



Safety Data Sheet

Issue Date: 20-Oct-2012

Revision Date: 6-May-2015

Version 1

1. IDENTIFICATION

Product Identifier

Product Name Microbe Ready-to-Use Oil Spill Cleaner

Other means of identification

SDS # MIC-002

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

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

P305+P351+P338

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

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

5. FIRE-FIGHTING MEASURES

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

6. ACCIDENTAL RELEASE MEASURES

Spill or Leak Procedures:	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

Handling Precautions:	Avoid contact with skin and eyes. Do not swallow. Wash hands thoroughly after handling.
Storage Precautions:	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.
General:	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: (H₂O = 1): 1.079
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)**

Proper Shipping Name	Non-hazardous liquid
Hazard Class	Not regulated
Identification Number	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

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

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Revision Note:	New format

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet