

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



United States  
Environmental Protection  
Agency

**Office of Pesticide Programs**

Akzo Nobel Surface Chemistry LLC  
525 W Van Buren Street  
Chicago, IL  
60607-3823

SEP 10 2010

Attention: Robert M. Sielaty

**Subject: ARMOHIB B-101**  
EPA Registration No: 34688-67  
Notification Dated August 10, 2010

This will acknowledge receipt of your Notification to update the container handling statement per PR Notice 2007-4 and make other minor changes to the product label, submitted under the provision of FIFRA Section 3(c)(9).

**Proposed Notification:**

Revise label per PR Notice 2007-4 and additional minor changes

**General Comments:**

Based on a review of the submitted material, the following comments apply:

The Notification dated August 10, 2010 is in compliance with PR Notice 98-10 and is acceptable. This information has been added to your file

If you have any questions concerning this letter, please contact Zebora Johnson at (703) 308-63417.

Sincerely

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

Marshall Swindell  
Product Manager (33)  
Regulatory Management Branch I  
Antimicrobial's Division (7501P)

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

**toXcel**

**Toxicology & Regulatory Affairs**  
**P.O. Box 363**  
**7140 Heritage Village Plaza**  
**Gainesville, VA 20156**  
**USA**

**Phone: (703) 335-5670**

**Fax: (703) 310-6950**

**HAND-DELIVER**

**August 10, 2010**

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

RE: Notification - Updated Label for ARMOHIB B-101  
EPA Reg. Nos. 34688-67

Dear Sir/Madam:

On behalf of Akzo Nobel Surface Chemistry LLC of Chicago, Illinois, we are submitting a notification to update the label according to PR Notices that have been issued since 1992, as well as to conform to requirements from the label review manual and the Reregistration Eligibility Decision dated September 2007. In particular, we are notifying the Agency of label changes required by PR Notice 2007-4. This notification is consistent with the guidance in PR Notice 2007-4 and the requirements of EPA's regulations at 40 CFR 156.10, 156.140, 156.144, 156.146, and 156.156. No other modifications are proposed.

The following documents are enclosed:

- 1) An application (EPA Form 8570-1)
- 2) Two copies of the Label
- 3) One copy of the label with changes highlighted
- 4) CD with pdf versions of the current stamped-accepted label (dated 7/7/1992) and the proposed updated label

We request a stamped-accepted label for the purpose of obtaining State registrations. Please contact me immediately if you have any questions regarding this notification at [Robert.Sielaty@toxcel.com](mailto:Robert.Sielaty@toxcel.com).

Sincerely,



Robert M. Sielaty

Authorized Representative for Akzo Nobel Surface Chemistry LLC

cc: Susan Feeser (Akzo Nobel Surface Chemistry LLC)

August 10, 2010

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# ARMOHIB B-101

Microbiocide for use in well completions, workover, stimulation fluids, petroleum transportation systems, storage systems and surface equipment  
For Use in Closed Delivery Systems Only

## ACTIVE INGREDIENTS

1-(Alkyl\*-amino)-3-aminopropane diacetate 32%  
(\*alkyl as in fatty acids of coconut oil)

## INERT INGREDIENTS

68%  
**TOTAL 100.0%**

This Product Contains Methanol

**POISON**



**KEEP OUT OF REACH OF CHILDREN  
DANGER**

## FIRST AID

### IF IN EYES

- Hold eye open and rinse slowly and gently with water for 15-20 minutes.
- Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.
- Call a poison control center or doctor for treatment advice

### IF ON SKIN OR CLOTHING

- Take off contaminated clothing.
- Rinse skin immediately with plenty of water for 15-20 minutes.
- Call a poison control center or doctor for treatment advice.

### IF SWALLOWED

- Call a poison control center or doctor immediately for treatment advice.
- Have person sip a glass of water if able to swallow.
- Do not induce vomiting unless told to do so by the poison control center or doctor.
- Do not give anything by mouth to an unconscious person.

### IF INHALED

- Move person to fresh air.
- If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferable by mouth-to-mouth, if possible.
- Call a poison control center or doctor for further treatment advice.

