DIRECTIONS FOR USE

GENERAL CLASSIFICATION

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

STORAGE AND DISPOSAL

Do not store above 130° F (55° C). Keep container tightly closed when not in use. Do not store with strong oxidizing agents.

Do not contaminate water, food, or feed by storage or disposal. Open dumping is prohibited. Any unused product or empty container should be disposed of in a landfill or in a manner approved for this material. Consult the appropriate federal, state and local regulation agencies to ascertain proper disposal procedures.

IN AQUEOUS SYNTHETIC FIBER LUBRICANTS (SPIN FINISHES): To inhibit the growth of bacteria and the formation of bacterial slime in synthetic fiber lubricants (spin finishes) for periods of 2 - 4 weeks during use, add 1250 ppm (1.25 lbs. per 1,000 lbs. of lubricant) of Sodium Omadine® 40% Solution to the diluted lubricant. Sodium Omadine® 40% Solution may be used in lubricant solutions containing 5 - 10% lubricant concentrate (water to lubricant ratios of 20 - 1 to 10 - 1). The Sodium Omadine® 40% Solution should be added to the diluted lubricant in the dilution tank.

IN AQUEOUS METAL COOLANT AND CUTTING FLUID SOlutions (Soluble Oil, Semisynthetic or Synthetic): To inhibit bacterial and fungal growth add an initial dose of 115 ppm Sodium Omadine® 40% Solution (1.15 lbs. Sodium Omadine® 40% Solution to 10,000 lbs. of solution) to the solution and subsequent maintenance doses of 55 ppm (0.55 lb. of Sodium Omadine® 40% Solution per 10,000 lbs. of solution) every 7 - 10 days or as needed. Sodium Omadine® 40% Solution can be used at fluid to water ratios of 1:10 to 1:100. Sodium Omadine® may be added to the fluid at the time it is prepared (diluted) or to the reservoir (sump) containing the fluid after it is put into use. If it is added to the reservoir the fluid should be circulated after addition to ensure mixing. Contaminated fluid systems should be cleaned prior to the initial addition of Sodium Omadine® 40% Solution. Drain the system; clean with a cleaner designed for this purpose; rinse with water and refill with fresh fluid containing Sodium Omadine® 40% Solution (115 ppm). Frequent checks (at least once a week) of the bacterial and fungal population in the system should be made using standard microbiological plate count procedures or any of the commercial "dip-stick" type devices. When the bacterial count reaches 10^7 and/or the fungal count reaches 10^3 organisms per ml add additional Sodium Omadine® 40% Solution according to the above directions. If this does not reduce the bacterial and/or fungal count below the above value in 12 - 24 hrs. the fluid should be discarded and replaced after cleaning the system. Add Sodium Omadine® 40% Solution to the fresh fluid according to the above directions. When adding fresh, diluted fluid to compensate for dragout or other losses, add Sodium Omadine® 40% Solution to the make-up fluid according to the above directions.

SODIUM OMADINE®

40% AQUEOUS SOLUTION

ACCEPTED

JUN 05 1980

Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 1258-843

INDUSTRIAL MICROBIOSTAT

ACTIVE INGREDIENTS:

Sodium 2-pyridinethio-1-oxide*	40.0%
INERT INGREDIENTS	60.0%
TOTAL	100.0%

*Sodium Pyrithione

KEEP OUT OF REACH OF CHILDREN

WARNING

SEE FIRST AID STATEMENT AND ADDITIONAL PRECAUTIONS ON SIDE PANELS

NET CONTENTS:

_____ Gal. _____ oz. (_____ liters)

_____ Lbs. (_____ kg.)

Olin CHEMICALS

SPECIALTY PRODUCTS DEPARTMENT, OLIN CORPORATION
120 LONG RIDGE ROAD, STAMFORD, CONN. 06904

EPA Reg. No. 1258-843 EPA Est. 1258-NY-3

EPA-PA

DIRECTIONS FOR USE

Continued:

FOR SHORT TERM "IN-CAN" PRESERVATION OF VINYL ACETATE LATEX EMULSION: To inhibit bacterial growth in vinyl acetate latex emulsion for a short period of time (1 week) a dosage of 115 ppm Sodium Omadine® 40% Solution (1.15 lbs of Sodium Omadine® 40% Solution per 10,000 lbs. of emulsion) is recommended. It may be added at any time during the formulation procedure.

IN AQUEOUS BASED JET PRINTER INKS: To inhibit the growth of bacteria in alkaline aqueous based jet printer inks for periods up to 4 weeks while the inks are in use a concentration at the time of use of 0.125% w/w Sodium Omadine® 40% Solution is necessary. The amount of Sodium Omadine® 40% Solution to be added at the time of manufacture of the ink to obtain the above concentrations at the time of use will vary with the shelf-life of the ink. The table below shows this relationship.

SHELF-LIFE INK (Months)	SODIUM OMADINE 40% Solution, %
36	1.25
24	0.65
18	0.475
12	0.3125
8	0.25

To inhibit the growth of bacteria in neutral or slightly acid aqueous based jet-printer inks for periods up to 4 weeks while the inks are in use, add 0.75% w/w of Sodium Omadine® 40% Solution to the ink at the time of manufacture. To avoid decomposition of the Sodium Omadine® during the shelf-life of the ink, air-tight packaging must be used. In all cases the Sodium Omadine® 40% Solution may be added to the ink at any point in the manufacturing process.

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS

WARNING: May cause eye and skin irritation. Do not get in eyes, on skin, or on clothing. Wear goggles or face shield and rubber gloves when handling. Harmful if swallowed, inhaled or absorbed through the skin.

FIRST AID
(PRACTICAL TREATMENT)

In case of contact immediately flush eyes or skin with plenty of water for 15 minutes. For eyes call a physician. Remove and wash contaminated clothing before reuse. If swallowed drink promptly large quantities of water, and induce vomiting by sticking finger down the throat. Avoid alcohol. Call a physician.

Note to physician: Convulsions, if persistent, may be controlled by careful intravenous use of short-acting barbiturates.

CHEMICAL HAZARDS

Do not store with or mix with strong oxidizing agents.

ENVIRONMENTAL HAZARDS

This product is toxic to fish and wildlife. Do not discharge into lakes, streams, ponds, or public waters unless in accordance with an NPDES Permit. For guidance contact the regional office of EPA.

SO 40-180

1258-843 06/05/1980 1/1