

Remediation Washing Agent is designed to cut hydrogen bonds in oil and isolate individual molecules making the now short chain molecules more easily digested by resident bacteria.



RAW's Remediation Wash uses the power of micelle to accelerate bacterial destruction of oil residue.

#### **RAW Biochem Is**

Readily Biodegradable  
Non-Reactive  
Non-Toxic  
Non-Corrosive  
Non-Hazardous  
Not Flammable  
Contain No VOC's

#### **RAW Biochem Products Do NOT Contain**

Petroleum Distillates  
Glycol Ethers  
Caustics  
Ozone Depleting Agents  
Nonylphenols  
Endocrine disruptors

[www.rawbiochem.com](http://www.rawbiochem.com)

Annual used motor oil spills into U.S. and Canadian waterways alone are estimated to be 16 times greater than from the Exxon Valdez oil spill in Alaska.

RAW's Remediation Washing Agent is a colloidal cleaner that acts on contact to begin degrading long chain hydrocarbons. It does so by cutting hydrogen bonds and isolating individual molecules to make them more easily digestible to resident bacteria. The effluent and encapsulated hydrocarbons will degrade 98.98% within 28 days.

Its many benefits include:

- Save thousands of dollars avoiding heavy equipment and transportation costs, tipping fees and environmental liability claims.
- Treatment is simple. Rinse the soiled area and let nature take its course.
- It will not react with other chemistries to create new and unwanted compounds
- Completely safe for humans, wildlife, fish and plants.
- Reduces costly work safe procedures, liabilities and insurance premiums.

## TECHNICAL DATA SHEET

### Description

Remediation Washing Agent is a super-concentrated blend of readily biodegradable ingredients derived from domestically grown sources. Product breaks the long chain hydrocarbon bonds to create individual molecules more easily digestible to resident bacteria.

The active ingredients are safe to use on all substrates and will not damage steel, glass, fiberglass or plastic.

### Physical State

### Liquid

Colour	Amber
Odour	Mild
pH	8.0 – 9.8
Base	Plant Extracts
Persistence & Degradability	Readily Biodegradable

### Directions for Use

Remediation Washing Agent is designed as a water miscible product for the accelerated biological degradation of hydrocarbons.

The product can be safely applied to many surfaces for the removal of dirt and hydrocarbon contaminants.

1. Select proper dilution ideal dilution rate according to instructions.
2. Dilute with 1-part product to 100 up to 1,000 parts water depending on severity of spill.
  - i. Heavy Crude & Tar Balls 1:10
  - ii. Rocks & Gravel 1:30-50 parts water
  - iii. Sand 1-part product to 100 parts water
  - iv. Vegetation 1-part product to 300 parts water
  - v. Wildlife 1 part-product to 1,000 parts water
3. For larger areas diluted product may be applied with a pressure washer or any suitable pump

equipped with a chemical inductor or chemical feed.

4. For small areas a hand pump, brush, mop or cloth can be used.
5. This product is free-rinsing with fresh or salt water.
6. Apply enough product to thoroughly wet the area then agitate, rinse or wipe clean.
7. Best results are achieved when applied product is allowed to dwell on solid surfaces for 30 minutes to soften the oil deposits.
8. Reapplication may be necessary in severely contaminated areas.
9. When using a pressure washer or sprayer, apply with no more than 100 psi. Adjust angle and pressure of hose to achieve optimum results.

### C.H.A.T.

**Chemical:** Unlike typical petrochemicals, RAW formulations may not perform as well with higher concentrations of product than they would with higher dilution rates. In a new process or application, trials are strongly recommended to achieve the correct chemical concentration.

**Heat:** The optimum temperature ranges from 43°C – 80°C. Product can be used in steam applications up to 490°C (540°F).

**Agitation:** Where applicable, agitation aids in dislodging soils from surfaces so they can be rinsed away.

**Time:** Dwell time is dependant on the application, heat and chemistry but generally speaking, longer dwell times enable more satisfactory results.