Detergents

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Tel: 360-834-0983 / Fax: 888-880-9631
www.Hotsy.com

2011 Detergent Catalog

Degreasers
All-Purpose Cleaners
Specialty Cleaners
Institution and Food Preparation
Parts Washer Detergents
Transportation
Transportation Specialty Detergents

For Pressure Washers and Parts Washers
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All-Purpose Cleaners
BLUE THUNDER

Description
Blue Thunder (available from your local Hotsy Dealer in various sizes)

* Cannot Ship via UPS

Blue Thunder Recommended Applications / Uses:

- Farm Machinery
- Restaurants
- Log Cabins / Houses
- Decks / Fences / Siding
- Road Film
- Stainless Steel
- Floors / Walls
- Exhaust Trails
- Diesel Smoke
- Aluminum
- Grease / Oils
- General Cleaning

- pH @ 5% Solution: 11.8 - 11.9
- % of Active Ingredients: 10%
- Foaming Action: Low

- Reaction in Hard Water (TDS): Good
- Dilution Ratio: 100:1 to 120:1
- Color: Blue

- Scent: Cashmere
- VOC: <1 gram

Special Features: A popular vehicle cleaner for removing exhaust deposits, road film and bug residue. Excellent for older vehicles with faded finishes; helps restore oxidized paint surfaces of all types. Great for housewashing. Works well in cold water.

BREAKTHROUGH!

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Original No.</th>
<th>Description</th>
<th>Form</th>
<th>Ship Wt (lbs)</th>
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</thead>
<tbody>
<tr>
<td>8.905-136.0</td>
<td>52653</td>
<td>BreakThrough!, 5 Gallons</td>
<td>Liquid</td>
<td>46</td>
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<tr>
<td>8.905-137.0</td>
<td>52655</td>
<td>BreakThrough!* , 55 Gallons</td>
<td>Liquid</td>
<td>504</td>
</tr>
</tbody>
</table>

* Cannot Ship via UPS

BreakThrough! Recommended Applications / Uses:

- Vehicles / Trucks
- Construction Equipment
- Painted / Unpainted Surfaces
- Grease / Oils
- Drilling Rigs
- Stainless Steel
- Degreasing
- Road Film
- Farm Equipment
- Oxidized Paint
- Asphalt / Tar
- Diesel Smoke
- Food Industry
- Aluminum
- Baked-on Carbon
- Floors / Walls

- pH @ 5% Solution: 11.7 - 11.9
- % of Active Ingredients: 19%
- Foaming Action: High

- Reaction in Hard Water (TDS): Best
- Dilution Ratio: 150:1
- Color: Reddish/Orange

- Scent: None
- VOC: 28 grams
- Excellent in Cold Water

Special Features: This highly concentrated detergent is extremely popular and effective for tackling crude oil and caked-on buildup of fifth-wheel grease... yet it’s gentle enough for fine finishes on cars and to use for general cleaning purposes. Helps restore all types of oxidized paint surfaces.
**PRODUCT 31**

**Description**
Product 31 (available from your local Hotsy Dealer in various sizes)

**Product 31 Recommended Applications / Uses:**
- Farm Equipment
- Agriculture
- Transportation
- Food Industry
- Stainless Steel
- Whirlwalls
- Painted / Unpainted Surfaces
- Vinyl Tops
- Aluminum
- General Cleaning
- Fiberglass
- Road Film
- Oxidized Paint
- Degreasing
- Engine Cleaning
- Dirt

- **pH @ 5% Solution:** 11.5
- **% of Active Ingredients:** 10%
- **Foaming Action:** Medium
- **Reaction in Hard Water (TDS):** Good
- **Color:** Blue / Green
- **Scent:** Fresh & Clean / Cashmere
- **VOC:** 9 grams

**Special Features:** Here’s an all-purpose vehicle cleaner for a wide range of applications. Use it on over-the-road tractors and trailers, truck fleets, and cars. Powerful yet gentle cleaners attack road film and dirt while protecting painted surfaces. Helps restore all types of oxidized paint surfaces.

**SUPER X**

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Original No.</th>
<th>Description</th>
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<th>Ship Wt (lbs)</th>
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<tbody>
<tr>
<td>8.904-673.0</td>
<td>51004</td>
<td>Super X, 50 lb Drum</td>
<td>Powder</td>
<td>53</td>
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<td>8.904-674.0</td>
<td>51005</td>
<td>Super X, 100 lb Drum</td>
<td>Powder</td>
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<tr>
<td>8.904-675.0</td>
<td>51006</td>
<td>Super X*, 450 lb Drum</td>
<td>Powder</td>
<td>469</td>
</tr>
</tbody>
</table>

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**Super X Recommended Applications / Uses:**
- Food Industry
- Farming
- Veterinarian Services
- General Livestock
- Painted / Unpainted Surfaces
- Road Film
- Stainless Steel
- Grease / Oils
- Aluminum
- General Cleaning
- Kennels
- Floors / Walls
- Diesel Smoke
- Fiberglass
- Dirt
- Carbon

- **pH @ 5% Solution:** 11.1 - 11.7
- **% of Active Ingredients:** 100%
- **Foaming Action:** Low
- **Reaction in Hard Water (TDS):** Best
- **Color:** Red
- **Scent:** None
- **VOC:** < 2 grams
- **Free Rinsing**

**Special Features:** This concentrated powder is popular in the agriculture, construction, transportation and food industries. Safe on all surfaces, it’s easy to use, low foaming and free rinsing.

**Mix Instructions:** Dissolve 8 oz. (1 cup) with 1 gallon warm (90°) water. Regulate amount desired with detergent metering valve.
**SUPER XL**

Special Features: An all-purpose detergent popular in the agriculture, construction, transportation and food industries. It's safe on all surfaces, easy to use, low-foaming and free rinsing.

<table>
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<tr>
<th>Part No.</th>
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<th>Description</th>
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<td>8.904-728.0</td>
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<td>Super XL*, 55 Gallons</td>
<td>Liquid</td>
<td>494</td>
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Super XL Recommended Applications / Uses:
- Construction
- Agriculture
- Dairy Farms
- Veterinarians
- Vehicles
- Food Processing
- Industrial Equipment
- Farm Equipment
- Engines
- Aluminum
- Stainless Steel
- Mold / Mildew
- Road Film
- Diesel Smoke
- Carbon
- Degreasing Surfaces
- Grease / Oils
- General Cleaning
- Floors / Walls
- Degreasing Painted / Unpainted Surfaces

- pH @ 5% Solution: 11.4
- % of Active Ingredients: 10%
- Foaming Action: Low
- Reaction in Hard Water (TDS): Best
- Dilution Ratio: 128:1
- Color: Red
- Scent: None
- VOC: 2 grams
- Free Rinsing

