



# Safety Data Sheet

Issue Date: 20-Oct-2012

Revision Date: 6-May-2015

Version 1

## 1. IDENTIFICATION

### Product Identifier

**Product Name** Microbe Concentrate Oil Spill Cleaner

### Other means of identification

**SDS #** MIC-001

### Synonyms

### Recommended use of the chemical and restrictions on use

**Recommended Use** Designed to remediate oil, grease and other hydrocarbons on hard surfaces.

### Details of the supplier of the safety data sheet

#### Supplier Address

Warren Oil Company  
915 E. Jefferson Ave.  
West Memphis, AR 72301

### Emergency Telephone Number

**Company Phone Number** 1-870-400-3020

**Emergency Telephone (24 hr)** CHEMTREC 1-800-424-9300 (North America) 1-703-527-3887 (International)

## 2. HAZARDS IDENTIFICATION

### CLASSIFICATION:

Acute Toxicity, Oral, Dermal, Inhalation

– Category 5

Eye Irritation - Category 2B

### Signal word:

Warning

### Symbol:



### Hazard statements:

**H303+H313+H333**  
**H320**

May be harmful if swallowed, in contact with skin or if inhaled.  
Causes eye irritation.

### Precautionary Statements Prevention:

**P264**

Wash hands thoroughly after handling.

### Precautionary Statements Response:

**P304+P340**

**IF INHALED:** Remove victim to fresh air and keep at rest in a comfortable position for breathing.

**P301+P330+P331**  
**P303+P352**

**IF SWALLOWED:** Rinse mouth. DO NOT induce vomiting

**P305+P351+P338**

**IF ON SKIN:** Wash with plenty of soap and water.

**IF IN EYES:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

The chemical name and concentration (exact percentage) or concentration ranges of all ingredients which are classified as health hazards in accordance with Paragraph (d) §1910.1200:

Ingredients	CAS no.	Weight %
Aqua	7732-18-5	70 – 90
Microbes	Proprietary	1 – 5
Enzymes	Proprietary	1 – 5
Cleaning Aid	Proprietary	10 – 20
Nutrients	Proprietary	1 – 5

### 4. FIRST-AID MEASURES

#### First Aid Measures

<b>Eye Contact</b>	Flush eyes for fifteen minutes with water. If irritation persists, contact a physician.
<b>Skin Contact</b>	Wash with soap and water. If irritation persists, contact a physician.
<b>Inhalation</b>	Not normally required. Move to fresh air. If symptoms persist, get medical attention.
<b>Ingestion</b>	Not normally required. Contact a physician if ingested.

### 5. FIRE-FIGHTING MEASURES

<b>Extinguishing Media:</b>	<u>Unused form:</u> Water spray, dry chemical or carbon dioxide. <u>Used form:</u> That which is compatible to liquid(s) absorbed.
<b>Special Fire Fighting Procedures:</b>	None required.
<b>Hazardous Combustion Products:</b>	Carbon monoxide and/or carbon dioxide.
<b>Unusual Hazards:</b>	None expected. Refer to absorbed liquid(s) SDS(s). Extreme heat may cause pressure to build up inside drum.

### 6. ACCIDENTAL RELEASE MEASURES

<b>Spill or Leak Procedures:</b>	If material is unused, collect and recover for reuse. Wear protective equipment. Not a listed hazardous waste.
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### 7. HANDLING AND STORAGE

<b>Handling Precautions:</b>	Avoid contact with skin and eyes. Do not swallow. Wash hands thoroughly after handling.
<b>Storage Precautions:</b>	Store in cool, dry area. Prevent product from freezing. Keep out of reach of children and animals. Shelf life: 3 years as long as the product is kept in a clean, dry environment away from direct sunlight and/or excessive heat.
<b>General:</b>	Refer to absorbed liquid(s) SDS(s). Follow label directions carefully. Make sure all containers are labeled properly. The container can be hazardous when empty. Follow label cautions even after the container is empty. Do not re-use empty containers for food, clothing or products for human or animal consumption, or where skin contact can occur.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Engineering Controls:** Use adequate ventilation to keep airborne concentrations low.

### PERSONAL PROTECTION

**Eyes** Safety goggles or glasses with side shields  
**Respirator** NIOSH/MSHA approved respirator when ventilation is inadequate  
**Gloves** Impervious gloves  
**Other** Maintain eyewash and safety shower in work area

**OSHA HAZARDOUS COMPONENTS EXPOSURE LIMIT 8 hrs TWA (ppm)**  
**(29 CFR 1910.1200)** OSHA PEL ACGIH TLV

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Appearance/Odor:** Amber liquid  
**Odor:** Bland  
**pH:** 7  
**Melting Point/Freezing Point:** 32°F (0°C)  
**Initial Boiling Point and Range:** 212°F (100°C)  
**Flash Point:** None **Method:** Not available  
**Evaporation Rate:** Not established  
**Flammable Limits:** Not applicable  
**Conditions for Flammability:** Non-flammable  
**Explosive Properties:** Not established  
**Vapor Pressure:** Not available  
**Vapor Density:** Not established  
**Relative Density:** (H<sub>2</sub>O = 1) 1.35  
**Solubility in Water:** Soluble  
**VOC (g/L):** 0

## 10. STABILITY AND REACTIVITY

**General** This is a stable material.  
**Conditions of Reactivity** Reacts with sodium hypochlorite or calcium hypochlorite.  
**Incompatible Materials** Strong oxidants  
**Conditions to Avoid** Excessive heat or flame  
**Hazardous Decompositions** Not established  
**Hazardous Polymerization** Will not occur

## 11. TOXICOLOGICAL INFORMATION

**LD50** Not established  
**LC50** Not established

**Carcinogenicity: IRAC** None  
 National Toxicology Program: None  
 OSHA: None  
 California Prop. 65: No listed ingredient

**Reproduction Toxicity** Not available  
**Teratogenicity** Not available  
**Mutagenicity** Not available  
**Synergistic Products** Not available

**12. ECOLOGICAL INFORMATION**

No data available

**13. DISPOSAL CONSIDERATIONS****Water Disposal Method:** Observe all federal, state and local regulations.**14. TRANSPORT INFORMATION****DOT (Department of Transportation)**

<b>Proper Shipping Name</b>	Non-hazardous liquid
<b>Hazard Class</b>	Not regulated
<b>Identification Number</b>	Not applicable

**15. REGULATORY INFORMATION**

**CERCLA (Comprehensive Environmental Response Compensation and Liability Act):** No Reportable Quantity  
**OSHA Hazard Communication Standard, 28 CFR 1910.1200:** No hazardous ingredient  
**SARA Title III (Superfund Amendments and Reauthorization Act):** No listed ingredient  
**TSCA (Toxic Substance Control Act):** All ingredients are listed

**16. OTHER INFORMATION**

<b>NFPA Hazard Rating:</b>	<b>Health – 1</b>
<b>None → Extreme</b>	<b>Fire – 0</b>
<b>0 → 4</b>	<b>Reactivity – 0</b>
	<b>PPE – B</b>

<b>Issue Date:</b>	20-Oct-2012
<b>Revision Date:</b>	6-May-2015
<b>Revision Note:</b>	New format

**Disclaimer**

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**End of Safety Data Sheet**