

# SAFETY DATA SHEET

## OWS-200™

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### SECTION 1 - PRODUCT & COMPANY IDENTIFICATION

**COMPANY:**  
ENVIROLOGIC SOLUTIONS  
501 GRAHAM ST TUSCOLA TX 79562

**24 HOUR EMERGENCY RESPONSE INFORMATION:**  
EMERGENCY: (866) 678-8888

**PRODUCT:** OWS-200™

**DESCRIPTION & USE:** BIO-REMEDIAL OIL-WATER, INTERCEPTOR REMEDIATION AGENT

**SYNONYMS:** CLEANER-DEGREASER

### SECTION 2 - COMPOSITION/INFORMATION ON INGREDIENTS

**GENERAL CHEMICAL DESCRIPTION:** AN AQUEOUS-WATER BASED SOLUTION OF SINGLE-CELLED MICRO-ORGANISMS IN A SOLUTION OF MICRONUTRIENTS, EXTRACTS & BIO-SURFACTANTS WITH NATURAL FOOD COLOR ADDED FOR IDENTIFICATION.

<u>COMPONENTS:</u>	<u>CAS-NO.</u>	<u>CONCENTRATION (WT. %)</u>
BACTERIAL CULTURES	NOT APPLICABLE	> 4 - < 6
ALKYLPOLYGLYCOSIDE C9-11	132778-08-6	> 4 - < 7
WATER	7732-18-5	> 88 - < 91

### SECTION 3 - HAZARDS IDENTIFICATION

#### EMERGENCY OVERVIEW

**STATE:** LIQUID  
**ODOR:** CITRUS  
**COLOR:** YELLOW  
**ROUTES OF ENTRY:** SKIN & EYE CONTACT, INHALATION, INGESTION

**POTENTIAL HEALTH ACUTE EFFECTS:**

**POTENTIAL CHRONIC HEALTH EFFECTS:** NONE KNOWN

**EFFECTS OF OVEREXPOSURE:** NONE

**INHALATION:** NO KNOWN PROBLEM

**INGESTION:** MAY CAUSE MILD TRANSIENT GASTROINTESTINAL IRRITATION.

**EYE CONTACT:** MAY CAUSE MILD TRANSIENT IRRITATION. NOT CLASSIFIED

**SKIN CONTACT:** NOT CLASSIFIED AS AN SKIN IRRITANT

### SECTION 4 - FIRST AID MEASURES

**AFTER INHALATION:** SHOULD NOT CAUSE ANY INHALATION PROBLEMS.

**AFTER SKIN CONTACT:** SHOULD NOT CAUSE ANY SKIN PROBLEMS. RINSE SKIN WITH PLAIN WATER.  
IF PROBLEM PERSISTS SEEK MEDICAL ATTENTION.

**AFTER EYE CONTACT:** RINSE IMMEDIATELY WITH PLAIN WATER, ALSO UNDER EYELIDS UNTIL IRRITATION SUBSIDES.  
IF FURTHER IRRITATION PERSISTS, SEEK MEDICAL ATTENTION.

**AFTER INGESTION:** DO NOT INDUCE VOMITING. VICTIM SHOULD DRINK SEVERAL GLASSES OF WATER TO DILUTE THE  
INGESTED PRODUCT. IF VOMITING OCCURS NATURALLY, KEEP AIRWAY CLEAR. IF FURTHER  
PROBLEMS OCCUR, SEEK MEDICAL ATTENTION.

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**SECTION 5 – FIRE FIGHTING MEASURES**

**FLASH POINT:**

DOES NOT APPLY TO THIS PRODUCT

**SUITABLE EXTINGUISHING MEDIA:**

DOES NOT APPLY TO THIS PRODUCT

**UNUSUAL FIRE OR EXPLOSION HAZARDS**

DOES NOT APPLY TO THIS PRODUCT

**HAZARDOUS COMBUSTION PRODUCTS**

DOES NOT APPLY TO THIS PRODUCT

**ADDITIONAL FIREFIGHTING ADVISE**

DOES NOT APPLY TO THIS PRODUCT

**SECTION 6 – ACCIDENTAL RELEASE MEASURES**

**PERSONAL PRECAUTIONS:**

NONE NEEDED

**ENVIRONMENTAL PRECAUTIONS:**

NONE NEEDED

**METHODS FOR CLEANING & TAKE -UP**

CLEAN WITH WATER. MAY BE RINSED AWAY WITHOUT ANY ENVIRONMENTAL IMPACT.

**SECTION 7 – HANDLING & STORAGE**

**HANDLING:**

NO SPECIAL HANDLING IS NEEDED. HANDLE WITH CARE AS WITH ANY LIQUID PRODUCT.

**STORAGE:**

STORE IN ORIGINAL CONTAINER WITH CAP OR CLOSURE ON TIGHTLY. STORE IN AN AREA THAT DOES NOT EXCEED 130°F. NOR GO BELOW 20°F. FOR BEST PRODUCT EFFECTIVENESS. THE ABOVE IS ONLY FOR THE BEST USE OF PRODUCT & DOES NOT CONSTITUTE A HAZARD IF THE ABOVE IS NOT FOLLOWED

**SECTION 8 – EXPOSURE CONTROLS & PERSONAL PROTECTION**

**INDICATION FOR SYSTEM DESIGN:**

NO SPECIAL SYSTEMS NEEDED. ADEQUATE VENTILATION IS SUGGESTED FOR PERSONAL COMFORT.