✔ CFIA Approved
✔ Biodegradable
✔ Kosher Approved
Transportation
### AERO ONE

<table>
<thead>
<tr>
<th>Part No.</th>
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<td>8.905-634.0</td>
<td>59253</td>
<td>Aero One, 5 Gallons</td>
<td>Liquid</td>
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<td>8.905-636.0</td>
<td>59256</td>
<td>Aero One, 55 Gallons*</td>
<td>Liquid</td>
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* Cannot Ship via UPS

#### Aero One Recommended Applications / Uses:
- Aircraft
- Cars / Trucks
- Ground Support Equipment
- Road Film / Salt
- Painted / Unpainted Surfaces
- Aluminum
- Air Pollution
- Oxidized Paint
- Degreasing
- Stainless Steel
- Acid Rain
- Exhaust Trails

- **pH @ 5% Solution:** 10.7 - 10.9
- **% of Active Ingredients:** 22%
- **Foaming Action:** High
- **Reaction in Hard Water (TDS):** Good
- **Dilution Ratio:** 15:1 to 50:1
- **Color:** Red
- **Scent:** None
- **VOC:** 40 grams
- **Free Rinsing**

**Special Features:** Approved for aircraft use, this non-toxic compound has met rigorous standards set by Naval Air Development Command; Lockheed (Aerospace Specification AMS-1526); The Boeing Company and McDonnell-Douglas. High concentrations of corrosion inhibitors fight effects of salt, air pollution and acid rain.

### CARBON-ATE

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<td>8.904-896.0</td>
<td>51753</td>
<td>Carbon-ATE, 5 Gallons</td>
<td>Liquid</td>
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<tr>
<td>8.904-898.0</td>
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<td>Carbon-ATE*, 55 Gallons</td>
<td>Liquid</td>
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</tbody>
</table>

* Cannot Ship via UPS

#### Carbon-Ate Recommended Applications / Uses:
- Vehicles
- Grease / Oil
- Bug Residue
- Whitewalls
- Painted / Unpainted Surfaces
- Baked-on Carbon
- Fiberglass
- Aluminum
- Road Film
- Fish / Animal Oils
- Mold / Mildew
- Stainless Steel

- **pH @ 5% Solution:** 11.1 - 11.2
- **% of Active Ingredients:** 18%
- **Foaming Action:** High
- **Reaction in Hard Water (TDS):** Best
- **Dilution Ratio:** 150:1 (General Cleaning)
- **Color:** Green
- **Scent:** Fresh & Clean
- **VOC:** 32 grams

**Special Features:** A highly concentrated detergent for tackling engine degreasing, parts cleaning, hard-to-clean vehicles, road film, carbon smoke trails, plus food and grease build-up — in both hot and cold water. It is great on polished aluminum.

✓ CFIA Approved
✓ Biodegradable
✓ Kosher Approved

#1 Customer’s Choice

✔ CFIA Approved
✔ Biodegradable
✔ Kosher Approved
FLEET WASH

Description
Fleet Wash (available from your local Hotsy Dealer in various sizes)

Fleet Wash Recommended Applications / Uses:
- Automotive / Trucking / Construction
- Stainless Steel
- Heavy Equipment
- Glass
- Painted Surfaces
- Whitewalls
- Pollution
- Road Grime
- Aluminum / Polished Aluminum
- Fiberglass
- Acid Rain
- Diesel Smoke

Special Features:
- Extremely effective for cleaning stainless steel, aluminum, glass and painted surfaces on cars, trucks, RV's, buses, trailers, mobile homes, tractors etc. Perfect pre-spray for cleaning engines, whitewall tires, vinyl and metal tops. Helps restore all types of oxidized paint surfaces.

HOTSY RED

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<th>Ship Wt (lbs)</th>
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<td>8.904-830.0</td>
<td>51486</td>
<td>Hotsy Red, 100 lb Drum</td>
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Hotsy Red Recommended Applications / Uses:
- Automotive
- Trucking
- Construction
- Stainless Steel / Aluminum
- Road Film
- Dirt
- Salts
- Engine Cleaning
- Grease / Oil
- Bug Residue
- Diesel Soot
- Fifth Wheels

Special Features: Outstanding cleaning at a low cost. Ideal for heavy duty, automatic and manual vehicle washing applications.

Powdered Mix Instructions:
Truck & Trailer: Dissolve 8 oz. (1 cup) with 1 gallon of warm (90°) water to make a liquid concentrate. Meter at 4 - 6 oz. per gallon.
Automatic Car Wash: Dissolve 5 pounds of powder in 50 gallons of water. Meter at normal dilution with warm or hot water.
Brush Car Wash: Use at a rate of 1 - 2 oz. per 100 gallons of water.

✔ Biodegradable
✔ Kosher Approved
**NYTRO**

<table>
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<tr>
<th>Part No.</th>
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<td>8.904-929.0</td>
<td>51873</td>
<td>Nytro, 5 Gallons</td>
<td>Liquid</td>
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**Nytro Recommended Applications / Uses:**
- Automotive / Trucking / Aircraft
- Construction / Farm Equipment
- Stainless Steel
- Painted / Unpainted Surfaces
- Grease / Cooking Oil
- Dirt
- Crates / Pens
- Floors / Walls
- Aluminum
- Food Industry
- Diesel Smoke
- Road Film
- Carbon
- Acid Rain
- Mold / Mildew
- Clay

- **ph @ 5% Solution:** 11.8 - 12.0
- **% of Active Ingredients:** 17%
- **Foaming Action:** High
- **Reaction in Hard Water (TDS):** Poor
- **Dilution Ratio:** 120:1
- **Color:** Clear
- **Scent:** None
- **VOC:** None

**Special Features:** Truckers and fleet maintenance specialists swear by this heavy duty detergent. It makes diesel smoke stains, road film and gummy grease residue disappear. It’s equally effective on floors, walls and windows. Use this powerful cleaner where other detergents and chemicals fail.

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**PANEL WASH**

**Description**

Panel Wash (available from your local Hotsy Dealer in various sizes)

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**Panel Wash Recommended Applications / Uses:**
- Automotive
- Trucking
- Construction
- Asphalt / Tar
- Road Film
- Salts
- Carbon
- Exhaust Trails
- Grease / Oil
- Bug Residue
- Diesel Smoke
- Acid Rain

- **ph @ 5% Solution:** 12.2 - 12.5
- **% of Active Ingredients:** 11%
- **Foaming Action:** Medium
- **Reaction in Hard Water (TDS):** Good
- **Dilution Ratio:** 35:1 to 100:1
- **Color:** Purple
- **Scent:** Grape
- **VOC:** < 1 gram

**Special Features:** A highly effective, economical detergent designed for the truck and transportation industry. It contains a small amount of caustic and is effective as a “pre-spray” to attack the final layer of soil that other products might not penetrate.
**POWER-SHINE**

**Description**

Power-Shine (available from your local Hotsy Dealer in various sizes)

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**Power-Shine Recommended Applications / Uses:**
- **Automotive / Trucking / Vehicles**
- **Construction / Farm Equipment**
- **Stainless Steel**
- **Aluminum**
- **Road Film**
- **Salts / Clay / Dirt**
- **Whitewalls / Vinyl Tops**
- **Fiberglass**
- **Grease / Oil**
- **Bug Residue**
- **Diesel Smoke**
- **Painted / Unpainted Surfaces**

**Special Features:** A highly concentrated vehicle cleaner that produces rich suds to increase dwell time and cleaning action. Power-Shine is safe to use on polished aluminum. Excellent for road film and oxidized paint. Works well in hard water and leaves a shine. Good cold water cleaner.

