

97.02.04

TRAVIS CHEMICALS

T-358 INDUSTRIAL MICROBIOCIDAL

COMMERCIAL

GUARANTEE:

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

CAUTION POISON

READ THE LABEL BEFORE USING

REGISTRATION NO. 24716
PEST CONTROL PRODUCTS ACT

NET CONTENTS : 210 L
See Markings on Top Of Drum For Net Weight in Kilograms

TRAVIS CHEMICALS
777 - 8TH AVENUE S.W., 19TH FLOOR
CALGARY, ALBERTA
T2P 3R5

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 **T-358** to the cleaned system or when growth is first noticed, according to the following schedule:

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 **T-358** per 10,000 litres of water (20-40 ppm) in the system every three days or as needed.

AIR WASHER 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:

T-358 may be fed directly from the drum or diluted with water and fed by any suitable feed system. **T-358** 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 **T-358** 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:

T-358 may be drip fed continuously from the drum or fed by suitable chemicals 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

T-358 is a highly effective micro-biocide 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 increased corrosion, undesirable odours, and degradation of the drilling mud, especially fluid loss properties.

T-358 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

T-358 is a highly effective micro-biocide for use in controlling the growth of fungi and bacteria found in secondary and tertiary petroleum recovery waterflood systems.

T-358 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.

T-358 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.

HYDROCARBON FLUIDS

T-358 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.

T-358 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.

DISPOSAL:

1. Rinse the emptied container thoroughly and add the rinsings to treatment site.
2. Follow provincial instructions for any required additions 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.

PRECAUTIONARY STATEMENTS:

Causes eye and skin irritation. Do not get in eyes, on skin or on clothing. Wear goggles or face shield and 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 whites, gelatin solution, or if these are not available, drink large quantities of water. Call a physician or Poison Control Centre immediately.

TOXICOLOGICAL INFORMATION

A. Symptoms:

May cause skin, eye, and respiratory tract irritations. May cause skin sensitization reaction. May cause depression, lethargy, and difficult 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 by gastro-intubation, aspiration and lavage with a slurry of activated charcoal. Include a cathartic to hasten elimination. Caution: Monitor fluid balance and serum electrolytes.

NOTICE TO USER: This control 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 control product under unsafe conditions.

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