

# SAFETY DATA SHEET

Date Prepared : 05/22/2015

SDS No : SPL475T

## Tunnel Pro Citrus Degreaser #475

### 1. PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** Tunnel Pro Citrus Degreaser #475  
**GENERAL USE:** Degreaser for Hard Surface Cleaning

**MANUFACTURER**

Scotch Plaid, Inc.  
 2969 Reward Lane  
 Dallas, TX 75220  
**Customer Service:** 800-527-5220

**24 HR. EMERGENCY TELEPHONE NUMBERS**

ChemTel: 800-255-3924

### 2. HAZARDS IDENTIFICATION

**GHS CLASSIFICATIONS**

**Health:**

Serious Eye Damage, Category 1  
 Skin Irritation, Category 2

**Environmental:**

Not Classified

**Physical:**

Not Classified

**GHS LABEL**



Corrosion



Exclamation  
mark

**SIGNAL WORD:** DANGER

**HAZARD STATEMENTS**

H315: Causes skin irritation.  
 H319: Causes serious eye irritation.

**PRECAUTIONARY STATEMENTS**

**Prevention:**

P280: Wear protective gloves/protective clothing/eye protection/face protection.  
 P264: Wash face, hands and any exposed skin thoroughly after handling.

**Response:**

P302+P352: IF ON SKIN: Wash with plenty of soap and water.  
 P332+P313: If skin irritation occurs: Get medical advice/attention.  
 P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
 P337+P313: If eye irritation persists: Get medical advice/attention.  
 P301+P330+P331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.  
 P312: Call a POISON CENTER or doctor / physician if you feel unwell.  
 P362+P364: Take off contaminated clothing and wash it before reuse.

**Storage:**

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P102: Keep out of reach of children.

P234: Keep only in original packaging.

**Disposal:**

P501: Dispose of contents/container to an approved waste disposal plant.

**POTENTIAL HEALTH EFFECTS**

**EYES:** Contact causes severe eye irritation.

**SKIN:** Causes skin irritation

**SKIN ABSORPTION:** None Expected.

**INGESTION:** May cause irritation of the mucous membranes.

**INHALATION:** Inhalation may cause irritation to mucous membranes.

**MEDICAL CONDITIONS AGGRAVATED:** None known.

**3. COMPOSITION / INFORMATION ON INGREDIENTS**

Chemical Name	Wt.%	CAS
Silicic Acid (H <sub>2</sub> SiO <sub>3</sub> ), Disodium Salt	1 - 5	6834-92-0
Glycine, N,n'-1,2-ethanediylbis[n-(carboxymethyl)-, Tetrasodium Salt	1 - 5	64-02-8
D-limonene	1 - 5	5989-27-5

**4. FIRST AID MEASURES**

**EYES:** Immediately flush eyes with plenty of water. Get medical attention, if irritation persists.

**SKIN:** Wash with soap and water. Get medical attention if irritation develops or persists.

**INGESTION:** Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

**INHALATION:** Remove victim to fresh air. If irritation persists, get medical attention.

**SIGNS AND SYMPTOMS OF OVEREXPOSURE**

**EYES:** Contact causes serious eye irritation.

**SKIN:** Contact causes skin irritation.

**INGESTION:** May cause headache and nausea.

**INHALATION:** May cause irritation to mucous membranes.

**ACUTE EFFECTS:** Eye contact may cause stinging, tearing, redness and blurred vision. Skin contact may cause redness and irritation.

**CHRONIC EFFECTS:** None known.

**NOTES TO PHYSICIAN:** Treat symptomatically

**5. FIRE FIGHTING MEASURES**

**FLAMMABLE CLASS:** Not flammable or combustible

**EXTINGUISHING MEDIA:** Use dry chemical, carbon dioxide, water spray (fog) or foam when fighting fires involving this material.

**EXPLOSION HAZARDS:** None

**FIRE FIGHTING PROCEDURES:** Use fire fighting measures that are appropriate for the local circumstance and the surrounding environment.

**FIRE FIGHTING EQUIPMENT:** Use personal protective equipment

**HAZARDOUS DECOMPOSITION PRODUCTS:** Oxides of Carbon and Nitrogen

**6. ACCIDENTAL RELEASE MEASURES**

**SMALL SPILL:** After removal, flush contaminated area thoroughly with water.

**LARGE SPILL:** Dike spilled material or otherwise contain material to ensure runoff does not reach into soil, ditches, sewers and / or groundwater. Transfer material into suitable containers for proper disposal in accordance with local, state and federal regulations.