- **Scent:** Fresh & Clean
- **ph @ 5% Solution:** 11.0 - 11.7
- **% of Active Ingredients:** 19%
- **Foaming Action:** High

- **Reaction in Hard Water (TDS):** Best
- **Dilution Ratio:** 150:1
- **Color:** Blue

- **VOC:** 9 grams

- **Biodegradable**
- **Kosher Approved**

**TRANSPORT VEHICLE WASH**

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Original No.</th>
<th>Description</th>
<th>Form</th>
<th>(lbs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>8.904-733.0</td>
<td>51215</td>
<td>Transport Vehicle Wash*, 55 Gallons</td>
<td>Liquid</td>
<td>506</td>
</tr>
</tbody>
</table>

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**Transport Vehicle Wash Recommended Applications / Uses:**
- **Automotive / Trucking / Vehicles**
- **Glass**
- **Vinyl and Metal Tops**
- **Painted Surfaces**
- **Stainless Steel**
- **Engines**
- **Salts**
- **Clay**
- **Aluminum**
- **Whitehalls**
- **Fiberglass**
- **Degreasing**

- **ph @ 5% Solution:** 11.7 - 11.9
- **% of Active Ingredients:** 10%
- **Foaming Action:** Medium

- **Reaction in Hard Water (TDS):** Good
- **Dilution Ratio:** 100:1
- **Color:** Red

- **Scent:** None
- **VOC:** 16 grams

- **Biodegradable**
- **Kosher Approved**

**Special Features:** Economical liquid detergent cleans stainless steel, aluminum, glass and painted surfaces such as cars, trucks, buses, RV's, trailers, mobile homes, tractors, etc. Use as a pre-spray for cleaning engines, whitewall tires, vinyl and metal tops.
Transportation Specialty Detergents
**TRANSPORTATION SPECIALTY DETERGENTS**

## 400 WAX

<table>
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<tr>
<th>Part No.</th>
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<th>Description</th>
<th>Form</th>
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<tbody>
<tr>
<td>8.905-531.0</td>
<td>55703</td>
<td>400 Wax, 5 Gallons</td>
<td>Liquid</td>
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<tr>
<td>8.904-935.0</td>
<td>51903</td>
<td>Aluminum Brightener*, 5 Gallons</td>
<td>Liquid</td>
<td>43</td>
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<tr>
<td>8.904-937.0</td>
<td>51905</td>
<td>Aluminum Brightener*, 55 Gallons</td>
<td>Liquid</td>
<td>537</td>
</tr>
</tbody>
</table>

### 400 Wax Recommended Applications / Uses:
- Truck Trailers
- Automotive
- Vinyl Tops
- Road Film
- Painted Surfaces
- Whitewalls
- Stainless Steel
- Fiberglass
- Diesel Smoke
- Welding Smut
- Aluminum
- Grease / Oils
- Carbon
- Welding Smut

**Special Features:** Added to a final rinse, this long-lasting, liquid wax creates a durable finish that improves a vehicle's appearance and keeps dirt from adhering to the surface. It gives added protection against salt, air pollution and acid rain. With a dilution ration of 2000 to 1, this is a highly economical wax.

## ALUMINUM BRIGHTENER

<table>
<thead>
<tr>
<th>Part No.</th>
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<tr>
<td>8.904-935.0</td>
<td>51903</td>
<td>Aluminum Brightener*, 5 Gallons</td>
<td>Liquid</td>
<td></td>
</tr>
<tr>
<td>8.904-937.0</td>
<td>51905</td>
<td>Aluminum Brightener*, 55 Gallons</td>
<td>Liquid</td>
<td></td>
</tr>
</tbody>
</table>

### Aluminum Brightener Recommended Applications / Uses:
- Truck Trailers
- Automotive
- Vinyl Tops
- Road Film
- Asphalt
- Whitewalls
- Tar / Resins
- Stainless Steel
- Fiberglass
- Diesel Smoke
- Grease / Oils
- Carbon

**Special Features:** An easy-to-apply brightener for cleaning and restoring aluminum surfaces. It even makes oxidized aluminum look like new with just one application. DO NOT USE on glass or polished aluminum. Instantly removes welding smut. Aluminum Brightener is formulated with Ammonium Bifluoride, not Hydrofluoric Acid, so it is safer to use and fumes less.
**ALUMINUM BRIGHTENER II**

**Recommended Applications / Uses:**
- Truck Trailers
- Road Film
- Tar / Resin
- Aluminum
- Asphalt
- Welding Smut
- Diesel Smoke
- Grease / Oils
- Carbon
- Road Film
- Acid Rain
- Pollution
- Salts / Clay / Dirt
- Vinyl Tops

- pH @ 5% Solution: 1.0
- % of Active Ingredients: 35%
- Foaming Action: Low

- Reaction in Hard Water (TDS): Best
- Dilution Ratio: 5:1 to 20:1
- Color: Clear

**Special Features:**
This economical alternative to our original Aluminum Brightener removes oxidation, diesel oils and resins from aluminum. DO NOT USE on glass or polished aluminum. Instantly removes welding smut. It is formulated with Ammonium Bifluoride, not Hydrofluoric Acid, so it is safer to use and fumes less. This is our best selling Aluminum Brightener.

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Original No.</th>
<th>Description</th>
<th>Form</th>
<th>Ship Wt (lbs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>8.904-797.0</td>
<td>51423</td>
<td>Aluminum Brightener II*, 5 Gallons Liquid</td>
<td>50</td>
<td></td>
</tr>
<tr>
<td>8.904-799.0</td>
<td>51425</td>
<td>Aluminum Brightener II*, 55 Gallons Liquid</td>
<td>537</td>
<td></td>
</tr>
</tbody>
</table>

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**CARBON-ATE-PLUS**

**Recommended Applications / Uses:**
- Automotive
- Trucking
- Vehicles
- Aluminum
- Painted Surfaces
- Bug Residue
- Stainless Steel
- Hot Waxes
- Road Film
- Diesel Smoke
- Grease / Oil
- Exhaust Trails
- Acid Rain
- Pollution
- Salts / Clay / Dirt
- Vinyl Tops

- pH @ 5% Solution: 11.1 - 11.2
- % of Active Ingredients: 18%
- Foaming Action: High

- Reaction in Hard Water (TDS): Best
- Dilution Ratio: 150:1
- Color: Green

**Special Features:** A special wax is added to Carbon-ATE Plus to provide a durable, attractive finish that keeps dirt from adhering to surfaces and protects them against salt, air pollution and acid rain. Easy to rinse and it reduces water spotting. It works great on polished aluminum.

