



## OIL SPILL EATER II TESTING LIGHT-END HYDROCARBONS ON WATER

Bioremediation Test Procedure for:  
Diesel Fuel, Jet Fuel, Gasoline, Etc.

### Materials Needed:

1. 3 liters of natural, fresh or ocean water.
2. OSE II
3. 2 liter wide-mouth beaker.
4. Small aquarium air bubbler.
5. Light-end hydrocarbons.
6. Hand spray aspirator (32 ounces).

### Procedure:

1. Make a solution containing 2 ounces of OSE II in 128 ounces (one gallon) of natural, fresh or ocean water. This becomes your OSE II Solution.
2. Put 1 liter of natural, fresh or ocean water in the 2 liter wide-mouth beaker.
3. Add 100 ml of light-end hydrocarbons to the water.
4. Remove 100 ml of the oil and water solution from the beaker. Test for initial contamination level.
5. Since the spill quality of light-end hydrocarbons is known (100 ml), apply 100 ml of the OSE II solution to the beaker using a hand sprayer. Spray the outer edges first, working your way to the middle of the light-end hydrocarbons. This application will provide 1 part OSE II to 100 parts water to 100 parts light-end hydrocarbons on water which is recommended in the OSE II literature.
6. Turn on aerator (bubbler).
7. At time intervals of initial 0 day, 3 days, 7days, and 15 days after application of OSE II, remove 100 ml samples of test water for analysis. The remaining water can be sampled at any additional time, should 15 days prove inadequate for complete degradation of hydrocarbons.
8. Perform EPA Tests 8015 and 8020 to determine degradation.



## OIL SPILL EATER II TESTING LIGHT-END HYDROCARBONS ON WATER

Bioremediation Rapid Test Procedure for:  
Diesel Fuel, Jet Fuel, Gasoline, Etc.

### Materials Needed:

1. 3 liters of natural, fresh or ocean water.
2. OSE II
3. 2 liter wide-mouth beaker.
4. Small aquarium air bubbler.
5. Light-end hydrocarbons.
6. Hand spray aspirator (32 ounces).

### Procedure:

1. Make a solution containing 3 ounces of OSE II in 128 ounces (one gallon) of natural, fresh or ocean water. This becomes your OSE II Solution.
2. Put 1 liter of natural, fresh or ocean water in the 2 liter wide-mouth beaker.
3. Add 100 ml of light-end hydrocarbons to the water.
4. Remove 100 ml of the oil and water solution from the beaker. Test for initial contamination level.
5. Since the spill quality of light-end hydrocarbons is known (100 ml), apply 100 ml of the OSE II solution to the beaker using a hand sprayer. Spray the outer edges first, working your way to the middle of the light-end hydrocarbons. This application will provide 2 parts OSE II to 100 parts water to 100 parts light-end hydrocarbons on water which is recommended in the OSE II literature.
6. Turn on aerator (bubbler).
7. At time intervals of initial 0 day, 3 days, 7days after application of OSE II, remove 100 ml samples of test water for analysis. The remaining water can be sampled at any additional time, should 7 days prove inadequate for complete degradation of hydrocarbons.
8. Perform EPA Tests 8015 and 8020 to determine degradation.