

## DESCRIPTION

**MARC Sewage System Oil and Grease Dispersant** is effective in "solubilizing" and dispersing oil and grease from wherever it must be removed: settling tanks, digesters, sewer lines, lift stations, bridges, roadways, parking lots, garage floors, bulk oil depots, oil tanks, boiler rooms, pipe lines, refineries, decks, piers, bilges, ponds, lakes, harbors, beaches or any other surface affected by unwanted oils and grease.

**MARC Sewage System Oil and Grease Dispersant** is the chemical that homogenizes oil and grease in water. The oil and grease are dispersed into such minute drops that they can soon be destroyed by the action of bacteria, light and oxygen. Though completing this natural breakdown of both the oil and chemical takes approximately 20 to 30 days, the immediate remains of the oil are no longer in a form to contaminate sewage, lakes, streams, beaches or the surface of water.

**MARC Sewage System Oil and Grease Dispersant** will effectively homogenize and solubilize the oils and greases of petroleum, vegetable, animal, fish, dairy and organic accumulation in sewage.

The formula used in this product enables oil and water to mix.

## DIRECTIONS

As little as 10 gallons of **MARC Sewage System Oil and Grease Dispersant** will solubilize approximately 50 gallons of heavy oil. However, the ratio will vary from 1 part of product to 3 to 5 parts of oil, depending on the nature and consistency of the oil. Crude oil, swept up on a sand beach can easily be removed within 5 minutes, leaving little residue, by spraying the oil with a coarse spray, allowing several minutes contact, then washing the oil from the sand into the sea or lake by means of sea water or lake water applied at a moderate rate from a fire hose. Or, if there is sufficient wave action, allow the waves to wash the oil from the sand.

### FOR APPLYING TO OIL OR GREASE ON WATER

**MARC Sewage System Oil and Grease Dispersant** should be sprayed on the oil through a small diameter hose such as a garden hose. It can be used full strength or mixed at the rate of 1½ or 2 parts water to 1 part product. Any further reduction in the concentration prior to application will result in an incomplete dispersion of the oil. It is recommended that

Net Contents 5 Gallons



# SEWAGE SYSTEM OIL AND GREASE DISPERSANT

## HOMOGENIZER AND SOLUBILIZER

★ **Solves oil and grease  
water pollution problems**

★ **Makes oil and grease  
biodegradable**

An Exclusive Formula of

**M-65**

**MID-AMERICAN RESEARCH CHEMICAL CORP.**  
P. O. BOX 927 · COLUMBUS, NE 68602-0927 · 800-228-8508

## DIRECTIONS (Continued)

a nozzle be used which will break up the solution stream, but not fine enough to atomize the solution and create a mist. As the oil is solubilized it will turn to a muddy brown color. Allow to stand for five to ten minutes to complete the solubilizing, and then forcefully agitate into the water with fire hoses or boat propellers. Even the action of waves or sewage flow will suffice to disperse most or all of the oil over a longer period of time.

For applications at sewage disposal plants, **MARC Sewage System Oil and Grease Dispersant** may be poured or sprayed at any point where there is natural agitation (such as the point of receiving raw influent), or it may be introduced wherever necessary, and mechanically agitated.

For applications such as lift stations where there are heavy accumulations of grease, **MARC Sewage System Oil and Grease Dispersant** should be sprayed or poured over the grease and allowed to remain there between five and ten minutes, after which the grease should be flushed with a fire hose or any power flushing device that would create heavy agitation. The grease will disperse itself into small particles which will readily flow to the sewage treatment plant. Since these grease particles have been treated, they will no longer stick to one another or to other surfaces. The treated grease particles are biodegradable. The application at sewage plant digesters for removing grease caps is the same as the one described above for lift stations. It may be advisable after having treated the grease cap, to apply bacterial enzymes (MARC 64) to assure more rapid biodegradation and liquification of the grease particles.

**DANGER!** Contains 2-butoxyethanol and sodium metasilicate. Harmful if swallowed, in contact with skin or if inhaled. Causes severe skin burns and serious eye damage. May cause respiratory irritation. Harmful if swallowed. PRECAUTIONARY STATEMENTS: Do not breathe mist or vapors. Wash hands, face and any skin contacted thoroughly after handling. Do not eat or drink when using this product. Wear protective gloves, protective clothing, eye protection and face protection. Use only in a well-ventilated area. IF SWALLOWED: Immediately call a poison center or physician. Rinse mouth. Do NOT induce vomiting. IF ON SKIN OR HAIR: Take off immediately all contaminated clothing. Wash skin and hair with plenty of soap and water. Call a poison center or physician if you feel unwell. Wash contaminated clothing before reuse. IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a poison center or physician if you feel unwell. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison center or a physician. Keep container tightly closed. Store locked up in a well-ventilated area. Dispose of in an approved waste disposal facility. KEEP OUT OF REACH OF CHILDREN! HMIS/NFPA Ratings: Health-2, Flammability-0, Reactivity-0. Manufactured in USA from globally-sourced materials. R1221