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Original No.</th>
<th>Description</th>
<th>Form</th>
<th>Ship Wt (lbs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>8.904-833.0</td>
<td>51505</td>
<td>Carbon-ATE-Plus*, 55 Gallons Liquid</td>
<td>506</td>
<td></td>
</tr>
</tbody>
</table>

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**Special Features:**
Green
- Biodegradable
- Kosher Approved
**HOTSY "99"**

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Original No.</th>
<th>Description</th>
<th>Form</th>
<th>Ship Wt (lbs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>8.904-843.0</td>
<td>51585</td>
<td>Hotsy &quot;99&quot;*, 55 Gallons</td>
<td>Liquid</td>
<td>546</td>
</tr>
</tbody>
</table>

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**Hotsy "99" Recommended Applications / Uses:**
- Trucks
- Heavy Equipment
- Construction
- Vehicles
- Stainless Steel / Steel
- Rust
- Mortar
- Aluminum
- Bricks
- Glass
- Diesel Smoke
- Hard Water Scale

- **pH @ 5% Solution:** < 2
- **% of Active Ingredients:** 47%
- **Foaming Action:** Medium

**Special Features:** A highly concentrated formulation of non-fuming inhibited phosphoric acid and surfactants that remove concrete, welding smut, hard-water scale, rust, mortar, and diesel smoke. It is ideal for cleaning and descaling concrete trucks, metal surfaces, equipment, bricks and glass. **DO NOT USE** on polished aluminum.

**HOTSY POLISHED ALUMINUM & STAINLESS STEEL CLEANER**

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Original No.</th>
<th>Description</th>
<th>Form</th>
<th>Ship Wt (lbs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>8.904-749.0</td>
<td>51253</td>
<td>Hotsy Polished Aluminum &amp; Stainless Steel Cleaner, 5 Gallons</td>
<td>Liquid</td>
<td>48</td>
</tr>
<tr>
<td>8.904-751.0</td>
<td>51255</td>
<td>Hotsy Polished Aluminum &amp; Stainless Steel Cleaner*, 55 Gallons</td>
<td>Liquid</td>
<td>521</td>
</tr>
</tbody>
</table>

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**Hotsy Polished Aluminum & Stainless Steel Cleaner Recommended Applications / Uses:**
- Polished Aluminum
- Aluminum
- Stainless Steel
- Road Film
- Diesel Smoke
- Welding Smut
- Oil
- Grease
- Dirt

- **pH @ 5% Solution:** < 2
- **% of Active Ingredients:** 21%
- **Foaming Action:** Medium

**Special Features:** This non-etching specialty cleaner contains a concentrated blend of surfactants and glycol ethers to quickly penetrate and remove dirt, grease, oil, road film, diesel smoke and welding smut.
**POWER-SHINE PLUS**

**Description** (available from your local Hotsy Dealer in various sizes)

**Power-Shine Plus Recommended Applications / Uses:**
- Automotive
- Trucking
- Construction
- Aircraft Equipment
- Grease / Oils
- Road Film
- Diesel Smoke / Carbon
- Oxidized Paint
- Polished Aluminum
- Exhaust Trails
- Bug Residue
- Dirt / Salts / Clay

- **pH @ 5% Solution:** 11.0 - 11.7
- **% of Active Ingredients:** 19%
- **Foaming Action:** High

**Special Features:** A special wax is added to provide a durable, attractive finish that keeps dirt from adhering to surfaces and protects them against salt, air pollution and acid rain. Helps restore oxidized paint surfaces of all types. Easy to rinse; reduced water spotting. It is great on polished aluminum.

**RINSE AID**

**Part No.**  8.905-609.0  
**Original No.**  57303  
**Description**  Rinse Aid, 5 Gallons  
**Form**  Liquid  
**Ship Wt (lbs)**  46

**Rinse Aid Recommended Applications / Uses:**
- Automotive
- Aircraft Equipment
- Trucking
- Heavy Equipment
- Construction
- Painted / Unpainted Surfaces
- Stainless Steel
- Fiberglass
- Aluminum

- **pH @ 5% Solution:** 7.0 - 9.0
- **% of Active Ingredients:** 29%
- **Foaming Action:** Low

**Special Features:** With a dilution ratio of 5000 to 1, this is an extremely economical additive for rinse cycles. Hotsy Rinse Aid prevents spotting on vehicles.
Degreasers
**HOTSY BROWN**

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Description</th>
<th>Form</th>
<th>Ship Wt (lbs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>8.915-455.0</td>
<td>Hotsy Brown, 5 Gallons</td>
<td>Liquid</td>
<td>48</td>
</tr>
<tr>
<td>8.915-453.0</td>
<td>Hotsy Brown*, 55 Gallons</td>
<td>Liquid</td>
<td>515</td>
</tr>
</tbody>
</table>

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**Special Features:** This versatile, extra-strong detergent is caustic based for fast and thorough cleaning. Hotsy Brown is a non-butyl product that is particularly effective on carbon based deposits such as road film and exhaust stains, as well as dirt and grease. Not recommended for use on fine finishes, aluminum, galvanized metal or magnesium.

**RIPPER I**

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Original No.</th>
<th>Description</th>
<th>Form</th>
<th>Ship Wt (lbs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>8.904-846.0</td>
<td>51653</td>
<td>Ripper I, 5 Gallons</td>
<td>Liquid</td>
<td>47</td>
</tr>
<tr>
<td>8.904-847.0</td>
<td>51655</td>
<td>Ripper I*, 55 Gallons</td>
<td>Liquid</td>
<td>506</td>
</tr>
</tbody>
</table>

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**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.
**RIPPER II**

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Original No.</th>
<th>Description</th>
<th>Form</th>
<th>Ship Wt (lbs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>8.904-850.0</td>
<td>51703</td>
<td>Ripper II, 5 Gallons</td>
<td>Liquid</td>
<td>51</td>
</tr>
<tr>
<td>8.904-851.0</td>
<td>51705</td>
<td>Ripper II*, 55 Gallons</td>
<td>Liquid</td>
<td>550</td>
</tr>
</tbody>
</table>

$4.22

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**Ripper II Recommended Applications / Uses:**
- Construction Equipment
- Heavy Equipment
- Steel
- Off Road Machinery
- Degreasers
- Diesel Smoke
- Carbon
- Grease / Oil
- Salts / Clay / Dirt

