




SAFETY DATA SHEET

1. Product and Company Identification			
PRODUCT NUMBER:	124411	COMPANY PHONE:	1-800-241-8180
PRODUCT NAME:	ULTRA ORANGE	EMERGENCY TELEPHONE:	1-800-535-5053
PRODUCT DESCRIPTION:	Foaming Citrus Cleaner & Degreaser	INFOTRAC:	1-800-535-5053
COMPANY INFORMATION:	PRO CHEM, INC. 1475 Bluegrass Lakes Parkway Alpharetta, GA 30004		

2. Hazards Identification					
GHS CLASSIFICATION: Flammable Aerosol: Category 2 Gases Under Pressure: Liquefied Gas Eye Irritant: Category 2A Skin Sensitization: Category 1B	SIGNAL WORD: WARNING	SYMBOL:			
HAZARD STATEMENTS: Flammable Aerosol. Contains gas under pressure; May explode if heated. Causes serious eye irritation. May cause an allergic skin reaction. This product contains the following percentage of chemicals of unknown toxicity: 0%					
PRECAUTIONARY STATEMENTS: Prevention: Keep away from heat, sparks, open flames, and hot surfaces. No smoking. Do not spray on an open flame or other ignition source. Pressurized Container: Do not pierce or burn, even after use. Store in a well-ventilated place. Wash hands thoroughly after handling. Wear protective gloves and eye protection/face protection. Response: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. Avoid breathing dust/fume/gas/mist/vapors/spray. Contaminated work clothing must not be allowed out of the workplace. IF ON SKIN: wash with plenty of water. If skin irritation or rash occurs: Get medical advice/attention. Wash contaminated clothing before reuse. Storage: Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F. Store in a well-ventilated place. Disposal: Dispose of contents/container in accordance with local, state and federal law.					
HAZARDS NOT OTHERWISE SPECIFIED: Not applicable.					

3. Composition / Information on Ingredients		
Chemical Name	CAS	Concentration % by Weight
n-Butane	106-97-8	1-5%
d-Limonene	5989-27-5	1-5%
Propane	74-98-6	1-5%
4-Nonylphenol, branched, ethoxylated	127087-87-0	1-5%

4. First Aid Measures	
EMERGENCY OVERVIEW	
EYES:	Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Seek medical attention if irritation persists.
SKIN:	Immediately wash with water for 15 minutes. Remove contaminated clothing and shoes immediately. Seek medical attention if irritation persists.
INHALATION:	Move to fresh air. If irritation or other symptoms develop, seek medical attention.
INGESTION:	Rinse mouth with water. Do not induce vomiting unless directed by medical authority. Seek medical attention if irritation persists. Never give anything by mouth to an unconscious person.
ACUTE HEALTH HAZARDS: Prolonged contact with skin may cause irritation. May cause an allergic skin reaction. Causes eye irritation including redness, tearing, and pain. Inhalation of mist or vapors may cause respiratory irritation. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.	
CHRONIC HEALTH HAZARDS: Dermatitis may occur due to long-term irritation. May cause skin sensitization.	
NOTE TO PHYSICIAN: Treatment of overexposure should be directed at the control of symptoms and the clinical condition.	

5. Fire-Fighting Measures	
EXTINGUISHING MEDIA: Use appropriate media for surrounding fire.	
UNSUITABLE FIRE EXTINGUISHING MEDIA: Not applicable.	
SPECIFIC HAZARDS ARISING FROM THE CHEMICAL: Keep away from sparks, open flames and hot surfaces. No smoking. Do not spray on an open flame or other ignition source.	
HAZARDOUS COMBUSTION PRODUCTS: Oxides of carbon and unidentified organic compounds may be formed during combustion.	

UNUSUAL FIRE AND EXPLOSION HAZARDS:

FLAMMABLE. Contents under pressure. Exposure to temperatures above 120°F may cause bursting. Keep away from heat, sparks, open flames and other sources of ignition.

SPECIAL FIRE FIGHTING PROCEDURES:

Wear NIOSH approved Self-Contained Breathing Apparatus with a full face piece operated in a positive pressure demand mode with full body protective clothing when fighting fires.

6. Accidental Release Measures**PERSONAL PROTECTIVE EQUIPMENT:**

Refer to section VIII for proper Personal Protective Equipment.

