

# VETERAN BRAND

## IMPACT High Active All Natural Citrus Solvent

**IMPACT** is a concentrated industrial strength citrus solvent degreaser. This highly versatile product is biodegradable, environmentally safe, non-acidic, non-corrosive, non-caustic, and easily emulsifies with water. Contains no petroleum distillates or chlorinated solvents. **USDA approved.**

Removes grease, oil, asphalt, tar, adhesives, gum, rubber, ink, and carbon deposits.

Deodorizes and cleans drains, trash receptacles, pipes, dumpsters, garbage disposals, sewage plants, and septic tanks. It is also compatible with CHT tanks.

Designed for use on: **aircraft arresting cables**, engine blocks, machinery, cranes, roofing equipment, tools, concrete, masonry, grease traps, restroom fixtures, urinals, ceramic tile, sinks, printing presses, and grills.

### DIRECTIONS FOR APPLICATION

Test all surfaces, fabrics, and plastics in small, inconspicuous areas before using product on the remainder of surface.

Removal of tar, asphalt, oil, and carbon deposits use 8 ounces of Impact per gallon of warm water. Wipe on and rinse away. Heavier deposits may require longer dwell time.

Deodorize and remove dirt with a mixture of 4 ounces Impact to each gallon of warm water.

**IMPACT** is available in quarts, 5 gallon pails, and 55 gallon drums.

Stock# 997385  
NSN # 6850-01-384-0618  
Unit: 12 quart case

Stock# 997150  
NSN # 6850-01-380-4369  
Unit: 5 gallon pail

Stock# 997050  
NSN # 6850-01-380-4053  
Unit: 55 gallon drum

### PRODUCT SPECIFICATIONS

<b>Color</b>	Orange	<b>Abrasives</b>	None
<b>Odor</b>	Orange	<b>Solubility</b>	Emulsifiable
<b>pH</b>	11.5-12.5	<b>Emulsification</b>	Excellent
<b>Viscosity</b>	Slightly viscous	<b>Biodegradability</b>	Complete
<b>Foam</b>	Moderate	<b>Weight per gallon</b>	7.37 lbs/gal



**Cavalier Inc.**

PO Box 11171 Norfolk, Va. 23517  
Phone: 757-855-6091 Fax: 757-855-1818

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

**MATERIAL SAFETY DATA SHEET**

N/A= Not Applicable

Prepared by: Regulatory Affairs Dept.

(Prepared According to 29 CFR 1910.1200)

Effective Date: 1/09 Revision: n/a

**SECTION 1-PRODUCT IDENTIFICATION AND SUPPLIER INFORMATION**

<b>Product Name:</b> Impact	<b>Supplier's Name:</b> Cavalier, Inc.
<b>Generic Name:</b> All Natural Citrus Solvent	<b>Supplier's Address:</b> PO Box 11171 Norfolk, Va. 23517
<b>Chemical Family:</b> D-limonene/Detergent Blend	<b>Supplier's Phone #:</b> Phone: 757-855-6091 Fax: 757-855-1818
<b>Formula:</b> proprietary	

**SECTION 2-INGREDIENT INFORMATION**

CHEMICAL NAME	CAS NO.	WT. %	PEL	TWA-TLV	STEL-TLV
Water	7732-18-5	to 100			
Citrus Terpenes (d-Limonene)	5989-27-5	70 to 80			
Coconut Diethanolamide	8051-30-7	5 to 10			
Nonionic Surfactant	9016-45-9	5 to 10			
Dye	N/A	0 to 5			

**SECTION 3-PHYSICAL DATA**

**SECTION 4-FIRE AND EXPLOSION HAZARD DATA**

<b>Boiling Point (°F):</b> 335 F. <b>Initial Specific Gravity:</b> .855	<b>Flash Point (Method Used):</b> 108 F. (TCC)
<b>Vapor Pressure:</b> 1.2 mm Hg @ 68 F. <b>Vapor Density (Air=1):</b> >1	<b>Upper Explosion Limit:</b> 6.0 <b>Lower Explosion Limit:</b> 1.0
<b>% Volatile:</b> 90+ <b>pH:</b> 12.0 – 12.5	<b>Extinguishing Media:</b> Foam, CO <sub>2</sub> , or Dry Chemical
<b>Solubility in Water:</b> Emulsifies <b>Evaporation Rate (Water=1):</b> <1	<b>Special Firefighting Procedures:</b> Do Not Use Water.
<b>VOC Content Information:</b> % VOC = 78.0 5.6 lb/gal 671.1 gm/l	<b>Unusual Fire and Explosion Hazards:</b> Drums heated by fire can explode.
<b>Physical Description:</b> Thin orange liquid with pleasant odor.	

