



North America's #1 Name in  
High-Pressure Cleaning Equipment

# Ripper 1

Concentrated  
Biodegradable Detergent

Heavy-Duty



## Special Features:

A highly concentrated non-caustic cleaner for heavy equipment and trucks. This fast-acting cleaner is especially effective on off-road and grease-clogged equipment and great on hard-to-remove road film on tractor / trailers. Safe to use indoors and on all painted surfaces. Excellent for cleaning shop floors and walls where inside cleaning is necessary.

### Highly concentrated

- A little goes a long way
- Dilution ratio up to 150:1

### Competitively priced

- Excellent value for cost
- Economical cost per gallon

### High-quality detergents

- Specially designed for pressure washers
- Designed for high temperature cleaning

### Safety approvals & registration

- Rocky Mountain registered
- Chemtrec registered

### Hotsy's exclusive Continuous Clean Additive (HCC)

- Protects your pressure washer



### Excellent service

- 130 North American Service Centers
- Expert chemist support

### Biodegradable

- Safe for the environment

- Biodegradable
- #1 Customer Choice
- Approved by USDA & Canadian Agriculture
- Kosher Approved

# Ripper 1 Concentrated Biodegradable Detergent

■ 5-Gal Pails P/N 51653

■ 55-Gal Drums P/N 51655

■ Hotsy Bulk Pak (Ask your Hotsy Distributor for details)

## RECOMMENDED USES:

- Automotive / Trucking
- Aircraft
- Construction
- Farm Equipment
- Oil Field Equipment
- Painted / Unpainted Surfaces
- Food Industry
- Aluminum
- Crates / Pens
- Grease / Cooking Oil
- Mold / Mildew
- Stainless Steel
- Diesel Smoke
- Acid Rain
- Carbon



### Bulk Pak for Cost Savings

Ask your Hotsy Distributor how you can arrange to have your Hotsy Detergent supplied on a regular monthly schedule, pumped into your own HOTSY BULK PAK container, that's plumbed directly to your pressure washers. It's convenient, dependable,

clean and efficient. SAVE TIME, by having a regular monthly service call! SAVE MONEY with our low bulk rates! SAVE the INCONVENIENCE of disposing of empty 55-gallon drums.

### Spend some time with a Hotsy Expert

Hotsy has more than 130 local distributors in North America, all factory-trained to properly evaluate your high-pressure cleaning needs.

Over 80% of Hotsy's distributors have been supporting Hotsy systems for more than 20 years.

This seasoned network of local application specialists will ensure you get the safest, most effective and most efficient cleaning solution to your specific cleaning need.



Distributed by:

## RIPPER 1 Specifications

<b>Formulation:</b>	A highly concentrated non-caustic cleaner for heavy equipment and trucks. This fast-acting cleaner is especially effective on off-road and grease-clogged equipment and great on hard-to-remove road film on tractor / trailers. Safe to use indoors.
<b>% of Active Ingredients:</b>	17%
<b>Biodegradability:</b>	Ripper 1 is fully biodegradable and contains no caustic soda (sodium hydroxide).
<b>pH at 5% Solution:</b>	11.8 to 12.0
<b>VOC Content:</b>	9 grams
<b>Foaming Action:</b>	Medium
<b>Reaction in Hard Water (TDS):</b>	Good
<b>Dilution Ratio:</b>	Up to 150:1
<b>Color:</b>	Red
<b>Scent:</b>	Fresh & Clean

### Exclusive Hotsy Additives

**Advanced Formula HCC:** "Continuous Clean Additives" help to prevent and remove scale build-up in coils, pumps, valves and fittings of pressure washers and steam cleaners.

**Corrosion Inhibitors:** Ripper 1 contains Hotsy's full line of corrosion-inhibiting additives, which protect metal surfaces long after washing is completed, giving your equipment protection that can last until it's next cleaning.

**Product Analysis:** USDA Approved. Canadian Agriculture Approved. Kosher Certified.

**Product Safety:** An OSHA Material Safety Data Sheet is available and is listed with the Rocky Mountain Poison Control Center 303-623-5716. For emergency spills call CHEMTREC 1-800-424-9300, outside US call 703-527-3887.

**Product Liability:** Certificate of Insurance available upon request.

**Damage Certification:** This product will NOT damage pressure washers, steam cleaners or related products.

**Smog & Ozone:** This does not contain photochemically reactive ingredients that contribute to smog problems or attack the earth's ozone layer.

**Containers:** Available in 5-gal pails, 55-gal drums and BulkPaks.



Nothing Cleans Like a Hotsy!

Tel: (800) 525-1976 Fax: (888) 880-9631  
www.Hotsy.com email: info@Hotsy.com



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