SPILL: Eliminate all sources of ignition. Clean up using cloth or absorbent material. Dispose of product-containing wiping cloth or absorbent paper in suitable manner. Place waste in proper containers for disposal.

WASTE DISPOSAL:

Dispose of in accordance with local, state and federal regulations. Do not reuse, puncture or incinerate container. Wrap container and place in trash collection.

RCRA STATUS:

Waste likely considered non-hazardous under RCRA, however, product should be fully characterized prior to disposal (40 CFR 261).

7. Handling and Storage**HANDLING AND STORAGE:**

Do not use or store near heat, open flames or other sources of ignition. Wear proper personal protective equipment when using this product. Avoid contact with skin, eyes and clothing. Store in a cool, dry area. Protect from sunlight. Store in a well-ventilated area. Do not expose to temperatures exceeding 50°C/122°F. Pressurized container: Do not pierce or burn, even after use. Wash hands thoroughly after handling. Wash contaminated clothing and shoes thoroughly before reuse.

OTHER PRECAUTIONS:

Keep out of the reach of children. Read and follow the directions on the product label. They are the best guide to using the product in the most effective manner. The label also gives you the necessary safety precautions to protect your health.

INCOMPATIBILITY:

None known.

8. Exposure Controls / Personal Protection

HAZARDOUS INGREDIENT	OSHA PEL	ACGIH TLV
n-Butane	Not established	1000 ppm
d-Limonene	Not established	Not established
Propane	1000 ppm	1000 ppm
4-Nonylphenol, branched, ethoxylated	Not established	Not established

PERSONAL PROTECTIVE EQUIPMENT: Safety glasses and chemical resistant gloves



Respiratory Protection: Wear NIOSH/MSHA approved respiratory protection if used in confined, poorly ventilated areas.

ADDITIONAL MEASURES:

Do not touch eyes when using this product. Wash hands thoroughly with soap and water after use. If clothing becomes contaminated, immediately remove and wash. Contaminated work clothing must not be allowed out of the workplace.

ENGINEERING CONTROLS / VENTILATION:

General ventilation adequate.

9. Physical & Chemical Properties

Appearance:	White Foam.	Flammability(solid/gas):	Flammable Aerosol
Odor:	Citrus.	Flammability Limit-lower (%):	Not determined.
Odor Threshold:	Not determined.	Flammability Limit-upper (%):	Not determined.
pH:	11.7-12.5	Explosive Limit-Lower (%):	Not determined.
Melting/Freezing Point:	Not determined.	Explosive Limit-Upper (%):	Not determined.
Initial Boiling Point/Range:	Not determined.	Vapor Density (AIR=1):	Not determined.
Viscosity:	Not determined.	Vapor Pressure (mm Hg):	Not determined.
Flash Point:	Not determined.	Relative Density (H2O=1):	0.985-1.003@ 77°F (25°C)
Evaporation Rate:	0.1 Slow	Solubility(ies):	100% water
Decomposition Temp:	Not determined.	Auto-Ignition Temp:	Not determined.
Partition Coeff(n-octanol/water):	Not determined.		

10. Stability & Reactivity Information**REACTIVITY:**

None known.

CHEMICAL STABILITY:

Stable.

POSSIBILITY OF HAZARDOUS REACTIONS:

None known.

CONDITIONS TO AVOID:

Temperatures greater than 122°F and sources of ignition.

INCOMPATIBLE MATERIALS:

None known.

HAZARDOUS DECOMPOSITION PRODUCTS:

None known.

11. Toxicological Information**TOXICOLOGICAL INFORMATION:****n-Butane** (106-97-8): LC50 (Inhalation, Rat, 4h) 30957 mg/m³.**d-Limonene** (5989-27-5): LD50 (Oral, Rat) 4400 mg/kg; LD50 (Mouse) 5600 mg/kg; LD50 (Dermal, Rabbit) 5000 mg/kg.**Propane** (74-98-6): LC50 (Inhalation, Rat, 4h) 658 mg/L.**4-Nonylphenol, branched, ethoxylated** (127087-87-0): LD50 (Oral) 3314 mg/kg; LD50 (Dermal, Rabbit) > 3000 mg/kg.**PRIMARY ROUTE OF ENTRY:** Eyes, Ingestion, Inhalation, Skin**Eyes:** Causes irritation, redness, tearing, pain.**Skin:** May cause irritation, dryness, redness with prolonged or repeated contact.**Inhalation:** May cause respiratory tract irritation.**Ingestion:** Not a likely route of exposure under normal product handling conditions. May cause gastrointestinal irritation, nausea, diarrhea, vomiting.**MEDICAL CONDITION AGGRAVATED:**

Pre-existing disorders of the skin, respiratory system and eyes will be aggravated by over exposure.

