

97.06.24

ECC INTERNATIONAL

METASOL (R) 300-C

MICROBIOCIDE

GUARANTEE:

Sodium dimethyldithiocarbamate.....15%
Nabam.....15%

COMMERCIAL

CAUTION POISON

READ THE LABEL BEFORE USING

REGISTRATION NO. 18211.08

PEST CONTROL PRODUCTS ACT

NET WEIGHT:

ECC INTERNATIONAL
POST OFFICE BOX 1346
PITTSBURGH, PA 15230

INITIAL DOSE: Apply 1.2 litres of product per each 10,000 litres of water in the system (120 ppm). This dose may be repeated once, twice or three times weekly or as required to control the growth of slime-forming organisms.

SUBSEQUENT DOSE: When microbial control is evident, add 0.2-0.4 litres of Metasol (R) 300-C per 10,000 litres of water (20-40 ppm) in the system every three days or as needed.

AIR WASHERS WITH EFFECTIVE MIST ELIMINATORS

In treating air washer systems preclean by introducing a suitable detergent solution into the system and allow air washer to run with fan off for two hours. Flush. Check all nozzles and manually clean those that are plugged. Add product as specified

under dosages for Cooling Towers.

FEEDING:

Metasol (R) 300-C may be fed directly from the drum or diluted with water and fed by any suitable feed system. Metasol 300-C should be dosed directly into the sump or basin or any other location where good distribution can be assured.

PAPER MILLS

Dosage will vary from 0.05 to 0.5 kg (0.042 to 0.42 litres) of Metasol (R) 300-C per tonne of finished paper depending on the type of stock, complexity of the system, quality of raw water, and type and degree of contamination.

FEEDING:

Metasol 300-C may be drip fed continuously from the drum or fed by suitable chemical pumps such as adjustable proportioning types; variable speed, positive displacement types; or by the reciprocating type. This product should be fed as early as possible in the system at such points including the hydropulper, machine chest or broke system.

DRILLING FLUIDS

Metasol (R) 300-C is a highly effective microbicide for use in controlling the growth of fungi and bacteria found in water based drilling muds. It is especially useful in muds containing starches, xanthanate gums, and wood sugars. The uncontrolled growth of these fungi and bacteria can cause corrosion, undesirable odours, and degradation of the drilling mud, especially fluid loss properties.

Metasol (R) 300-C is used at the rate of 5 to 25 litres per 20,000 litres of mud (0.02% to 0.1%). It can be used directly from the shipping container or prediluted with water. It can be put in through the mud hopper or added to the pump suction.

SECONDARY AND TERTIARY PETROLEUM RECOVERY

Metasol (R) 300-C is a highly effective microbiocide for use in controlling the growth of fungi and bacteria found in secondary and tertiary petroleum recovery waterflood systems.

Metasol (R) 300-C can be injected directly from the shipping container. It should be thoroughly mixed into the produced water, fresh or salt water or commingled water or the secondary or tertiary oil recovery waterflood systems for effective

microorganism control. It may also be diluted with water for injection.

Metasol (R) 300-C is used at the rate of 0.625 litres per 20,000 litres of water for growth inhibition of Bacillus Cereus and Desulfovibrio desulfuricans and 5.5 to 9 litres per 20,000 litres of water for heterotropic bacteria including Pseudomonas. It is also effective against many fungi such as Aspergillus, Penicillium and Trichoderma at the 0.625 litres per 20,000 litres of water.

Information concerning human and environmental exposure may be reviewed on the Material Safety Data Sheet for the product.

For additional information regarding incidents involving human and environmental exposure, call Health and Environmental Affairs at 412-494-8000.

PRECAUTIONARY STATEMENTS

Causes eye and skin irritation. Do not get in eyes, on skin or on clothing. Wear goggles or face shield, rubber gloves and protective clothing (hats, long sleeve shirt, long pants and boots) when handling. Harmful if swallowed. Avoid contamination of food and feedstuffs.

FIRST AID

In case of contact, immediately flush eyes or skin with plenty of water for at least 15 minutes. For eyes, call a physician. Remove and wash contaminated clothing before reuse.

If swallowed, drink promptly a large quantity of milk, egg white, gelatin solution or, if these are not available, drink large quantities of water. Call a physician or Poison Control Centre immediately.

DISPOSAL

1. Rinse the emptied container thoroughly and add the rinsings to treatment site.
2. Follow provincial instructions for any required additional cleaning of the container prior to its disposal.
3. Make the empty container unsuitable for further use.
4. Dispose of the container in accordance with provincial

requirements.

5. For information on the disposal of unused, unwanted product and the cleanup of spills, contact the Provincial Regulatory Agency or the Manufacturer.

NOTICE TO USER:

This controlled product is to be used only in accordance with the directions on this label. It is an offense under the Pest Control Products Act to use a controlled product under unsafe conditions.

HYDROCARBON FLUIDS

Metasol (R) 300-C is a highly effective fungicide and bactericide for use in fuel oil (No. 2 oil, intermediate fuel oil and No. 6 oil), lubricating oil and hydraulic fluids in marine environments.

Metasol (R) 300-C is applied initially at a level of 0.22 litres per 1000 litres of contaminated liquid (300 ppm by weight). Subsequent dosages may be decreased once the contaminants have been brought under control.

TOXICOLOGICAL INFORMATION:

A. Symptoms:

May cause skin, eye, and respiratory tract irritations. May cause skin sensitization reaction. May cause depression, lethargy, and difficulty breathing.

B. Antidote:

Wash skin with soap and water. Flush eyes with copious amounts of water.

If ingested and person is fully alert, induce vomiting by physical means.

When vomiting stops, administer charcoal and cathartic orally.

If inducing of vomiting is unsuccessful, or patient exhibits signs of central nervous system depression, the stomach should be emptied gastric intubation, aspiration and lavage with a slurry of activated charcoal. Include a cathartic to hasten elimination. Caution: Monitor fluid balance and serum electrolytes.

METASOL (R) 300-C

DIRECTIONS

INDUSTRIAL RECIRCULATING WATER COOLING TOWERS
AND EVAPORATIVE CONDENSERS
(NOT FOR USE IN POTABLE WATER)

Dosages for industrial recirculating water cooling towers or evaporative condensers will depend on the condition of the system prior to treatment initiation. Systems which are heavily contaminated should be cleaned first. Apply METASOL (R) 300-C to the cleaned system or when growth is first noticed, according the following schedule:

Made in USA

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