

HYDRO-SOL 42

ACCEPTED
with COMMENTS
in EPA Letter D-101

SEP 21 1983

ACTIVE INGREDIENT:

2-(Thiocyanomethylthio)benzothiazole

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No. ...30%

INERT INGREDIENTS

1791-36 70%

**KEEP OUT OF REACH OF CHILDREN
DANGER**

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER: Causes irreversible eye damage. Causes skin irritation. This product may cause allergic skin reactions. Harmful if swallowed. Do not get in eyes, on skin, or on clothing. Wear goggles or face shield and rubber gloves when handling. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

STATEMENT OF PRACTICAL TREATMENT: *If in eyes,* flush with plenty of water. Get medical attention. *If on skin,* wash with plenty of soap and water. Get medical attention. *If swallowed,* drink promptly a large quantity of milk, egg whites, gelatin solution or, if these are not available, drink large quantities of water. Avoid alcohol. Get medical attention.

Note to physician: Probable mucosal damage may contraindicate gastric lavage.

ENVIRONMENTAL HAZARDS: This pesticide is toxic to fish. Do not use in offshore or estuarine drilling operations. Do not discharge into lakes, streams, ponds, or public waters unless in accordance with a NPDES Permit. For guidance, contact the regional office of the Environmental Protection Agency.

PHYSICAL AND CHEMICAL HAZARDS: Do not use or store near heat or open flame.

Manufactured by:
North Coast Chemical Co., Inc.
5300 17th Avenue, S
Seattle, WA 98108

EPA REG. NO.

EPA EST. NO.

NET CONTENTS

DIRECTIONS FOR USE

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

COOLING TOWERS: HYDRO-SOL 42 is used to protect cooling tower wood against soft or surface rot and internal or dry rot. It is applied by spraying or painting a dispersion containing 0.5 to 0.7% HYDRO-SOL 42 in water onto the clean wood surfaces. The amount applied should provide 0.6 to 0.8 lb. HYDRO-SOL 42 per 1000 ft.² of wood surface. Soft or surface rot can also be inhibited by periodic shock doses of HYDRO-SOL 42

to the recirculating cooling water at the tower basin or cold well. The dosage should provide 1.25 lb. of HYDRO-SOL 42 per 1000 gal. of water, and the bleedoff should be stopped for 4 to 6 hr. after treatment. The shock treatment should be repeated every four months.

COOLING WATER: HYDRO-SOL 42 is used to control algae, bacteria, and fungi in industrial recirculating cooling water systems. Before treatment is begun, the system should be cleaned thoroughly to remove old algal growth, microbial slime, and other deposits. System should then be drained, flushed, refilled with water, and treated with an initial dose of 0.6 to 3.7 fl. oz. of HYDRO-SOL 42 per 1000 gal. water in the system. Subsequent additions of 0.2 to 1.2 fl. oz. per 1000 gal. should be made every 1 to 5 days, depending on amount of bleedoff and severity of microbiological fouling.

DRILLING FLUIDS: To inhibit bacterial and fungal degradation of the fluids or muds used in the drilling of wells, HYDRO-SOL 42 is incorporated in the drilling fluid at concentrations of 0.05 to 0.25% based on the total wet weight of the fluid.

PETROLEUM SECONDARY RECOVERY: HYDRO-SOL 42 is used to control sulfate reducing bacteria, slime forming bacteria and fungi in oil-field water, polymer, or micellar floods, water disposal systems, and other oil-field water systems at dosage rates of 0.2 to 1.2 fl. oz. of HYDRO-SOL 42 per 1000 gal. of water treated. Additions should be made continuously or intermittently by means of a metering pump at the free water outlets, before or after injection pumps and injection well headers. **Continuous Feed Method:** When system is noticeably fouled, add 0.6 to 3.7 fl. oz. of HYDRO-SOL 42 per 1000 gal. of water continuously until desired degree of control is achieved. Then treat with 0.2 to 1.2 fl. oz. of HYDRO-SOL 42 per 1000 gal. of water continuously, or as needed to maintain control. **Intermittent or Slug Method:** When system is noticeably fouled, or to maintain control, add 0.6 to 3.7 fl. oz. of HYDRO-SOL 42 per 1000 gal. of water for 4 to 8 hr. per day and 1 to 4 times per week, or as needed to maintain control.

CUTTING FLUIDS: HYDRO-SOL 42 is used to inhibit bacterial and fungal degradation of water based and water soluble or emulsifiable cutting fluids and coolants used in metalworking operations. It should be added to the cutting fluid at a rate that will provide 2.5 to 250 parts per million (weight/weight) after final dilution with water. HYDRO-SOL 42 can be added after the dilution or can be added to the concentrate before dilution at a rate of 125 to 1250 parts per million in order to provide the required concentration in the diluted fluid.

STORAGE & DISPOSAL

PROHIBITIONS: Do not contaminate water, food, or feed by storage or disposal. Open dumping is prohibited. Do not reuse empty container.

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: Triple rinse (or equivalent) and dispose in an incinerator or landfill approved for pesticide containers, or bury in a safe place.

GENERAL: Consult Federal, state or local disposal authorities for approved alternative procedures such as limited open burning.

U.S. ENVIRONMENTAL PROTECTION AGENCY
OFFICE OF PESTICIDES PROGRAMS
REGISTRATION DIVISION (WH-567)
WASHINGTON, D.C. 20460

EPA REGISTRATION NO.
1791-36

DATE OF ISSUANCE
21 SEP 1983

TERM OF ISSUANCE

NOTICE OF PESTICIDE: REGISTRATION
 REREГИSTRATION
(Under the Federal Insecticide, Fungicide,
and Rodenticide Act, as amended)

NAME OF PESTICIDE PRODUCT

Pro-301 42

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

North Coast Industrial Co., Inc.
5300 37th Avenue South
Seattle, WA 98108

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)(A) provided that you:

1. Submit and/or cite all data required for registration/reregistration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data.

2. Add the phrase "EPA Registration No. 1791-36" 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 EPA-79 Enclosure for a further description of final printed labeling.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(c). Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records.

[Signature]
John H. Lee
Product Manager (1)
Disinfectants Branch
Registration Division (WH-767C)

ATTACHMENT IS APPLICABLE

SIGNATURE OF APPROVING OFFICIAL

DATE