

# MATERIAL SAFETY DATA SHEET

## SECTION I - IDENTIFICATION

**PRODUCT:** Liquid Remediact™

**CHEMICAL:** BIO-REMEDIAL AGENT FOR HYDROCARBON CONTAMINATION IN WATER & SOIL

## SECTION II - INGREDIENTS & HAZARDOUS CLASSIFICATION

**HAZARDOUS COMPONENTS:** NONE  
**TYPICAL COMPOSITION:** 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.

**SARA HAZARD:** TITLE III SECTION 313: NOT LISTED FIRE-(SECTION 311/312): NONE NOTED

## SECTION III - HEALTH INFORMATION

### **EFFECTS OF OVEREXPOSURE:**

**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 OR CORROSIVE MATERIAL.

## SECTION IV - OCCUPATIONAL EXPOSURE LIMITS

**PEL:** NO OSHA PEL

**TLV:** NO ACGIH TLV

## SECTION V - EMERGENCY FIRST AID PROCEDURE

### **FOLLOW STANDARD FIRST AID PROCEDURES:**

**SWALLOWING:** CALL PHYSICIAN OR POISON CONTROL CENTER.  
**SKIN CONTACT:** WASH AFFECTED AREA WITH WATER.  
**EYE CONTACT:** FLUSH EYES WITH COOL WATER FOR AT LEAST 15 MINUTES.  
**INHALATION:** REMOVE VICTIM TO FRESH AIR

## SECTION VI - PHYSICAL DATA

**BOILING POINT:** 212° F.  
**MELTING POINT:** N/A  
**VAPOR PRESSURE:** MM/HG: <0.01 @ 20°C.  
**SPECIFIC GRAVITY:** H<sub>2</sub>O=1 1.00 +/-0.01  
**SOLUBILITY IN WATER:** COMPLETE  
**APPEARANCE:** LIQUID  
**ODOR:** MILD CITRUS  
**COLOR:** COLORLESS  
**pH:** 6.9 to 7.2

## **SECTION VII – FIRE & EXPLOSION HAZARDS**

FLASH POINT & METHOD USED: N/A  
FLAMMABLE LIMITS: N/A  
NFPA RATING: NO NFPA RATING

HMIS RATING: HEALTH: 0 FIRE: 0 REACTIVITY: 0

SPECIAL FIRE FIGHTING PROCEDURES & PRECAUTIONS: NONE  
UNUSUAL FIRE & EXPLOSION HAZARDS: NONE

## **SECTION VIII – REACTIVITY**

STABILITY: STABLE  
HAZARDOUS POLYMERIZATION: NONE  
MATERIALS TO AVOID: STRONG OXIDIZING AGENTS & STRONG ACIDS  
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 XI – EMPLOYEE PROTECTION**

CONTROL MEASURES: ADEQUATE VENTILATION  
RESPIRATORY PROTECTION: NONE REQUIRED  
PROTECTIVE CLOTHING: NONE REQUIRED  
EYE PROTECTION: NONE REQUIRED, BUT RECOMMENDED

## **SECTION X – ENVIRONMENTAL PROTECTION**

ENVIRONMENTAL PROTECTION: NONE. THIS PRODUCT IS ENVIRONMENTALLY SAFE EVEN WHEN LARGE QUANTITIES ARE RELEASED INTO THE ENVIRONMENT.  
SPILL OR LEAK PRECAUTIONS: NONE.  
WASTE DISPOSAL: MAY BE DISPOSED OF IN NORMAL WASTE STREAM ACCORDING TO FEDERAL, STATE OR LOCAL REQUIREMENTS

## **SECTION XI – REGULATORY CONTROLS**

DOT CLASSIFICATION: CLASS 55  
DOT PROPER SHIPPING NAME: CLEANING COMPOUNDS  
OTHER REGULATORY REQUIREMENTS: NONE

## **SECTION XII – PRECAUTIONS: HANDLING, STORAGE & USAGE**

ALTHOUGH THERE ARE NO SPECIAL PRECAUTIONS TO BE TAKEN IN HANDLING, STORAGE OR USAGE OF THIS PRODUCT THAT WILL CHANGE ITS SAFE USE, IT IS RECOMMENDED THAT IT BE KEPT AT A TEMPERATURE BETWEEN 32° F. & 120° F. IN ORDER FOR IT TO BE MOST EFFECTIVE.

## **SECTION XIII – DATE & STATEMENT**

THIS INFORMATION RELATES ONLY TO THE SPECIFIC MATERIAL DESIGNATED & MAY NOT BE VALID FOR SUCH MATERIAL USED IN COMBINATION WITH ANY OTHER MATERIALS OR IN ANY OTHER PROCESS. THE STATED M.S.D.S. IS RELIABLE TO THE BEST OF THE COMPANY'S KNOWLEDGE & BELIEVED TO BE ACCURATE AS OF THE DATE INDICATED. HOWEVER, NO REPRESENTATION, WARRANTY OR GUARANTEE OF ANY KIND, EXPRESSED OR IMPLIED, IS MADE AS TO ITS ACCURACY, RELIABILITY OR COMPLETENESS & WE ASSUME NO RESPONSIBILITY FOR ANY LOSS, DAMAGE OR EXPENSE, DIRECT OR CONSEQUENTIAL, ARISING OUT OF USE. IT IS THE USER'S RESPONSIBILITY TO SATISFY HIMSELF OR HERSELF AS TO THE SUITABLENESS & COMPLETENESS OF SUCH INFORMATION FOR HIS OR HER OWN PARTICULAR USE.

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