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SAFETY DATA SHEET

Prepared in accordance with EC directive 91/155/eec and subsequent directive

Effective date 1-1-2016

PRP (Petroleum Remediation Product)

1. CHEMICAL IDENTIFICATION

Product Name: PRP (Petroleum Remediation Product)

Manufacturer: UNIVERSAL REMEDIATION, INC
450 BUTLER STREET
PITTSBURGH, PA 15223
(412) 788-2444
FAX: (412) 788-1111

Emergency Number: 877-788-2444

Contact Person: FRED JOHNSON CORPORATE HEAD OFFICE USA

Recommended Use: Bioremediation and Sorbent product

The product is not to be used on chemical spills or acid spills

2. HAZARDS IDENTIFICATION

GHS Label: Not Applicable

GHS Classification

HEALTH	ENVIRONMENT	PHYSICAL
NONE	NONE	NONE

Emergency Overview

This is a non-combustible, non-reactive, granular product, supplied in the form of small particles or beads. Exposure to airborne powder may be slightly irritating to eyes, nose and throat, only at very high exposure levels. Firefighters should wear self-contained breathing apparatus and full protective clothing. Use extinguishing methods suitable for surrounding fire.

3. COMPOSITION / INFORMATION ON INGREDIENTS

<u>COMPONENT NAME</u>	<u>% EXPOSURE LIMITS</u>	<u>SEC 8 INFO</u>
Cera Alba (100%)	Not Applicable	YES

Bioremediation and Sorbent product, incorporating microencapsulation and nanotechnology used as a Hydrocarbon remediation products. The product incorporates buoyant capsules that bind with the hydrocarbon on contact that will keep the hydrocarbons afloat. The product stimulates the naturally occurring oil degrading microorganisms to colonize

4. FIRST AID MEASURES

Eyes:	Flush eyes immediately with plenty of water for at least 15 minutes. Consult Physician if irritation persists.
Skin:	Wash skin thoroughly with mild soap and water
Inhalation:	Move person to non-contaminated air. Call a physician if irritation persists.
Ingestion:	No need for first aid is anticipated if material is swallowed.

5. FIRE FIGHTING MEASURES

General:	The wax will burn at high temperature. As with other organic material, any dust that is generated may be explosive if mixed with air in critical proportions and in the presence of a source ignition.
Flashpoint:	> 200°C / 392°F.
Flammability:	Not available
Auto Ignition	
Temperature:	Never been reported
Hazardous Combustion	
Products:	Not Applicable
Fire Fighting Instructions:	Wear full protective clothing; including helmet, self-contained positive pressure or pressure demand breathing apparatus, protective clothing and facemask in accordance with NFPA regulations

6. ACCIDENTAL SPILL / RELEASE MEASURES

General: The products are not considered hazardous material. The function of this product is to aid in spills / releases of oil – based products that may be regulated under Federal, state, and local authority.

Large/Small Spill: Collect spill using a vacuum cleaner with a HEPA filter recovered products in a closed container - Do not dry sweep.

Waste Disposal: Products as produced do not contain any material regulated as hazardous. When product is used to aid in clean up of oil – base product, the treated oil product must be tested to determine its status as a regulated waste and disposed of in accordance with all applicable regulations.

7. HANDLING AND STORAGE

Precautions: Avoid inhalation of dusts. Avoid contact with skin and eyes. Wash thoroughly after handling. Keep container closed & dry.

Storage Requirements: Store in a dry cool area, away from heat and sources of ignition

Incompatibility: Detergents / Surfactants and strong oxidizing agents

8. EXPOSURE CONTROL / PERSONAL PROTECTION

Ventilation: Whenever dusts are generated, use appropriate local exhaust ventilation to keep exposures below the regulated limits.