**Special Features:** This popular extra heavy-duty detergent is caustic-based for really tough cleaning jobs such as heavy equipment and off-road machinery. Extra cleaning action attacks hydraulic-oil stains and is particularly effective on heavy deposits of dirt and grease. DO NOT USE on aluminum, galvanized metal, fine painted surfaces or magnesium. Contains Sodium Hydroxide.
Specialty Cleaners
# CITRUS CLEAN

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Original No.</th>
<th>Description</th>
<th>Form</th>
<th>Ship Wt (lbs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>8.904-985.0</td>
<td>52103</td>
<td>Citrus Clean, 5 Gallons</td>
<td>Liquid</td>
<td>44</td>
</tr>
<tr>
<td>8.904-986.0</td>
<td>52105</td>
<td>Citrus Clean, 55 Gallons</td>
<td>Liquid</td>
<td>466</td>
</tr>
</tbody>
</table>

**Citrus Clean Recommended Applications / Uses:**
- Detergent Additive
- Degreasing - All Surfaces
- Grease / Oils

- **pH @ 5% Solution:** 6.0 - 9.0
- **% of Active Ingredients:** 25%
- **Foaming Action:** High

- **Reaction in Hard Water (TDS):** Best
- **Dilution Ratio:** 5:1 to 50:1
- **Color:** Honey Color

- **Scent:** Citrus
- **VOC:** 136 grams
- **Free Rinsing**

**Special Features:** This citrus-based detergent additive increases any detergent's cleaning and degreasing power and is a great degreaser in its own right, plus it also enhances rinsing. Citrus Clean contains d-limonene which is a great "natural" degreaser.

# CLEANER / PHOSPHATIZER NO. 2

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Original No.</th>
<th>Description</th>
<th>Form</th>
<th>Ship Wt (lbs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>8.904-977.0</td>
<td>52003</td>
<td>Cleaner / Phosphatizer No. 2, 5 Gallons</td>
<td>Liquid</td>
<td>51</td>
</tr>
<tr>
<td>8.904-978.0</td>
<td>52005</td>
<td>Cleaner / Phosphatizer No. 2*, 55 Gallons</td>
<td>Liquid</td>
<td>525</td>
</tr>
</tbody>
</table>

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**Cleaner / Phosphatizer No. 2 Recommended Applications / Uses:**
- Light Metal Cleaning
- Safe for Use with Hotsy Pressure Washers
- Paint Preparation

- **pH @ 5% Solution:** 3.2 - 3.5
- **% of Active Ingredients:** 24%
- **Foaming Action:** Medium

- **Reaction in Hard Water (TDS):** Good
- **Dilution Ratio:** 60:1
- **Color:** Clear

- **Scent:** None
- **VOC:** 21 grams

**Special Features:** A complete and economical detergent and phosphatizing system for one-step cleaning and phosphatizing of iron and steel parts. Hotsy Cleaner / Phosphatizer No. 2 can be used at temperatures ranging from 120°F to 180°F. Equally effective in spray, dip and wipe-on applications. A quality product with 20 years of successful history in the industry.

**Mix Instructions:** 1/4 oz. per gallon to 2 oz. per gallon depending on application, weight of coating and the temperature of the phosphatizer solution.
## Speciality Cleaners

### Coil Conditioner

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Original No.</th>
<th>Description</th>
<th>Form</th>
<th>Ship Wt (lbs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>8.904-764.0</td>
<td>51302</td>
<td>Coil Conditioner, 2 lb Containers, Qty 12</td>
<td>Powder</td>
<td>28</td>
</tr>
</tbody>
</table>

- **Coil Conditioner Recommended Applications / Uses:**
  - Pressure Washers
  - Boilers
  - Rust Remover

- **pH @ 5% Solution:** 1.6
- **% of Active Ingredients:** 100%
- **Foaming Action:** Medium
- **Reaction in Hard Water (TDS):** Best
- **Dilution Ratio:** 2 lbs to 5 gallons
- **Color:** White
- **Scent:** None
- **VOC:** None

**Special Features:** A special conditioner for removing hard water deposits and scale from the internal surface of heating coils.

---

### Enviro-Clean

**Description**

Enviro-Clean (available from your local Hotsy Dealer in various sizes)

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**Enviro-Clean Recommended Applications / Uses:**

- **Automotive**
- **Construction**
- **Farm Machinery**
- **Restaurants**
- **Stainless Steel**
- **Painted / Unpainted Surfaces**
- **Floors / Walls**
- **Aluminum / Polished Aluminum**
- **Grease / Oils**
- **Diesel Smoke**
- **Road Film**
- **General Cleaning**

- **pH @ 5% Solution:** 11.4 - 11.9
- **% of Active Ingredients:** 18%
- **Foaming Action:** High
- **Reaction in Hard Water (TDS):** Good
- **Dilution Ratio:** 150:1
- **Color:** Pink
- **Scent:** Fresh & Clean
- **VOC:** 43 grams
- **Phosphate Free**

**Special Features:** This phosphate-free detergent is excellent for communities where phosphates are prohibited from entering municipal wastewater treatment facilities. It’s safe for all kinds of cleaning, yet has the cleaning power of highly concentrated degreasers. It is great on polished aluminum.

- ✔ CFIA Approved
- ✔ Biodegradable
- ✔ Kosher Approved
# SPECIALTY CLEANERS

## ENVIRO GARD 1

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Original No.</th>
<th>Description</th>
<th>Form</th>
<th>Ship Wt (lbs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>8.905-120.0</td>
<td>52623</td>
<td>Enviro Gard 1, 5 Gallons</td>
<td>Liquid</td>
<td>46</td>
</tr>
<tr>
<td>8.905-121.0</td>
<td>52625</td>
<td>Enviro Gard 1*, 55 Gallons</td>
<td>Liquid</td>
<td>492</td>
</tr>
</tbody>
</table>

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Enviro Gard 1 Recommended Applications / Uses:
- Recycle Systems
- General Purpose Cleaner

### Special Features:
- A quick-release detergent for use with Hotsy Recycle Systems. This phosphate-free, biodegradable liquid contains a new generation of surfactants that are readily destroyed by chlorine or bleach, thereby preventing residual build-up. Oils and greases are rapidly released, maximizing separation. **Non-emulsifying.**

### Properties:
- pH @ 5% Solution: 11.8
- % of Active Ingredients: 15%
- Foaming Action: Medium
- Reaction in Hard Water (TDS): Good
- Dilution Ratio: 60:1
- Color: Clear
- Scent: None
- VOC: None
- Phosphate Free

## ENVIRO GARD 2

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Original No.</th>
<th>Description</th>
<th>Form</th>
<th>Ship Wt (lbs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>8.905-124.0</td>
<td>52635</td>
<td>Enviro Gard 2*, 55 Gallons</td>
<td>Liquid</td>
<td>487</td>
</tr>
</tbody>
</table>

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Enviro Gard 2 Recommended Applications / Uses:
- Recycle Systems
- General Purpose Cleaner