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**ENVIRONMENTAL PRECAUTIONS**

**WATER SPILL:** Do not allow material to contaminate waterways.

**LAND SPILL:** Do not allow material to contaminate the soil.

**GENERAL PROCEDURES:** Ensure clean-up is conducted by trained personnel only. Refer to protective measures listed in Sections 7 and 8.

**SPECIAL PROTECTIVE EQUIPMENT:** For personal protection see section 8.

**COMMENTS:** Inform appropriate managerial or supervisory personnel of all environmental releases. Prevent further leakage or spillage if safe to do so.

**7. HANDLING AND STORAGE**

**GENERAL PROCEDURES:** Handle in accordance with good industrial hygiene and safety procedures. Use personal protection recommended in Section 8. Follow all product label instructions.

**HANDLING:** Follow all SDS/label precautions even after container is emptied because it may retain product residues.

**STORAGE:** Keep out of reach of children. Store in original container in a cool, dry and well ventilated area.

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION****EXPOSURE GUIDELINES**

OSHA HAZARDOUS COMPONENTS (29 CFR1910.1200)				
			EXPOSURE LIMITS	
			Supplier OEL	
Chemical Name			ppm	mg/m <sup>3</sup>
D-limonene	TWA		30	

**ENGINEERING CONTROLS:** None usually needed.

**PERSONAL PROTECTIVE EQUIPMENT**

**EYES AND FACE:** Safety glasses with side shields.

**SKIN:** Chemical resistant gloves.

**RESPIRATORY:** No personal respiratory equipment normally required.

**PROTECTIVE CLOTHING:** Wear suitable protective clothing to prevent contact with skin.

**WORK HYGIENIC PRACTICES:** Wash contaminated clothing before reuse. Wash face, hands and any exposed skin thoroughly after handling.

**OTHER USE PRECAUTIONS:** Protective clothing and equipment should be in accordance with 29 CFR 1910.132 and 1910.133.

**COMMENTS:** Eyewash stations and safety showers should always be in place where chemicals are handled and stored.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**PHYSICAL STATE:** Liquid

**ODOR:** Citrus

**ODOR THRESHOLD:** Not determined for this mixture.

**APPEARANCE:** Clear liquid

**COLOR:** Orange

**pH:** 12.0 to 13.0 (full strength)

**PERCENT VOLATILE:** (w/w) 70-80% mostly as water.

**FLASH POINT AND METHOD:** Non Flammable

**FLAMMABLE LIMITS:** Non Flammable

**AUTOIGNITION TEMPERATURE:** No data available for this mixture.

**VAPOR PRESSURE:** No data available for this mixture.

**VAPOR DENSITY:** No data available for this mixture.

**BOILING POINT:** Near that of water

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**FREEZING POINT:** Near that of water.

**THERMAL DECOMPOSITION:** No data available for this mixture.

**SOLUBILITY IN WATER:** Complete

**EVAPORATION RATE:** Near that of water.

**SPECIFIC GRAVITY:** 1.06 to 1.070 g/ml

**(VOC):** 1.000 to 5.000 (Weight %)

**OXIDIZING PROPERTIES:** This product is not classified as oxidizing

## 10. STABILITY AND REACTIVITY

**REACTIVITY:** Stable under normal conditions.

**HAZARDOUS POLYMERIZATION:** Will not occur.

**STABILITY:** Stable under normal conditions.

**CONDITIONS TO AVOID:** Excessive heat or cold.

**POSSIBILITY OF HAZARDOUS REACTIONS:** No dangerous reaction known under conditions of normal use.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Oxides of Carbon and Nitrogen.

