

## **Maintenance Solutions**

# **High Active Citrus** Carpet Sinks **Solvent Cleaner** Toilets



#### DESCRIPTION

An economical yet highly active natural citrus solvent based cleaner-degreaser. 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.

Machinery Tools Printing Presses Concrete Ceramic Tiles

For Use On:

**Appliances** Dumpsters All Metals Paneling Fiberglass

#### DIRECTIONS

Urinals

Laundry

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 concentrate 8 ounces 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 8 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 per gallon and apply to surface, allowing to stand a few moments. Rinse away all soap film and scale. FOR CARPETS, RUGS, UPHOLSTERY and FABRICS: Dilute 6 to 8 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.

- **PRODUCT SPECIFICATIONS**
- Active Ingredients: Color: Odor: Base: pH: Viscosity: Foam: Abrasives: **Phosphate Content:**
- 75.0 ± 0.5% Orange Orange 100% natural citrus solvent 12.0 - 12.5 Slightly viscous Moderate None None

Fumes: Solubility: **Emulsification: Detergency: Rinsability: Biodegradability:** Storage/Stability: Weight per Gallon: Freeze / Thaw Stability:

None Emulsifiable Excellent Excellent Excellent Complete 2 years 7.39 lbs./gal. Keep from freezing

Misco Products Corporation • Reading, PA • (800) 548-4568 FAX (610) 926-1194 www.miscoprod.com

### MATERIAL SAFETY DATA SHEET

SECTION 1-	PRODUCT IDENTIFICA	ΓΙΟΝ AND SUPP		ION			
Manufacturer's Name:		Product Name: Orange Thunder					
Misco Products Corporation		Generic Name: Citrus Solvent Cleaner					
Manufacturer's Address:		Chemical Family: Solvent Detergent Blend					
1048 Stinson Drive Reading, PA 19605	Formula: Proprietary						
<b>Manufacturer's Phone #:</b> (610) 926-4106							
	SECTION 2-INGRED						
CHEMICAL NAME	CAS NO.	WT. %	PEL	TWA-TLV	STEL-TLV		
Water Citrus Terpenes (dílimonene)	7732-18-5 5989-27-5	to 100 35 to 40					
Butyl Glycol	111-76-2	20 to 25	25 ppm	25 ppm	N/A		
Coconut Diethanolamide	8051-30-7	0 to 5		-o pp.m	1011		
Nonionic Surfactant	9016-45-9	0 to 5					
Anionic Surfactant	Proprietary	5 to 10					
Dye	N/A	0 to 5					
SECTION 3-PHYSIC	SECTION 4-FIRE AND EXPLOSION HAZARD DATA						
Boiling Point (°F): 335 F. Initial Specif	Flash Point (Method Used): 114 F. (TCC) Upper Explosion Limit: 6.0 Lower Explosion Limit: 1.0						
	<b>Density (Air=1): &gt;1</b> 2.0 ñ 12.5	Upper Explosion Limit: 6.0 Lower Explosion Limit: 1.0 Extinguishing Media: Foam, CO <sub>2</sub> , or Dry Chemical					
	ration Rate (Water=1): <1	Special Firefighting Procedures: Do Not Use Water.					
<b>Physical Description:</b> Thin orange liquid with plea		-	re and Explosion Hazai			e.	
		ACTIVITY DAT	A				
Stability: Stable		Hazardous Poly	merization: None				
Hazards Decomposition Products: Carbon monoxide possible if burned. Incompatibility (Materials to Avoid): None known.							
	CTION 6-STORAGE ANI						
Combustible liquid ñ Avoid contact with heat, sparl							
storage. For institutional and industrial use only. A	<u> </u>	clothing. Wear prot	tective eyewear and rubb	er gloves when ha	andling. Avoid		
breathing of vapors or mists. Use in well-ventilated SECTION 7-HEALTH HAZARDS		SECTIO	N & CDECIAL DDO	TECTION INI			
Effects of Overexposure:	AND FIRST AID		N 8-SPECIAL PRO		UNIATION		
<b>Skin:</b> Defatting to skin with prolonged or repeated of	<b>Respiratory Protection:</b> Use in well-ventilated area. <b>Ventilation Requirements:</b> Provide local exhaust to keep TLV of Section 2 in-						
and irritation.	gredients below acceptable limit.						
Eyes: Eye irritant. May cause redness, burning, or t	Protective Gloves: Chemical resistant rubber or neoprene.						
Inhalation: Vapors and mists may be irritating to n	Eye Protection: Safety glasses or chemical splash goggles.						
throat, and lungs.		Other Protective	e <b>Equipment:</b> Eyewash s	should be availabl	e nearby.		
<b>Ingestion:</b> May be irritating to the mouth, throat, an	id gastrointestinal system.	0					
First Aid Procedures:	SECTION 9-SPILL OR LEAK PROCEDURES						
<b>Skin:</b> Flush with water. Seek medical attention if in <b>Eyes:</b> Flush with large quantities of water, holding	Steps to be taken in Case Material is Released or Spilled: Shut off all ignition sources. Ventilate area well. Floors will become slippery. Avoid walking in						
attention if irritation persists.	product. Keep unessential personnel away. Mop up or otherwise absorb and hold						
<b>Inhalation:</b> Get to fresh air. Seek medical attention	disposal. Avoid discharge to sewer or open waterways.						
Ingestion: Do not induce vomiting. Drink large qua	Waste Disposal Method: Any method in accordance with local, state and federal						
attention immediately.	laws. Best method is to recycle or reuse for intended purpose. 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 DECUI			ighly before disca	rding in trash.		
SARA Title III - Section 311/312 -Hazard (	SECTION 10-REGUL Categories: Shipping Inf		MATION	нміє н	azardous Materia	c	
Yes - Fire Hazard		NERS > 1 Gallon : $($	Cleaning Compound		ation System		
No - Sudden Release of Pressure Hazard	i on continu	Linds i Guion .	compound	Health		2	
No - Reactivity Hazard	FOR 1 GALLO	N CONTAINERS :	Cleaning Compound	Flamma	bility	2	
Yes - Immediate (acute) Health Hazard	•			IN CONTAINERS : Cleaning Compound Flammability 2 Reactivity 0			
No - Delayed (chronic) Health Hazard	FOR CONTAI	NERS < 1 GALLON	: Cleaning Compound		Protection	В	
FOR EMERGENCY MEDICAL OR TRANSPOR	RT INFORMATION: CHEM-	TEL, Inc. @ 800-255	5-3924 ( <b>24 hours, 7 d</b>	ays per week)			
This product contains the following toxic chemical(s)				ing and Communi	ty Right-To-Know A	Act	
of 1986 and of 40 CFR 372.	Chemical Name		Dercont by Waisht				
CAS# 111-76-2	Butyl Glycol (glycol eth	Percent by Weight 20					
This product contains the following chemical(s) which							
CAS#	Chamical Nama	c	Percent h	w Weight			

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