### Special Features:
- A quick-release detergent formulated for use with filtration-type or gray water recycle systems. This phosphate-free, biodegradable liquid releases oils and greases rapidly for maximum separation. Low solid content reduces build-up, allowing more cycles between discharge. **Non-emulsifying.**

### Properties:
- pH @ 5% Solution: 11.4
- % of Active Ingredients: 8%
- Foaming Action: Medium
- Reaction in Hard Water (TDS): Good
- Dilution Ratio: 60:1
- Color: Clear
- Scent: None
- VOC: None
- Phosphate Free
**FAT CAP GRAFFITI REMOVER - BRICK, MASONRY & CONCRETE**

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Description</th>
<th>Form</th>
<th>Ship Wt (lbs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>9.807-292.0</td>
<td>Fat Cap Graffiti Remover, Brick, Masonry &amp; Concrete, 1 Quart, Case of 12</td>
<td>Liquid</td>
<td>27</td>
</tr>
<tr>
<td>9.807-291.0</td>
<td>Fat Cap Graffiti Remover, Brick, Masonry &amp; Concrete, 1 Gallon, Case of 4</td>
<td>Liquid</td>
<td>34</td>
</tr>
</tbody>
</table>

**Special Features:**
- An easy-to-use liquid graffiti remover designed for use on exterior brick, masonry and concrete surfaces.
- Hotsy Fat Cap Graffiti Remover - Brick, Masonry and Concrete cleaner is deep penetrating and fast acting for effective and thorough loosening of spray paint graffiti and easy removal of the graffiti from the surface being treated. This is the strongest product in the Hotsy Fat Cap Remover family of products.

**Fat Cap Graffiti Remover - Brick, Masonry & Concrete Recommended Applications / Uses:**
- Concrete
- Masonry
- Painted Masonry
- Brick
- Stone
- Painted Stone

- **pH @ 5% Solution:** 14.0
- **Dilution Ratio:** Use undiluted
- **Color:** Reddish Brown
- **Scent:** None, Hydrocarbon Odor
- **Phosphate Free**
- **Foaming Action:** Low
- **Reaction in Hard Water (TDS):** Good

---

**FAT CAP GRAFFITI REMOVER - METAL SAVER**

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Description</th>
<th>Form</th>
<th>Ship Wt (lbs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>9.807-312.0</td>
<td>Fat Cap Graffiti Remover, Metal Saver, 1 Quart, Case of 12</td>
<td>Liquid</td>
<td>27</td>
</tr>
<tr>
<td>9.807-313.0</td>
<td>Fat Cap Graffiti Remover, Metal Saver, 1 Gallon, Case of 4</td>
<td>Liquid</td>
<td>34</td>
</tr>
</tbody>
</table>

**Special Features:**
- A strong and fast acting, biodegradable liquid graffiti remover for use on exterior and interior surfaces. It effectively and safely penetrates and loosens graffiti on metal surfaces and many plastic surfaces for ease of removal. This is the second strongest product in the Hotsy Fat Cap Graffiti Remover family of products.

**Fat Cap Graffiti Remover - Metal Saver Recommended Applications / Uses:**
- Metal Surfaces
- Powder-Coated Metal
- Color-Bonded Fencing
- Mail Boxes
- Painted Metal
- Overhead Doors
- Traffic Signal Boxes

- **pH @ 5% Solution:** 5.5 - 7.0
- **Dilution Ratio:** Use undiluted
- **Color:** Clear to pale yellow
- **Scent:** Lemon-like
- **Phosphate Free**
- **Foaming Action:** Low
- **Reaction in Hard Water (TDS):** Good
**FAT CAP GRAFFITI REMOVER - SIGN SAVER**

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Description</th>
<th>Form</th>
<th>Ship Wt (lbs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>9.807-295.0</td>
<td>Fat Cap Graffiti Remover, Sign Saver, 1 Quart, Case of 12</td>
<td>Liquid</td>
<td>27</td>
</tr>
<tr>
<td>9.807-294.0</td>
<td>Fat Cap Graffiti Remover, Sign Saver, 1 Gallon, Case of 4</td>
<td>Liquid</td>
<td>34</td>
</tr>
</tbody>
</table>

**Special Features:** A fast acting, biodegradable liquid graffiti remover for exterior and interior signs. Hotsy Fat Cap Graffiti Remover – Sign Saver has been designed to penetrate and loosen graffiti on a wide variety of sign types without damaging the surface of the sign. It is especially suited for safe and effective use on reflective coated signs and in most cases signs with a plastic coating. This is the third strongest product in the Hotsy Fat Cap Graffiti Remover family of products.

**LIQUID FOAMER**

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Original No.</th>
<th>Description</th>
<th>Form</th>
<th>Ship Wt (lbs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>8.905-527.0</td>
<td>55603</td>
<td>Liquid Foamer, 5 Gallons</td>
<td>Liquid</td>
<td>46</td>
</tr>
</tbody>
</table>

**Liquid Foamer Recommended Applications / Uses:**
- Food Plants
- Vehicles
- Foaming Brushes
- Foam Booster / Foam Stabilizer
- Detergent Additive
- Vertical Surfaces

- **pH @ 5% Solution:** 7.0 - 9.0
- **% of Active Ingredients:** 35%
- **Foaming Action:** High
- **Reaction in Hard Water (TDS):** Good
- **Dilution Ratio:** 25:1 to 100:1
- **Color:** Tan
- **Scent:** None
- **VOC:** None

**Special Features:** When combined with most detergents, it creates mountains of suds and increases dwell time to loosen dirt, grease and oil. Designed for use with foam generators and revolving brushes.
### Ripper III

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Original No.</th>
<th>Description</th>
<th>Form</th>
<th>Ship Wt (lbs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>8.904-839.0</td>
<td>51573</td>
<td>Ripper III, 5 Gallons</td>
<td>Liquid</td>
<td>51</td>
</tr>
<tr>
<td>8.904-840.0</td>
<td>51575</td>
<td>Ripper III*, 55 Gallons</td>
<td>Liquid</td>
<td>550</td>
</tr>
</tbody>
</table>

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#### Ripper III Recommended Applications / Uses:
- Restaurants
- Food Processing Plants
- Food Processing Equipment
- Hoods, Vents, Ducts
- Asian Food Grease
- Deep Fat Fryers / Ovens
- Burnt-On Food
- Carbon
- Heavy-Duty Degreasing
- Graffiti Removal

- **pH @ 5% Solution:** 12.75 - 13.5
- **% of Active Ingredients:** 31%
- **Foaming Action:** Low
- **Reaction in Hard Water (TDS):** Poor
- **Dilution Ratio:** Up to 40:1
- **Color:** Brown
- **Scent:** None
- **VOC:** None
- **Use Caution:** Wear Protective Gear

### Special Features:
This heavy-duty degreaser will strip paint and powder coated surfaces. Also great for cleaning hood and vents at restaurants. DO NOT USE on aluminum, magnesium, galvanized metal or fine painted surfaces. Contains Potassium Hydroxide.
Institution and Food Preparation
### CARBO-CHLOR

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Original No.</th>
<th>Description</th>
<th>Form</th>
<th>Ship Wt (lbs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>8.904-980.0</td>
<td>52055</td>
<td>Carbo-Chlor*, 55 Gallons</td>
<td>Liquid</td>
<td>495</td>
</tr>
</tbody>
</table>

- **Packing Plants**
- **Agriculture**
- **Grease / Oils**
- **Animal Fats**
- **Farm Industry**
- **Stainless Steel**
- **Aluminum**
- **Crates / Pens**
- **Tough Odors**
- **Veterinarians**
- **Seafood Oils / Fish**
- **Baked on Carbon**
- **Dirt / Stains**

**Special Features:**
A special emulsifying formula with high powered bleach for food processing plants. Excellent on tough odors, stains, dirt, oils and fats left behind on equipment, floors, and walls. Chlorinated for extra punch.