**SECTION 5-REACTIVITY DATA**

<b>Stability:</b> Stable	<b>Hazardous Polymerization:</b> None
<b>Hazards Decomposition Products:</b> Carbon monoxide possible if burned.	<b>Incompatibility (Materials to Avoid):</b> None known.

**SECTION 6-STORAGE AND HANDLING INFORMATION**

Combustible liquid – Avoid contact with heat, spark or open flame. Keep out of reach of children. For use by trained personnel only. Keep container closed during storage. For institutional and industrial use only. Avoid contact with eyes, skin and clothing. Wear rubber gloves and protective eyewear when handling concentrate or diluted product. Avoid breathing of vapors. Use in well-ventilated area.

**SECTION 7-HEALTH HAZARDS AND FIRST AID**

**SECTION 8-SPECIAL PROTECTION INFORMATION**

**Effects of Overexposure:**  
**Skin:** Defatting to skin with prolonged or repeated contact. May lead to dryness and irritation.  
**Eyes:** Eye irritant. May cause redness, burning, or tearing.  
**Inhalation:** Vapors and mists may be irritating to mucous membranes in the nose, throat, and lungs.  
**Ingestion:** May be irritating to the mouth, throat, and gastrointestinal system.  
**First Aid Procedures:**  
**Skin:** Flush with water. Seek medical attention if irritation persists.  
**Eyes:** Flush with large quantities of water, holding eyelids open. Seek medical attention if irritation persists.  
**Inhalation:** Get to fresh air. Seek medical attention if irritation persists.  
**Ingestion:** Do not induce vomiting. Drink large quantities of water. Seek medical attention immediately.

**Respiratory Protection:** Use in well-ventilated area.  
**Ventilation Requirements:** Provide local exhaust to keep TLV of Section 2 ingredients below acceptable limit.  
**Protective Gloves:** Chemical resistant rubber or neoprene.  
**Eye Protection:** Safety glasses or chemical splash goggles.  
**Other Protective Equipment:** Eyewash station nearby.

**SECTION 9-SPILL OR LEAK PROCEDURES**

**Steps to be taken in Case Material is Released or Spilled:** Extinguish all ignition sources and ventilate area well. Floors will become slippery. Avoid walking in product. Keep unessential personnel away. Mop up or otherwise absorb and hold disposal. Avoid discharge to sewer or open waterways.  
**Waste Disposal Method:** Any method in accordance with local, state and federal laws. Best method is to recycle or reuse for intended purpose. If discarded, this material and containers should be treated as hazardous waste based on the characteristic of ignitability as defined under federal RCRA regulations (40 CFR 261). Consult local authorities for disposal in public sewer. Do not dispose of into storm drain, stream, river or to ground. Rinse container thoroughly before discarding in trash.

**SECTION 10-REGULATORY INFORMATION**

<b>SARA Title III - Section 311/312 -Hazard Categories:</b>	<b>Shipping Information:</b>	<b>HMIS Hazardous Materials Identification System</b>
Yes - Fire Hazard	FOR CONTAINERS > 1 Gallon : Cleaning Compound	<b>Health</b> 2
No - Sudden Release of Pressure Hazard		<b>Flammability</b> 2
No - Reactivity Hazard	FOR 1 GALLON CONTAINERS : Cleaning Compound	<b>Reactivity</b> 0
Yes - Immediate (acute) Health Hazard		<b>Personal Protection</b> B
No - Delayed (chronic) Health Hazard	FOR CONTAINERS < 1 GALLON : Cleaning Compound	

**FOR EMERGENCY MEDICAL OR TRANSPORT INFORMATION:** CHEM-TEL, Inc. @ 800-255-3924 (24 hours, 7 days per week)

This product contains the following toxic chemical(s) subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and of 40 CFR 372.

CAS#	Chemical Name	Percent by Weight
	None	

This product contains the following chemical(s) which have been established to be either a carcinogen or suspected carcinogen.

CAS#	Chemical Name	Percent by Weight
	None	

**SECTION 11-OTHER INFORMATION**

This company cannot anticipate all conditions of handling and use of this product. Therefore, this company accepts no responsibility for results obtained by the application of this information, or the safety and suitability of our products either alone or in combination with other products. It is the responsibility of the user to provide a safe workplace, using the health and safety information contained herein as a guide. This company will accept no liability for damages or loss incurred from the improper handling and use of this product