



# S-200 OILGONE

TECHNICAL PRODUCT BULLETIN #M-32  
USEPA, OEM REGULATIONS IMPLEMENTATION DIVISION  
LISTING DATE: APRIL 21, 2016  
“S-200 OILGONE®”

<b>I. NAME, BRAND, OR TRADEMARK</b>
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S-200 OILGONE® Type of Product: Miscellaneous Oil Spill Control Agent
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<b>II. NAME, ADDRESS, AND TELEPHONE NUMBER OF MANUFACTURER/CONTACT</b>
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RBL Environmental, LLC* Two Villanova Center 795 E. Lancaster Avenue, Suite 280 Villanova, PA 19085 Phone: (610) 520-7665 Fax: (610) 520-7663 E-mail: jim.lynn@iepusa.com (Mr. James Lynn) <i>(*RBL Environmental, LLC is the manufacturer and marketer for International Environmental Products)</i>
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<b>III. NAME, ADDRESS, AND TELEPHONE NUMBER OF PRIMARY DISTRIBUTORS</b>
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RBL Environmental, LLC Two Villanova Center 795 E. Lancaster Avenue, Suite 280 Villanova, PA 19085 Phone: (610) 520-7665 Fax: (610) 520-7663 E-mail: jim.lynn@iepusa.com (Mr. James Lynn)
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<b>IV. SPECIAL HANDLING AND WORKER PRECAUTIONS FOR STORAGE AND FIELD APPLICATION</b>
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#### **IV. SPECIAL HANDLING AND WORKER PRECAUTIONS FOR STORAGE AND FIELD APPLICATION**

1. Flammability: Non-Flammable
2. Ventilation: Ensure good ventilation. This can be achieved by local suction and or general air extraction. If this is insufficient to maintain the concentration under Workplace Exposure Limits (WEL), suitable breathing protection should be worn. Applies only if maximum permissible exposure values are listed below. Respiration protection normally not necessary. If Occupational Exposure Standards (OES) or Maximum Exposure Limits (MELs) are exceeded, use appropriate air purifying respirator with filter.

#### **EXPOSURE CONTROL/PERSONAL PROTECTION**

Exposure limit values: Not applicable

<b>Name</b>	<b>WEL-TWA</b>	<b>WEL-STEL</b>	<b>Content</b>
2-(2-butoxyethoxy)-ethanol Butyl carbitol®	10 ppm (67.5 mg/m <sup>3</sup> ) (WEL, EC)	15 ppm (101.2 mg/m <sup>3</sup> ) (WEL, EC)	1-5%

WEL-TWA: Workplace Exposure Limit–Time-Weighted Average; WEL-STEL: Workplace Exposure Limit–Short-Term Exposure Limit; EC: European Commission

3. Skin and eye contact; protective covering; treatment in case of contact: General hygiene measures for the handling of chemicals are applicable. Wash hands before breaks and at end of shift. Keep away from food, drink and animal feeding supplies. Skin Protection: wear protective work garments (e.g., safety shoes, long-sleeves). Wear chemical resistant protective gloves; or if applicable, gloves made of protective neoprene or butyl rubber. Protective hand cream is recommended. Eye Protection: wear tight fitting protective goggles with side protection.

4.a. Maximum storage temperature: 132°F

4.b. Minimum storage temperature: 32°F

4.c. Optimum storage temperature range: 55°F to 85°F

4.d. Temperatures of phase separations and chemical changes: <0°F and >212°F. Phase separation will be eliminated when returning to ambient temperatures.

#### **V. SHELF LIFE**

Recommended shelf life is 5 years if product is kept in the unopened, original container.

#### **VI. RECOMMENDED APPLICATION PROCEDURE**

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1. Application Method: S-200 OILGONE® is a water like liquid and can be sprayed with traditional liquid spraying equipment, such as pressurized sprayers or backpack sprayers. Apply product directly to the hydrocarbon.
2. Concentration/Application Rate: The recommended application rate for spraying on the spill is approximately 1:1 by weight of the product as compared to the hydrocarbon being agglomerated. For example, use 1 gallon of product for every 1 gallon of hydrocarbon to be treated. For sheens, apply 1 gallon of product for every 8 square yards of surface area.
3. Conditions for Use: S-200 OILGONE® is a hydrocarbon coagulator used for the cleanup of hydrocarbon spills on water. These hydrocarbons include, but are not limited to, gasoline, No. 2 to No. 6 Fuel Oil, jet fuels, kerosene, lubricating oils, hydraulic oils and crude oils. Once applied, the hydrocarbon will agglomerate with S-200 OILGONE® and remain on the water's surface. To prevent the hydrocarbon or agglomeration from reaching open water during application, use traditional booms to contain the spill. The agglomeration will form gel like balls, eliminating the sheen and allowing for the product:oil mixture to be removed from the water's surface using traditional skimming tools. The resulting gel like balls should be collected at the spill site and disposed of according to federal, state and local regulations. S-200 OILGONE® can be used in salt, brackish or fresh water. The product can be applied at any ambient temperature on any hydrocarbon pollutant whether fresh or weathered. The size of the gel balls will be dependent on the quantity (not type) of hydrocarbon spilled.

## VII. TOXICITY AND EFFECTIVENESS

### a. Toxicity:

Material Tested	Species	LC50 (ppm)
S-200 OILGONE®	Menidia beryllina	326.22 96-hr
	Mysidopsis bahia	47.29 48-hr
No. 2 Fuel Oil	Menidia beryllina	21.11 96-hr
	Mysidopsis bahia	2.56 48-hr
S-200 OILGONE® & No. 2 Fuel Oil (1:10)	Menidia beryllina	15.83 96-hr
	Mysidopsis bahia	2.46 48-hr
Reference Toxicant (DDS)	Menidia beryllina	3.47 96-hr
	Mysidopsis bahia	4.91 48-hr

### b. Effectiveness:

NA

## VIII. MICROBIOLOGICAL ANALYSIS

NA

## IX. PHYSICAL PROPERTIES

1. Flash Point: >212°F
2. Pour Point: 29 °F
3. Viscosity: 6.9 cst@40°C
4. Specific Gravity: 0.9796
5. pH: 7.01
6. Surface Active Agents: Confidential
7. Solvents: Confidential
8. Additives: Confidential
9. Solubility in Water: Miscible

## X. ANALYSIS FOR HEAVY METALS, CYANIDE, AND CHLORINATED HYDROCARBONS

**X. ANALYSIS FOR HEAVY METALS, CYANIDE, AND CHLORINATED HYDROCARBONS**

<b>Compound</b>	<b>Concentration (ppm)</b>	
Arsenic	<0.5	
Cadmium	<0.25	
Chromium	<0.25	
Copper	<0.5	
Lead	<0.6	
Mercury	<0.0025	
Nickel	<0.5	
Zinc	0.54	
Cyanide	<0.025	
Chlorinated Hydrocarbons	<0.1	

Last updated on May 5, 2016