**Carbo-Chlor Recommended Applications / Uses:**
- Packing Plants
- Agriculture
- Grease / Oils
- Animal Fats
- Farm Industry
- Stainless Steel
- Aluminum
- Crates / Pens
- Tough Odors
- Veterinarians
- Seafood Oils / Fish
- Baked on Carbon
- Dirty / Stains

- **pH @ 5% Solution:** 10.7 - 10.9
- **% of Active Ingredients:** 11%
- **Foaming Action:** High
- **Reaction in Hard Water (TDS):** Good
- **Dilution Ratio:** 60:1
- **Color:** Clear
- **Scent:** None
- **VOC:** 17 grams

### MIRACLE WIZZ

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<th>Part No.</th>
<th>Original No.</th>
<th>Description</th>
<th>Form</th>
<th>Ship Wt (lbs)</th>
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</thead>
<tbody>
<tr>
<td>8.904-924.0</td>
<td>51853</td>
<td>Miracle Wizz, 5 Gallons</td>
<td>Liquid</td>
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<tr>
<td>8.904-925.0</td>
<td>51855</td>
<td>Miracle Wizz*, 55 Gallons</td>
<td>Liquid</td>
<td>561</td>
</tr>
</tbody>
</table>

- **Food Processing**
- **Smokehouse Cleaner**
- **Degreasing**
- **Mold**
- **Bakeries**
- **Baked-on Carbon**
- **Grease / Oils**
- **Mildew**
- **Restaurants**
- **Stainless Steel**
- **Painted**
- **Cooking Oils**
- **Automotive**
- **Engine Degreasing**
- **Unpainted Surfaces**
- **Graffiti Removal**

**Special Features:**
An unsurpassed liquid for removing baked-on carbon found in food preparation, bakeries, restaurants, food processing plants etc. It is also great for engine degreasing and graffiti removal.

**Miracle Wizz Recommended Applications / Uses:**
- Food Processing
- Smokehouse Cleaner
- Degreasing
- Mold
- Bakeries
- Baked-on Carbon
- Grease / Oils
- Mildew
- Restaurants
- Stainless Steel
- Painted
- Cooking Oils
- Automotive
- Engine Degreasing
- Unpainted Surfaces
- Graffiti Removal

- **pH @ 5% Solution:** 11.7 - 12.5
- **% of Active Ingredients:** 21%
- **Foaming Action:** Medium
- **Reaction in Hard Water (TDS):** Poor
- **Dilution Ratio:** 5:1 to 100:1
- **Color:** Brown
- **Scent:** None
- **VOC:** None
Parts Washer Detergents
HOTSY DEFOAMER

Hotsy Deofoamer, Qty 4, 1 Gallon Containers

- pH @ 5% Solution: 7.0 - 8.0
- % of Active Ingredients: Unknown
- Foaming Action: Non-foaming
- Reaction in Hard Water (TDS): Good
- Dilution Ratio: 1.0 - 2.0 oz / Gallon
- Color: White
- Scent: None
- VOC: < 1 gram
- pH @ 5% Solution: 7.0 - 8.0
- % of Active Ingredients: Unknown
- Foaming Action: Non-foaming
- Reaction in Hard Water (TDS): Good
- Dilution Ratio: 1.0 - 2.0 oz / Gallon
- Color: White
- Scent: None
- VOC: < 1 gram

Special Features: This biodegradable defoamer is added to parts-washer cleaning solutions to reduce foam buildup. Hotsy Deofoamer does not interfere with the detergent’s normal cleaning ability. Can be used with TubMate Phosphatizer / Cleaner as it does not interfere with phosphatizing.

TUBMATE ALL-PURPOSE DETERGENT

- pH @ 4 ozs / Gallon: 12.4
- % of Active Ingredients: 100%
- Foaming Action: Non-foaming
- Reaction in Hard Water (TDS): Best
- Dilution Ratio: 1 - 4 oz / gallon
- Color: White
- Scent: None
- VOC: 1 gram

Special Features: A concentrated powder for cleaning a variety of parts, including iron, steel, soft metals, plastics and electronics. Heavy duty rust and corrosion inhibitor package provides added protection against flash rusting. Quick oil release lets go of greases and oils for increased effectiveness. Hotsy TubMate All-Purpose also has defoamers to reduce foam in the sump solution.
# PARTS WASHER DETERGENTS

## TUBMATE TORQUE

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Original No.</th>
<th>Description</th>
<th>Form</th>
<th>Ship Wt (lbs)</th>
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<tbody>
<tr>
<td>8.905-262.0</td>
<td>52862</td>
<td>TubMate Torque, 40 lb Pail</td>
<td>Powder</td>
<td>43</td>
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<tr>
<td>8.905-263.0</td>
<td>52864</td>
<td>TubMate Torque*, 400 lb Drum</td>
<td>Powder</td>
<td>415</td>
</tr>
</tbody>
</table>

* Cannot Ship via UPS

**TubMate Torque Recommended Applications / Uses:**
- Aqueous Parts Washers
- Degreaser
- Aluminum
- Steel / Stainless Steel
- Electronics
- All Purpose Cleaner
- Copper
- Brass

- **pH @ 5% Solution:** 12.7
- **% of Active Ingredients:** 100%
- **Foaming Action:** Non-foaming
- **Reaction in Hard Water (TDS):** Best
- **Dilution Ratio:** 1/4 to 1/2 lb. per gallon
- **Color:** Tan Powder
- **Scent:** Citrus
- **VOC:** 0.285g / liter
- **ph @ 5% Solution:** 12.7
- **% of Active Ingredients:** 100%
- **Foaming Action:** Non-foaming
- **Reaction in Hard Water (TDS):** Best
- **Dilution Ratio:** 1/4 to 1/2 lb. per gallon
- **Color:** Tan Powder
- **Scent:** Citrus
- **VOC:** 0.285g / liter

**Special Features:** A heavy duty parts washer detergent that contains d-Limonene, a citrus based cleaning agent particularly effective in penetrating and cleaning hard to remove grease, oil, tar and carbon based deposits. It is biodegradable and is designed specifically for use in Hotsoy industrial parts washers. TubMate Torque is an alkaline detergent with multiple components to help maintain enhanced oil and grease cleaning properties even at the end of the bath life. It contains ingredients to combat water hardness problems and includes an advanced defoamer to control foaming in the machine sump.

