b>	<b>—</b>

Shipping: Formaldehyde Solution, Flammable,3, UN1198, PGIII, RQ

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WITH COMMENTS*

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