**INCOMPATIBLE MATERIALS:** Strong oxidizing agents, strong reducing agents, bases and certain metals.

## 11. TOXICOLOGICAL INFORMATION

### ACUTE

Chemical Name	ORAL LD <sub>50</sub>	DERMAL LD <sub>50</sub>	INHALATION LC <sub>50</sub>
Silicic Acid (H <sub>2</sub> SiO <sub>3</sub> ), Disodium Salt	600 mg/kg (rat)	No data	No data
Glycine, N,n'-1,2-ethanediylbis[n-(carboxymethyl)-, Tetrasodium Salt	3030 mg/kg (rat)	> 5000 mg/kg (rabbit)	Not determined
D-limonene	4400 mg/kg (rat)	> 5000 mg/kg (rabbit)	No data

**EYE EFFECTS:** Causes serious eye irritation.

**SKIN EFFECTS:** Causes skin irritation.

**CHRONIC:** Health injuries are not known or expected under normal use.

### CARCINOGENICITY

**IARC:** No ingredient in this product is present at levels greater than or equal to 0.1% is identified as a probable, possible or confirmed human carcinogen by IARC.

**NTP:** No ingredient in this product is present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

**OSHA:** No ingredient in this product is present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

**REPEATED DOSE EFFECTS:** No data available for this mixture.

**IRRITATION:** Skin and eye irritation.

**SENSITIZATION:** No data available for this mixture.

**NEUROTOXICITY:** No data available for this mixture.

**GENETIC EFFECTS:** No data available for this mixture.

**REPRODUCTIVE EFFECTS:** No data available for this mixture.

**TARGET ORGANS:** No data available for this mixture.

**TERATOGENIC EFFECTS:** No data available for this mixture.

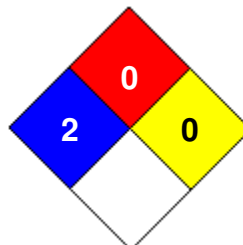
**MUTAGENICITY:** No data available for this mixture.

**SYNERGISTIC MATERIALS:** No data available for this mixture.

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**12. ECOLOGICAL INFORMATION****ECOTOXICOLOGICAL INFORMATION:** Toxic to aquatic life with long lasting effects.**BIOACCUMULATION/ACCUMULATION:** The potential for bioconcentration in organisms is low.**AQUATIC TOXICITY (ACUTE):** No data available for this mixture.**CHEMICAL FATE INFORMATION:** This product is expected to be readily biodegradable.**13. DISPOSAL CONSIDERATIONS****DISPOSAL METHOD:** Follow all Federal, State and Local Regulations appropriate for this material.**PRODUCT DISPOSAL:** Wastewater resulting from this product should be directed to a proper waste water treatment facility.**EMPTY CONTAINER:** Empty containers should be taken to an approved waste handling site for recycling or disposal. Do not re-use empty containers.**14. TRANSPORT INFORMATION****DOT (DEPARTMENT OF TRANSPORTATION)****PROPER SHIPPING NAME:** Not regulated as dangerous goods.**ROAD AND RAIL (ADR/RID)****PROPER SHIPPING NAME:** Not dangerous goods.**15. REGULATORY INFORMATION****UNITED STATES****SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)****311/312 HAZARD CATEGORIES:** Acute Health Hazard**FIRE:** No **PRESSURE GENERATING:** No **REACTIVITY:** No **ACUTE:** Yes **CHRONIC:** No**313 REPORTABLE INGREDIENTS:** This product does not contain any chemical components that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.**302/304 EMERGENCY PLANNING****EMERGENCY PLAN:** No chemicals in this product are subject to the reporting requirements of SARA Title III, Section 302.**CERCLA (COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT)****CERCLA REGULATORY:** Not listed.**TSCA (TOXIC SUBSTANCE CONTROL ACT)****TSCA REGULATORY:** All ingredients are listed.**CALIFORNIA PROPOSITION 65:** This product contains trace amounts of Ethylene Oxide. CAS# 75-21-8**OSHA HAZARD COMM. RULE:** This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.**16. OTHER INFORMATION****REASON FOR ISSUE:** New SDS format**Date Prepared:** 05/22/2015**HMIS RATING**

<b>HEALTH</b>	<input type="checkbox"/>	<b>2</b>
<b>FLAMMABILITY</b>	<input type="checkbox"/>	<b>0</b>
<b>PHYSICAL HAZARD</b>	<input type="checkbox"/>	<b>0</b>
<b>PERSONAL PROTECTION</b>	<input type="checkbox"/>	<b>B</b>

**NFPA CODES****ADDITIONAL SDS INFORMATION:** This Safety Data Sheet applies to this product in its concentrated form (as supplied). The hazards of this product will diminish significantly at end use dilution ratios.

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**MANUFACTURER DISCLAIMER:** The information provided in the Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with other material or in any process, unless specified in the text.

End of Safety Data Sheet