## TUBMATE GENERAL-PURPOSE DETERGENT

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<th>Part No.</th>
<th>Original No.</th>
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<th>Ship Wt (lbs)</th>
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<tbody>
<tr>
<td>8.905-150.0</td>
<td>52675</td>
<td>TubMate General-Purpose*, 55 Gallons</td>
<td>Liquid</td>
<td>548</td>
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</tbody>
</table>

**TubMate General-Purpose Detergent Recommended Applications / Uses:**
- Aqueous Parts Washers
- Painted Parts
- Iron / Steel
- Magnesium
- Copper
- Plastic

- **pH @ 5% Solution:** 12.21
- **% of Active Ingredients:** 21%
- **Foaming Action:** Non-foaming
- **Reaction in Hard Water (TDS):** Good
- **Dilution Ratio:** 1.0 - 12.0 oz / gallon
- **Color:** Straw Color
- **Scent:** None
- **VOC:** None
- **Phosphate Free**

**Special Features:** A phosphate-free, biodegradable, super-concentrated liquid. Works great with automatic detergent injectors; can be automatically metered into aqueous parts washers. Quick oil release and solvent free. Heavy duty rust and corrosion inhibitor package protects against flash rusting; defoamers reduce foam in your aqueous parts washer.
### TUBMATE IRON & STEEL CLEANER

**Part No.** 8.905-087.0  
**Original No.** 52583  
**Description** TubMate Iron & Steel Cleaner, 5 Gallons  
**Form** Liquid  
**Ship Wt (lbs)** 48

#### TubMate Iron & Steel Cleaner Recommended Applications / Uses:
- Trucking
- Railroads
- Trucking
- Baked-on Carbon
- Baking
- Aqueous Parts Washer
- Iron / Steel
- Loose Paint
- Manufacturing
- Stainless Steel
- Pots / Pans

---

**Special Features:** A heavy-duty liquid detergent, perfect for truckers, manufacturers, railroads, food processors, bakeries and other applications requiring the removal of heavy grease, baked-on carbon, loose paint and coatings. Rust and corrosion inhibitors and heavy defoamer package. Not an EPA hazardous waste at a pH of less than 12.5.

### TUBMATE PHOSPHATIZER / CLEANER

**Part No.** 8.905-074.0  
**Original No.** 52573  
**Description** TubMate Phosphatizer / Cleaner, 5 Gallons  
**Form** Liquid  
**Ship Wt (lbs)** 51

**Part No.** 8.905-077.0  
**Original No.** 52575  
**Description** TubMate Phosphatizer / Cleaner*, 55 Gallons  
**Form** Liquid  
**Ship Wt (lbs)** 543

* Cannot Ship Via UPS

#### TubMate Phosphatizer / Cleaner Recommended Applications / Uses:
- Aqueous Parts Washers
- Paint Preparation for Metal Parts

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**Special Features:** A complete one-step detergent and phosphatizing system for cleaning metal parts and preparing them for painting.
## VAPOCOR CORROSION INHIBITOR

<table>
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<tr>
<th>Part No.</th>
<th>Original No.</th>
<th>Description</th>
<th>Form</th>
<th>Ship Wt (lbs)</th>
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</thead>
<tbody>
<tr>
<td>8.905-168.0</td>
<td>52712</td>
<td>Vapor Corrosion Inhibitor, Qty 4, 1 Gallon Containers</td>
<td>Liquid</td>
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<tr>
<td>8.905-169.0</td>
<td>52713</td>
<td>Vapor Corrosion Inhibitor, 5 Gallons</td>
<td>Liquid</td>
<td>46</td>
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<tr>
<td>8.905-170.0</td>
<td>52715</td>
<td>Vapor Corrosion Inhibitor*, 55 Gallons</td>
<td>Liquid</td>
<td>493</td>
</tr>
</tbody>
</table>

* Cannot Ship Via UPS

### Special Features:
Rust and corrosion inhibitors are carried in the water vapor and help prevent rust, not only on your aqueous parts washer’s internal surfaces, but also on cleaned metal parts that would normally rust if left in the basket of a hot parts washer.
TOP REASONS TO USE HOTSY DETERGENTS:

- **Most effective cleaning** - Unlike so-called "economy" products, Hotsy detergents are designed specifically for high-pressure, high-temperature cleaning. Hotsy detergents actually become more effective as temperatures increase. Inferior detergents begin to decompose under high temperature and pressure.

- **Economical operation** - Hotsy detergents are super concentrated. They're designed to blend with water in ratios up to 150 parts of water to 1 part of detergent. Compare that to economy brands and you’ll see why Hotsy detergents go a long way, and keep operating costs low. Hotsy also gives you a choice of economical ways to buy detergents, from 5-gallon pails to 55-gallon drums to Bulk Packs that provide up to 125 to 200 gallons of on-site storage, depending on your needs.

- **Preserves your equipment investment** - Using inferior "economy" detergents allows lime and hard water deposits to build up inside of pipes and system components in hard-water environments. The result is reduced performance and energy efficiency, higher maintenance costs and shorter equipment life. Most Hotsy detergents contain exclusive Hotsy Continuous Clean (HCC) additives, which help prevent lime and soap buildup. In addition, they contain corrosion inhibitors that not only help protect the internal parts of your equipment, but also help protect metal surfaces of the equipment being cleaned.

- **Environmentally friendly** - You can use Hotsy detergents with complete confidence. They have no unpleasant odors, and they’re biodegradable, so they’re safe for the environment as well. OSHA Material Safety Data Sheets are available on all Hotsy detergents. Contact your local Hotsy dealer.
<table>
<thead>
<tr>
<th>Hotsy Detergent</th>
<th>Alco One</th>
<th>Aluminum Brightener</th>
<th>Blue Thunders</th>
<th>Breakthrough NC</th>
<th>Carbonate</th>
<th>Carbo-Cel</th>
<th>Calcium Oxide</th>
<th>Hypos 99</th>
<th>Hypos Brown</th>
<th>Molykote</th>
<th>Nyco</th>
<th>Paint Wash</th>
<th>Pulsed Aluminum</th>
<th>Power Site</th>
<th>Upper I</th>
<th>Upper II</th>
<th>Transport</th>
<th>Transport NC</th>
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</thead>
<tbody>
<tr>
<td><strong>TRANSPORTATION</strong> - Cars, Trucks, Street Sweepers, Waste haulers, Forklifts, Heavy Equipment, Aircraft, Railroad Cars, etc.,</td>
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