

# PRO SERIES ORANGE ATTACK

ALL NATURAL CITRUS SOLVENT CLEANER

TODOS EL LIMPIADOR NATURAL DE LA FRUTA  
CÍTRICA



## Technical Data

### Areas of Use

- Machinery
- Concrete
- Tools
- Dumpsters

### Specifications

SSS Item Numbers .....	48087, 48088
Available Sizes .....	1Qt & 1G
Color .....	Orange
Active Ingredients .....	93.0 ± 0.5%
Fragrance .....	Orange
Base .....	100% natural citrus solvent
pH .....	12.0-12.5
Viscosity .....	Slightly viscous
Foam .....	Moderate
Abrasives .....	None
Phosphate Content .....	None
Fumes .....	None
Solubility .....	Emulsifiable
Emulsification .....	Excellent
Detergency .....	Excellent
Rinsability .....	Excellent
Biodegradability .....	Complete
Storage/Stability .....	2 years
Weight Per Gallon .....	7.37 lbs./gal.
Freeze/Thaw Stability .....	Keep from freezing

### HMIS Hazardous Materials I.D. System

Health .....	2
Flammability .....	2
Reactivity .....	0
Personal Protection .....	B

### What the Pros Know

This product is 100% biodegradable and contains no petroleum distillates or chlorinated solvents.

### Description

A highly concentrated natural citrus solvent cleaner, degreaser, deodorant, de-scaler, and de-clogger. The most unique and versatile product ever developed. Contains no petroleum distillates or chlorinated solvents. 100% environmentally safe. May be safely used as directed on carpets, sinks, toilets, fiberglass, machinery, tools, grills, ceramic tiles, concrete, graffiti, dumpsters, grease traps, all metals, and much more.

### Directions

Wear safety equipment recommended on MSDS, place Wet Floor Signs and read all directions and cautions prior to beginning your work.



**FOR GENERAL CLEANING and DEODORIZING:** Dilute 2 to 4 ounces of concentrate per gallon of warm water. Sponge or spray onto surface and allow to stand a few moments. Wipe clean with a clean cloth or sponge.

**FOR MACHINERY, ENGINES, RUBBER BURNS, GRAFFITI and HEAVY INDUSTRIAL CLEANING:** Dilute 6 ounces of concentrate per gallon of warm water. Mop, spray, or sponge onto surface and allow to stand at least 5 minutes. Scrub or brush thoroughly and rinse with clean water.

**FOR GREASE TRAPS:** Add 6 ounces weekly to all drain openings and allow to stand at least 10 minutes before flushing.

**FOR TOILETS, SINKS, URINALS, SHOWER STALLS, BATHTUBS, CHROME FIXTURES and CERAMIC TILES:** Dilute 2 to 4 ounces of concentrate per gallon and apply to surface, allowing to stand a few moments. Rinse away all soap film, scale and grime.

**FOR CARPETS, RUGS, UPHOLSTERY and FABRICS:** Dilute 6 ounces of concentrate per gallon of warm water. Apply with a sprayer or clean cloth. Do not over-wet. Gently work out gum, tar, grease, oil, etc. Blot dry with clean cloth.

**FOR ODOR CONTROL AROUND DUMPSTERS, GARBAGE DISPOSALS, SEPTIC TANKS, SEWAGE PLANTS, KENNELS, ETC.:** Dilute 4 ounces of concentrate per gallon of water. Spray or mop onto area to be treated and allow to stand. Around sewage treatment plants apply by the drip method or fogging.

NOTE: Pretest all plastic surfaces prior to use.

Contains No  
Petroleum  
Distillates

Extremely  
Versatile

Highly  
Concentrated



**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**

**Product Name:** Orange Attack  
**Generic Name:** All Natural Citrus Solvent Cleaner  
**Chemical Family:** D-limonene Detergent Blend  
**Formula:** Proprietary  
**Triple S Product Number:** 48087, 48088

**Manufactured For:** Triple S  
**Address:** 2 Executive Park Drive Billerica, MA 01862  
**Phone #:** 800-323-2251

**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**

**Boiling Point (°F):** 335 F. **Initial Specific Gravity:** .855  
**Vapor Pressure:** 1.2 mm Hg @ 68 F. **Vapor Density (Air=1):** >1  
**% Volatile:** 90+ **pH:** 12.0 – 12.5  
**Solubility in Water:** Emulsifies **Evaporation Rate (Water=1):** <1  
**VOC Content Information:** % VOC = 78.0 5.6 lb/gal 671.1 gm/l  
**Physical Description:** Thin orange liquid with pleasant odor.

**Flash Point (Method Used):** 108 F. (TCC)  
**Upper Explosion Limit:** 6.0 **Lower Explosion Limit:** 1.0  
**Extinguishing Media:** Foam, CO<sub>2</sub>, or Dry Chemical  
**Special Firefighting Procedures:** Do Not Use Water.  
**Unusual Fire and Explosion Hazards:** Drums heated by fire can explode.

**SECTION 5-REACTIVITY DATA**

**Stability:** Stable **Hazardous Polymerization:** None  
**Hazards Decomposition Products:** Carbon monoxide possible if burned. **Incompatibility (Materials to Avoid):** 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 are 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**

**SARA Title III - Section 311/312 -Hazard Categories:**  
 Yes - Fire Hazard  
 No - Sudden Release of Pressure Hazard  
 No - Reactivity Hazard  
 Yes - Immediate (acute) Health Hazard  
 No - Delayed (chronic) Health Hazard

**Shipping Information:**  
 FOR CONTAINERS > 1 Gallon : Cleaning Compound  
 FOR 1 GALLON CONTAINERS : Cleaning Compound  
 FOR CONTAINERS < 1 GALLON : Cleaning Compound

**HMIS Hazardous Materials Identification System**

<b>Health</b>	<b>2</b>
<b>Flammability</b>	<b>2</b>
<b>Reactivity</b>	<b>0</b>
<b>Personal Protection</b>	<b>B</b>

**FOR EMERGENCY MEDICAL OR TRANSPORT INFORMATION: ER# 1-888-779-1339**

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