



# The Punch Line®

# ORANGE FRESH™

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## 100% Active d-Limonene Based Specialty Degreaser

This specially designed "natural" based solvent degreaser instantly emulsifies grease, oil and tar. This product is 100% active, it contains no petroleum distillates and is non-corrosive. The organic extract used in this formulation makes this product very easy to use and leaves a fresh lingering scent when the job is completed. This product is ready-to-use for removing gum, tar, adhesives, and cosmoline. It can be diluted with water to form a milky white emulsion for various degreasing.

### RECOMMENDED DILUTION RATIOS

Tar, Gum, Adhesives, etc	READY-TO-USE
Heavy Degreasing (Oil, Grease, Soot)	1:1 to 1:3
General Degreasing (20oz. Per Gallon)	1:5
Automatic Scrubbers (12oz. Per Gallon)	1:10

### SPECIFICATIONS

Color: Orange  
 Fragrance: Citrus  
 Density: 7.09 lbs. Gal.  
 Specific Gravity: 0.852  
 Shelf Life: 1 Year Min.  
 Flash Point: 115°F



### AVAILABLE IN:

**4x1 Gallons - 00101**  
**12x1 Quarts - 00132**  
**5 Gallon Pail - 00105**  
**55 Gallon Drum - 00155**

ORANGE FRESH #001

## MATERIAL SAFETY DATA SHEET

Date Prepared: August 25, 2003 by Charles D. Werner

<b>SECTION 1 - PRODUCT IDENTIFICATION</b>			
Manufacturer Name: Formula Corporation		Emergency Phone No: 1-800-228-5635 ext. 059	
Address: 7901 2nd Ave. S., Seattle, WA 98108			
Trade Name: PUNCH LINE ORANGE FRESH		Product Type: Citrus Based Degreaser	
Formula Code: FLCORNOO		Formula:	
<b>SECTION 2 - HAZARDOUS INGREDIENTS</b>			
Chemical Name/Common Name:	CAS NO.	PERCENT (optional)	TLV (Source)
d-Limonene	5989-27-5	94	none established
VOC = 790 g/Liter			
<b>SECTION 3 - PHYSICAL DATA</b>			
Boiling Point: (F) 348		Specific Gravity: (H <sub>2</sub> O = 1.0) 0.8	pH: N/A
Vapor Pressure: (mmHg) 2 (at 20C)		Vapor Density: Heavier than air	
Solubility In Water: Emulsifiable (or dispersible)			
Evaporation Rate (Vs ether) Slower			
Appearance and Odor: Orange color and orange fragrance			
<b>SECTION 4 - FIRE AND EXPLOSION HAZARD DATA</b>			
Flash Point (T.C.C.): 115 F Flammable Limits Lower: 0.7% Upper: 6.1%			
Extinguishing Media: Foam, Alcohol Foam, CO <sub>2</sub> , dry chemical, water Fog			
Special Fire Fighting Procedures: Fire fighters should wear self-contained breathing apparatus and full protective clothing. Use Water spray to cool nearby containers and structures exposed to fire.			
Unusual Fire and Explosion Hazards: Extinguish all nearby sources of ignition because vapors may be moved by air currents.			
<b>SECTION 5 - REACTIVE DATA</b>			
Stability: Stable		Incompatibility: Strong oxidizers	
Hazardous Decomposition Products: may liberate carbon dioxide or carbon monoxide.			
<b>SECTION 6 - HEALTH HAZARDS</b>			
Threshold Limit Value - Product (See Section 2 for Ingredient TLV)		None Established	
Primary Routes of Exposure: Eye - yes Skin-Not Established Oral-yes Inhalation-yes Other			
Signs and Symptoms of Over-exposure (Acute): EYES: Vapors and mists may irritate the eyes. Inhalation of higher concentration may cause headaches.			
Signs and Symptoms of Over-exposure (Chronic): No specific information available.			
Medical Conditions Aggravated by Over-exposure: Persons with pre-existing skin disorders, eye problems, impaired respiratory function may more susceptible to effects.			
Carcinogen or Suspect Carcinogen Ingredients: NTP - NO IARC - NO OSHA - NO NONE			
<b>SECTION 7 - EMERGENCY AND FIRST AID PROCEDURES</b>			
Eyes: Flush with immediately with lots of running water for at least 15 minutes holding eyelids open. Get medical attention.			
Skin: Wash skin with soap and water. Remove contaminated clothing & shoes.			
Ingestion: DO NOT INDUCE VOMITING If vomiting occurs spontaneously, keep victims head below his hips to prevent his breathing vomitus into his lungs. Call physician or poison control center immediately, Treat symptomatically.			
Inhalation: Get to fresh air.			
<b>SECTION 8 - SPECIAL PROTECTION INFORMATION</b>			
Respiratory Protection: not normally required		Ventilation Requirements: Adequate ventilation required. Mechanical required if necessary to maintain exposure below PEL.	
Protective Gloves: Wear resistant gloves if excessive exposure is anticipated.		Eye Protection: Not normally required. Recommended if used overhead or misting or spraying.	
Other Protective Clothing: Where gross eye and skin contact may occur use and wear appropriate protective clothing, including resistant clothing, rubber boots with pants on the outside, and rubber gloves.			
<b>SECTION 9 - SPILL OR LEAK PROCEDURES</b>			
Steps to be Taken if Released or Spilled: EXTINGUISH ALL IGNITION SOURCES. For small spills, mop or wipe up and contain. For large spills, contain by diking with absorbent material and contain. Keep material out of sewers, storms drains, surface waters, & soils.			
Waste Disposal Methods: Note that the contaminates of the product must be consider when disposing. Consult appropriate Federal, State and Local regulatory agencies to ascertain proper disposal procedures and comply with them.			
<b>SECTION 10 - STORAGE AND HANDLING INFORMATION</b>			
Precautions to be Taken in Handling and Storage: KEEP AWAY FROM HEAT, SPARKS AND FLAMES. Store in a cool dry, well ventilated place away from incompatible materials. Keep container tightly closed when not in use. Do not use pressure to empty container.			