## HOT LINE NUMBER

**Note to Physician:** Have the product container or label with you when calling a poison control center, or doctor, or going for treatment. You may also call 1-914-693-6946 day or night for emergency medical treatment information. **For Chemical Emergency Spill, Leak, Fire, Explosive, or Accident Call CHEMTREC—Day or Night 1-800-424-9300**

**See Side Panel For  
Additional Precautionary Statements.**  
Manufactured by:

**AKZO NOBEL SURFACE CHEMISTRY LLC**  
525 W Van Buren St  
Chicago, IL 60607-3823

EPA Establishment No. 67  
EPA Registrations No. 34688-67

NET WEIGHT: GAL

August 10, 2010

**PRECAUTIONARY STATEMENTS**  
**Hazards to Humans and Domestic Animals**

**DANGER**

Corrosive. Causes irreversible eye damage and skin burns. Methanol may cause blindness. Do not get in eyes, on skin, or on clothing. Harmful if inhaled. Avoid breathing vapor or spray mist. Wear chemical goggles, face shield, rubber gloves and protective clothing (hats, long sleeve shirt, long pants and boots) when handling. May be fatal if swallowed. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco. Remove and wash contaminated clothing before reuse. Do not contaminate food. Keep away from heat, sparks, and open flame. Keep container closed.

**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.

**PERSONAL PROTECTIVE EQUIPMENT (PPE)**

All industrial workers applying and handling this product must wear coveralls over a long-sleeved shirt and long pants, shoes, socks, and chemical-resistant gloves. It must be applied using a closed delivery system such as a dry coupling and/or metering pump.

**PHYSICAL AND CHEMICAL HAZARDS**

Flammable. Keep away from heat and open flames.

**DIRECTIONS FOR USE**

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

**SUBSURFACE INJECTION WATERS**

For control of algae, slime forming and free living aerobic and anaerobic bacteria, slug treat at a rate of up to 500 ppm of product or 21 gallons per 1000 barrels of water being injected for up to about six hours as needed to achieve control. Repeat treatment about every seven days or as needed to maintain control.

For continuous treatment, up to 200 ppm of product or 8.4 gallons per 1000 barrels of water being injected can be used initially to achieve control. Maintenance levels can be up to 100 ppm of product or 4.2 gallons per 1000 barrels of water being injected. Levels of effective control may vary depending upon the severity of the bacteria problem.

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### Well Completions, Workover and Simulation Fluids

For control of algae, slime forming and free living aerobic and anaerobic bacteria normal dosage levels of up to 1 gallon of product per 1000 gallons of fluid are used. For extreme contamination dosage levels as high as 2 gallons of product per 1000 gallons can be used. In packer fluids, normal dosages of up to 100 ppm of product in 4.2 gallons per 1000 barrels of fluid are used, and in severe cases as high as 200 ppm of product or 8.4 gallons per 1000 barrels of fluid can be used.

### Petroleum Transportation Systems, Storage Systems and Surface Equipment

To control bacteria in crude oil pipelines, slug dose with up to 5 gallons of product per diameter inch per mile of pipeline. The appropriate dosage depends on the severity of the problem. Repeat treatment weekly or as needed until bacteria are under control.

To control bacteria in water used for hydrostatic testing and in treatment of water storage in crude oil storing facilities, up to 100 ppm of product or 4.2 gallons per 1000 barrels of fluid can be used. This water should not be discharged into lakes, streams, ponds, public waters or in the sea. Disposal should be in subsurface injection systems.

### DO NOT APPLY IN MARINE AND/OR ESTUARINE OIL FIELDS

## STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage, disposal or cleaning equipment. In case of spill or leak eliminate all ignition sources. Observe handling instruction given to prevent eye damage and skin burns.

**PESTICIDE STORAGE:** Store drums in a sheltered area away from heat and cold. Use approved equipment for transferring drums to avoid puncturing and rupturing of the container. Do not air pressure to transfer.

**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.

### CONTAINER HANDLING:

**Nonrefillable container. Do not reuse or refill this container.**

**Metal Containers:** Triple rinse (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container  $\frac{1}{4}$  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. Then offer for recycling if available, or puncture and dispose of in a sanitary landfill, or incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke. Consult federal, state or local disposal authorities for approved alternative procedures.