**PERSONAL PROTECTION MEASURES:**

NO SPECIAL SYSTEMS NEEDED. USE OF NIOSH/MSHA RESPERATOR MAY BE USED FOR INDIVIDUAL PERSONAL COMFORT, IF NEEDED, ON AN INDIVIDUAL BASIS.

**HAND PROTECTION:**

NO SPECIAL SYSTEMS NEEDED. USE OF PLASTIC OR RUBBER GLOVES MAY BE USED FOR INDIVIDUAL PERSONAL COMFORT, IF NEEDED, ON AN INDIVIDUAL BASIS.

**EYE PROTECTION:**

IT IS RECOMMENDED THAT PROTECTIVE EYEWEAR BE USED IN ORDER TO AVOID PRODUCT CONTACTING EYES. WEAR GOGGLES OR FACE SHIELD

**SECTION 9 - PHYSICAL & CHEMICAL PROPERTIES**

**GENERAL DESCRIPTION:**

STATE: LIQUID, GENERALLY CLEAR  
ODOR: MILD CITRUS  
COLOR: LIGHT YELLOW

**DESIGNATION**

**VALUE**

**METHOD**

pH:	6.9 to 7.2	NO INFORMATION
BOILING POINT:	212° F	NO INFORMATION
MELTING POINT:	N/A	NO INFORMATION
VAPOR PRESSURE:	MM/HG: <0.01 @ 20° C.	NO INFORMATION
SPECIFIC GRAVITY:	H <sub>2</sub> O=1 1.00 +/-0.01	NO INFORMATION
SOLUBILITY IN WATER:	COMPLETE, ALL PROPORTIONS	NO INFORMATION

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### SECTION 10 - STABILITY & REACTIVITY

#### REACTIVITY

**MATERIALS TO AVOID:** STRONG OXIDIZING AGENTS & STRONG ACIDS  
**STABILITY:** STABLE  
**HAZARDOUS POLYMERIZATION:** NONE, WILL NOT OCCUR  
**HAZARDOUS DECOMPOSITION PRODUCTS:** NONE  
**CONDITIONS TO AVOID:** DO NOT QUICK FREEZE OR EXPOSE TO TEMPERATURES OVER 150° F.. THESE TEMPERATURES POSE NO HAZARD BUT THEY ARE NOT COMPATIBLE WITH THIS PRODUCT.

### SECTION 11 - TOXICOLOGICAL INFORMATION

**ACUTE ORAL TOXICITY:** > 500 mg/kg BODY WEIGHT (EXPERIMENT)  
METHOD: LD50

**SKIN IRRITATION:** NOT IRRITATING (EXPERIMENT)  
METHOD: DRAIZE TEST

**EYE IRRITATION:** MODERATELY IRRITATING  
METHOD: DRAIZE TEST

### SECTION 12 - ECOLOGICAL INFORMATION

**ACUTE FISH TOXICITY:** LC50 > 1 - <= 10 mg PRODUCT/LITER (ANALOGY)

**ACUTE BACTERIAL TOXICITY:** ECO > 100 mg PRODUCT/LITER (ANALOGY)

**PRIMARY DEGRADATION:** ACCORDING TO THE REQUIREMENTS OF THE EU MANDATORY STANDARDS FOR DETERGENTS 82/242 (NONIONIC SURFACTANTS) & 82/243/EEC (ANIONIC SURFACTANTS) THE BIO-SURFACTANTS CONTAINED IN THIS PRODUCT ARE BIODEGRADABLE TO AT LEAST 90% ON AVERAGE.

### SECTION 13 - DISPOSAL CONSIDERATIONS

**WASTE DISPOSAL OF PRODUCT:** THERE ARE NO WASTE DISPOSAL CONSIDERATIONS WITH THIS PRODUCT. USER SHOULD CONSIDER AREAS THAT MAY BE IMPACTED BY THIS PRODUCT WHEN DECIDING ON DISPOSAL METHODS. BECAUSE OF THE NATURE OF THIS PRODUCT, IT MAY BE DISPOSED OF USING THE BEST METHOD TO **ENHANCE** THE ENVIRONMENT.

### SECTION 14 - TRANSPORT INFORMATION

**GENERAL INFORMATION:** DOT: NOT REGULATED UN: NOT REGULATED  
ACCORDING TO: RID, ADR, ADNR, IMDG, IATA-DGR, CFR & TDG

### SECTION 15 - REGULATORY INFORMATION

**TSCA INVENTORY STATUS:** THIS PRODUCT AND/ OR ALL OF ITS COMPONENTS ARE EITHER INCLUDED ON OR EXEMPT FROM THE TSCA INVENTORY OF CHEMICAL SUBSTANCES.

SARA 311/312 HAZARD CATEGORIES: NONE.  
TSCA 12(b) COMPONENTS: NONE.  
SARA 313 TOXIC CHEMICALS: NONE.  
SARA 302 EXTREMELY HAZARDOUS SUBSTANCES: NONE.  
CERCLA HAZARDOUS CHEMICALS: NONE.  
CALIFORNIA PROPOSITION 65: NO LISTED CHEMICALS ARE PRESENT.

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### SECTION 16 - OTHER INFORMATION

NFPA RATING (US)	VALUE
HEALTH	1
FIRE	0
REACTIVITY	0
SPECIAL HAZARD	0

HMIS RATING (US)	VALUE
HEALTH	1
FIRE	0
REACTIVITY	0
SPECIAL HAZARD	0

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