Chemical Name: OSHA: TW A-STEL ACGIH: TW A-STEL OTHER: TW A-STEL

Exposure Limits (OSHA) Total dust: 15mg/m³

Particulates (not otherwise regulated) Respirable Fraction: 5mg/m³

Health: 0 Flammability: 1 Reactivity: 0

NFPA Personal Protective Equipment

Eye Protection: Wear safety glasses with side shields.
Skin Protection: Wear cotton, rubber or other appropriate work gloves, if necessary for type of operation.
Protective Clothing: Coveralls, apron.
Respiratory Protection: Not normally needed use NIOSH approved dust respirator if excessive levels of dust are present.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	fine powder like particles
Odor and Appearance:	Tan / Amber
Specific Gravity (density):	0.97 gm / cm ³ @ 20° C
Boiling Point:	Not applicable
Vapor Pressure:	Not applicable
Percent Volatile:	Not applicable
Vapor Density:	Not applicable
Softening Point: pH:	Not applicable
Solubility in H ₂ O:	Insoluble
Freezing Point:	Not applicable
Evaporation Rate:	Not applicable
Viscosity:	8 – 12 cST @ 100° C

10. REACTIVITY AND STABILITY

Stability:	Stable at temperatures below 200°C / 392° F.
Conditions to Avoid:	Sparks, flames, and exposure to heat.
Hazardous Polymerization:	Will not occur
Incompatibility:	Detergents & Surfactants
Decomposition Products:	Thermal decomposition can produce a variety of products which may include oxides of carbon and nitrogen

11. TOXICOLOGICAL INFORMATION

Eye effects:	Particles may cause mechanical irritation and can include symptoms of irritation and redness.
Skin effects:	Not expected to cause skin irritation
Acute Oral:	No adverse health effects are known for this product, though ingestion may cause transient irritation of throat, stomach and gastrointestinal tract.
Chronic effects:	Long-term skin contact with this product may lead to depletion of natural skin oils.
FDA:	GRAS (TITLE 21 CFR 184.197.3)

12. ECOLOGICAL INFORMATION

Ecological Information:	None known, no bioaccumulation is expected as product is readily Biodegradable
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13. DISPOSAL CONSIDERATION

None needed as readily Biodegradable, when used to recover spilled hydrocarbons, local and national regulations need to be considered

14. TRANSPORTATION INFORMATION

This product is not regulated as a hazardous material by:

United States (DOT)

Canadian transportation regulations (TGD)

International Maritime Organization (IMDG) – Not a marine pollutant

15. REGULATORY INFORMATION

TSCA Status: All components are listed on the TSCA inventory.

CERCLA/SARA: This product does not contain any ingredient that is subject to the reporting requirements of Section 313 of SARA and its associated regulations.

Clean Water Act (CWA): Not hazardous

Clean Air Act (CAA): Not hazardous

RCRA: This product does not contain any component identified as hazardous under 40 CFR 261.24. Waste must be handled in accordance with all applicable regulations. Purchaser is advised to review regulations referenced for applicability as determined by purchaser's use of product.

STATE REGULATIONS: **California** – this product contains no chemical/s know to the State of California to cause cancer, birth defects or reproductive disorders

15. REGULATORY INFORMATION CONT.

INTERNATIONAL REGULATIONS:

Canadian Environmental Protection Act: All components /ingredients of this product are included in the Canadian Domestic Substance list (DSL)

Canadian Workplace Hazardous Information System (WHMIS): The product has not been classified in accordance with the hazard criteria of the controlled products regulation and this SDS contains all the required information of the controlled products regulation

European Inventory of Existing Chemicals (EINECS): All components /ingredients of this product are included on EINECS

EU CLASSIFICATION: NONE

EU RISK PHRASE (R) AND SAFETY PHRASE (S): NONE

16. OTHER INFORMATION

Revision Date: 01 February 2016

DISCLAIMER - The information contained herein is accurate to the best of our knowledge. This company makes no warranty of any kind, express or implied, concerning the safe use of this material in your process or in combination with other substances