ACUTE HEALTH HAZARDS:

Prolonged contact with skin may cause irritation. May cause an allergic skin reaction. Causes eye irritation including redness, tearing, and pain.

Inhalation of mist or vapors may cause respiratory irritation. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

CHRONIC HEALTH HAZARDS:

Dermatitis may occur due to long-term irritation. May cause skin sensitization.

CARCINOGENICITY: OSHA: No ACGIH: No NTP: No IARC: 3 - Not classifiable OTHER: Not applicable.**12. Ecological Information****ECOTOXICITY:****d-Limonene** (5989-27-5): EC50 (*Pimephales promelas*, 96h) 688 µg/L; EC50 (*Daphnia magna*, 48h) 421 µg/L.**4-Nonylphenol, branched, ethoxylated** (127087-87-0): LC50 (*Pimephales promelas*, 96h) 7.7 mg/L; EC50 (*Daphnia*, 48h) 21.4 mg/L.**PERSISTENCE AND DEGRADABILITY:**

This product is biodegradable.

BIOACCUMULATIVE POTENTIAL:

This product is not expected to bioaccumulate.

MOBILITY IN SOIL:

This product is mobile in soil.

OTHER ADVERSE EFFECTS:

None known.

13. Disposal Consideration**WASTE DISPOSAL:**

Dispose of in accordance with local, state and federal regulations. Do not reuse, puncture or incinerate container. Wrap container and place in trash collection.

RCRA STATUS:

Waste likely considered non-hazardous under RCRA, however, product should be fully characterized prior to disposal (40 CFR 261).

14. Transportation Information**DOT:** UN Number: UN1950
UN Proper Shipping Name: Aerosols, Ltd. Qty.
Transport Hazard Class(es):
Class: 2.1
Packing Group: Not applicable.**IATA:** UN Number: UN1950
UN Proper Shipping Name: Aerosols, flammable
Transport Hazard Class(es):
Class: 2.1**IMDG:** UN Number: UN1950
UN Proper Shipping Name: Aerosols
Transport Hazard Class(es):
Class: 2.1
Environmental Hazards: Not applicable.**15. Regulatory Information****US FEDERAL REGULATIONS:****TSCA STATUS:** All Chemicals are listed or exempt.**CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT):** None.**SARA 311/312 HAZARD CATEGORIES:** Flammable (gases, aerosols, liquids, solids). Gas under pressure. Serious eye damage or eye irritation. Respiratory or skin sensitization.**SARA 313 REPORTABLE INGREDIENTS:** This product does not contain any chemical components with known CAS numbers that exceed the threshold (*de minimis*) reporting levels established by SARA Title III, Section 313.**CLEAN WATER ACT:** None.**STATE REGULATIONS:****California Proposition 65:** This product does not contain chemicals regulated by California Proposition 65.**INTERNATIONAL REGULATIONS:**

No information available.

VOLATILE ORGANIC COMPOUNDS (VOC): 9.8%

16. Other Information

N/A = Not Applicable; N/D = Not Determined

DISCLAIMER:

To the best of our knowledge, information contained herein is accurate. However, there is no assumption of liability for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazard, which exists. The information contained in this SDS was obtained from current and reliable sources; however, the data is provided without any warranty, expressed or implied, regarding its correctness or accuracy. Since the conditions or handling, storage and disposal of this product are beyond the control of the manufacturer, the manufacturer will not be responsible for loss, injury, or expense arising out of the products improper use. No warranty, expressed or inferred, regarding the product described in this SDS shall be created or inferred by any statement in this SDS. Various government agencies may have specific regulations regarding the transportation, handling, storage, use, or disposal of this product, which may not be covered by this SDS. The user is responsible for full compliance.