

# Material Safety Data Sheet

## RIP-TIDE Aqueous, Organic Biodegradable Solvent

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### Section I: Product Identification

Product name: RIP-TIDE  
Synonym: Biodegradable Solvent  
Molecular Formula: Blended Product

### The "Plain English" Section

Material Safety Data Sheets can be confusing. Federal law requires us to print a great deal of technical information, which probably won't help the non-scientist. ECOLINK includes this "PLAIN ENGLISH" section, written to address the questions and concerns of the average person. If you have additional health, safety or product questions, don't hesitate to call us at 800/886-8240.

**Health Hazards:** RIP-TIDE is an industrial chemical. We call it "environmentally preferred" because it is intended to replace products that are more hazardous, (1,1,1 trichloroethane, mineral spirits, MEK, etc.). This does not mean that it is completely harmless. We suggest you wear gloves and avoid extended exposure to unprotected skin. Don't get it in your eyes, or breath large amounts of the vapor, (it will dry out your nasal passages). Used on a rag or from a spray bottle, the product won't produce fumes in any great quantity, (don't spray it under high pressure without adequate ventilation). For more exposure and first aid information, please read the complete MSDS.

**Flashpoint:** RIP-TIDE's flashpoint is above 183 F, but it is water-based and will not support combustion. This represents the temperature that the liquid must reach before it emits fumes that will ignite. This is pretty hot, so combustion in ordinary use isn't a big concern.

**Disposal:** Straight from the drum, RIP-TIDE is not considered a hazardous waste product. Once it is contaminated with whatever you are cleaning, the resulting mixture may fall under a hazardous classification, depending on whether or not the material you are cleaning is hazardous. If you aren't sure how to dispose of this material, give us a call and we will help you make the right decisions.

### Section II: Chemical or Hazardous Components

Chemical Name	D-Limonene
CAS No.	5989-27-5
Approx. wt. %	5-10%
Exposure	ACGIH-TLV - 300 ppm OSHA-PEL - 300 ppm

### ALL MATERIALS IN PRODUCT ARE TSCA LISTED

RCRA REGULATED:	No
CERCLA (superfund):	N/A
DOT Regulated:	N/A

### Section III: Physical Data

Appearance & Odor:	Clear, orange liquid, pleasantly scented.
Boiling Point:	214 F
Evaporation Rate (H2O=1):	1
pH:	9-10
Solubility In Water:	Complete
Specific Gravity (H2O=1):	1.005
VOC Content::	49 gm/l
Vapor Density (AIR=1):	< 1
Vapor Pressure (psia.):	1

### Section IV: Fire and Explosion Hazard Data

Flash Point (Method):	
Bulk Liquid (TCC)	183 F
Flammable limits:	N/A
Extinguishing Media:	Water
Special Fire Fighting Procedures:	None
Unusual Fire & Explosion Hazards:	None

## Section V: Reactivity Data

Stability: Stable  
Conditions to Avoid: None known  
Incompatibility (materials to avoid): Oxidizing agents  
Hazardous Decomposition:  
Oxides of carbon may be formed upon combustion.  
Hazardous Polymerization: Will not occur.

## Section VI: Health Hazard Data

Primary Routes of Exposure:  
Oral, inhalation, & skin  
Ingestion:  
Can cause gastrointestinal irritation.  
Inhalation:  
No exposure limits known. Breathing direct spray mist can cause irritation.  
Eyes:  
Contact causes temporary irritation.  
Skin or Contact:  
Prolonged exposure may cause skin to dry and crack.  
First Aid:  
Ingestion: Drink 1 or 2 glasses of water or milk; induce vomiting. Contact physician.  
Eyes: Irrigate immediately with water for at least 15 minutes. Get medical attention if irritation persists.  
Skin: Wash with soap and water.  
Carcinogen: NTP – Not Listed  
IARC Monographs – None  
OSHA REGS – Not Regulated

## Section VII: Precautions for Safe Handling

HMIS Information:  
Health – 1 / Reactivity – 0  
Flammability – 2 Personal Protection – B  
HMIS Definition:  
0 – Minimal, 1 – Slight, 2 – Moderate, 3 – Serious, 4 – Extreme  
“/” in the Health Category denotes material does not target any major organs.  
“\*” In the Health Category denotes that material may target certain organs.  
Eye Protection:  
Safety glasses or goggles.  
Protective Gloves:  
Rubber Gloves.  
Respiratory Protection:  
Not required under conditions of normal use.  
Ventilation: Local exhaust/ none required. Mechanical/ none required.  
Other Protective Clothing: Not required under normal use.

Work Practices: Use with adequate ventilation. Wash hands after use.

## Section VIII: Control Measures

Spills: Wash away with water or apply inert absorbent. Floors may be slippery, use caution.

Waste Disposal Method: May be washed down sewer, (In its purchased form) or land filled in a manner conforming to state, federal and local regs.

Precautions To Be Taken In Handling & Storing: Store at ambient temperature keep from freezing. Keep away from food & drink. Always keep container closed. Handle all chemicals with respect and common sense to avoid accidents!

Other Precautions: Keep this and all chemicals out of the reach of children.

## Section IX: Part Number and Packaging

<u>Product Name</u>	<u>Part No.</u>	<u>Packaging</u>	<u>National Stock No.</u>
Rip-Tide	0298-55	55 Gal Drum	6850-01-394-0161
Rip-Tide	0298-6	6 Gal Pail	6850-01-394-0165
Rip-Tide	0298-5	5 Gal Pail	
Rip-Tide	0298-1	4 x 1 Gal Case	6850-01-394-0164

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END OF MSDS