

ALPHA 139

ACTIVE INGREDIENT:

Potassium dimethyldithiocarbamate 9.0

INERT INGREDIENTS (contains methanol) 91.0

This product contains 0.73 lb. of active ingredient per gallon and weighs 8.1 lb. per gallon.



**KEEP OUT OF REACH OF CHILDREN
DANGER**



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

DANGER. Contains methanol, which may cause blindness. Harmful or fatal if swallowed. Vapor is harmful. Avoid breathing spray mist or vapors. Causes eye damage and skin irritation. Do not get in eyes, on skin, or on clothing. Wear goggles or face shield and rubber gloves when handling.

STATEMENT OF PRACTICAL TREATMENT In case of skin contact, wash with plenty of soap and water. Remove contaminated clothing and wash before reuse. If product gets in the eyes, flush immediately with copious amounts of clean, cool water for at least 15 minutes. Get medical attention immediately. If product is swallowed, call a physician immediately. If patient is conscious, induce vomiting by stroking or tickling the patient's throat or far back on patient's tongue. Emetics such as 2 teaspoonful (10 mL) of ipecac syrup or 1 teaspoonful (5 mL) of dry mustard in warm water to form a paste or even soap in warm water can be used. Repeat until vomit fluid is clear. Then have patient drink plenty of milk, gelatin solution, beaten egg whites, flour and water, or other nonoily drink. **Never induce vomiting or give anything by mouth to an unconscious person.** Note to physician: Probable mucosal damage may contraindicate gastric lavage.

ENVIRONMENTAL HAZARDS. This pesticide is toxic to fish. Do not apply in marine and/or estuarine and fields. Do not discharge treated effluent into lakes, streams, ponds, or public waters unless in accordance with a NPDES permit. For guidance, contact your Regional Office of the Environmental Protection Agency.

PHYSICAL AND CHEMICAL HAZARDS: Flammable. Keep away from heat or open flame.

ACCEPTED
with comments

In EPA Letter 10/1/83

Manufactured by:

Unichem International, Inc.

P. O. Box 1499

Hobbs, NM 88240

SEP 21 1983

EPA REG. NO.

EPA EST. NO.

NET CONTENTS

**DIRECTIONS FOR USE
GENERAL CLASSIFICATION**

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

ALPHA 139 is used in industrial and/or commercial recirculating cooling tower systems and industrial air-washing systems to control microbiological slime. Prior to the use of **ALPHA 139** in industrial and/or commercial recirculating cooling tower systems, systems should be cleaned to remove algal growth, microbiological slime, and other deposits. Then make an initial slug addition of 14 to 21 fl. oz. of **ALPHA 139** per 1000 gal. of water to provide 110 to 165 ppm of **ALPHA 139**, based on total weight of water in the system. Repeat initial dosage until control is evident. Make subsequent slug addition of 7 to 21 fl. oz. of **ALPHA 139** per 1000 gal. of water (55 to 165 ppm **ALPHA 139**) every 2 to 5 days or as needed. The frequency of addition depends upon the relative amount of bleedoff and the severity of the microbiological problem. Slug additions should be made in the sump of recirculating cooling tower systems.

ALPHA 139 is used in industrial air-washing systems which maintain effective mist-eliminating components. Prior to its use, systems should be cleaned to remove bacterial slime and other deposits. An initial slug dose of 33 to 43 fl. oz. of **ALPHA 139** per 1000 gal. of water is recommended. Repeat initial dosage until control is evident. Subsequent slug additions of 25 to 43 fl. oz. of **ALPHA 139** per 1000 gallons of water should be employed every 1 to 5 days, or as needed. The frequency of addition depends upon the relative amount of bleedoff and severity of the bacterial problem. Slug additions may be made to the sump or the water collection trays of the airwash system.

ALPHA 139 is used to control both aerobic and anaerobic bacteria, including sulfate-reducing organisms, in petroleum secondary recovery waterflooding operations. In systems fouled with microbiological deposits, **ALPHA 139** should be added as a slug dose to provide a concentration of 44 to 88 ppm (6 to 12 fl. oz. of **ALPHA 139** per 1000 gal. of water treated). This should be followed by a continuous addition of **ALPHA 139** employing a chemical-metering pump to maintain a concentration of 44 ppm, based on total weight of water treated. Both slug additions and continuous addition of **ALPHA 139** should be made at the heater-treater dump, gathering lines, or receiving tanks. Addition should always be made upstream to the filter.

ALPHA 139 is also used to inhibit the growth of fungi and bacteria in water-based drilling muds, completion fluids, packer fluids, and other water-based drilling fluids containing starch, gums, sugars, or other organic materials. For these purposes **ALPHA 139** is added at rates of 4 to 21 gal. per 100 barrels of fluid (0.095 to 0.5% by volume).

STORAGE AND DISPOSAL

PROHIBITIONS: Do not contaminate water, food, or feed by storage or disposal. Open dumping is prohibited. **PESTICIDE DISPOSAL:** Pesticide, spray mixture, or residue that cannot be used or chemically reprocessed should be disposed of in a landfill approved for pesticides, or buried in a safe place away from water supplies.

CONTAINER DISPOSAL

METAL: Triple rinse (or equivalent) and offer for recycling, reconditioning, or disposal in an approved landfill or bury in a safe place. Containers over 30 gallons should be resealed before offering for reconditioning. **PLASTIC:** Containers under 30 gallons must not be reused but should be triple rinsed and disposed of in an incinerator or landfill approved for pesticide containers or buried in a safe place. Containers over 30 gallons are to be resealed and offered for reconditioning or triple rinsed (or equivalent) and offered for recycling, reconditioning, or disposal in an approved landfill or buried in a safe place.

GENERAL: Consult Federal, State, or Local disposal authorities for approved alternative procedures.

U.S. ENVIRONMENTAL PROTECTION AGENCY OFFICE OF PESTICIDES PROGRAMS REGISTRATION DIVISION (WH-567) WASHINGTON, D.C. 20460		EPA REGISTRATION NO. 10689-42	DATE OF ISSUANCE 21 SEP 1983
NOTICE OF PESTICIDE: ☐ REGISTRATION ☐ REREISTRATION (Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended)		TERM OF ISSUANCE 21 SEP 1983	
NAME AND ADDRESS OF REGISTRANT (Include ZIP code) GULFstream INTERNATIONAL, INC. P.O. BOX 1400 MOBILE, AL 36688		NAME OF PESTICIDE PRODUCT ALPHALIN	
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 endorsement 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)(F) provided that:			
1. The registrant agrees to submit to the Agency for registration/reregistration of your product under FIFRA Sec. 3(c)(7)(F) when the Agency requires all registrants of similar products to submit such data.			
2. The labeling changes listed below before you release the product for shipment:			
a. Change the product name to ALPHALIN, EPA Reg. No. 10689-42.			
b. Delete the statement "This product is conditionally registered" and the statement "It is not to be used in any manner inconsistent with its label."			
c. Delete the statement "This product is conditionally registered" and the statement "It is not to be used in any manner inconsistent with its label."			
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TS-767C:JLee:DCR-11918;WANG-0024C:KIM:Raven:479-2013:9/07/83			
☐ ATTACHMENT IS APPLICABLE			
SIGNATURE OF APPROVING OFFICIAL		DATE	