



SAFETY DATA SHEET

1. Product and Company Identification

PRODUCT NUMBER:	1646	COMPANY PHONE:	1-800-241-8180
PRODUCT NAME:	ORANGE AWAY	EMERGENCY TELEPHONE:	1-800-241-8180
PRODUCT DESCRIPTION:	Aerosol, All Natural, Solvent Cleaner	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 1 – H222
Skin Irritation: Category 2 – H315
Skin Sensitization: Category 1 – H317
Asp. Tox: Category 1 – H304
Full text of H-phrases: See Section 16

SIGNAL WORD:
DANGER

SYMBOL:



HAZARD STATEMENTS:

Extremely flammable aerosol. May be fatal if swallowed and enters airways. Causes skin irritation. May cause an allergic skin reaction.

PRECAUTIONARY STATEMENTS:

Prevention: Keep away from sparks, open flames, hot surfaces, heat. No smoking. Do not spray on an open flame or other ignition source.

Pressurized container: Do not pierce or burn, even after use. Avoid breathing gas. Wash thoroughly after handling. Contaminated work clothing must not be allowed out of the workplace. Wear protective gloves.

Response: IF SWALLOWED: Immediately call a POISON CENTER, a doctor. Do NOT induce vomiting. IF ON SKIN: Wash with plenty of water. Specific treatment: See first aid measures in Section 4. If skin irritation or rash occurs: Get medical advice/attention. Take off contaminated clothing and wash before reuse. 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. IF INHALED: Move to fresh air. Give oxygen or artificial respiration if necessary. If symptoms persist, call physician.

Storage: Store locked up. Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.

Disposal: Dispose of contents/container to comply with local/regional/international regulations.

HAZARDS NOT OTHERWISE SPECIFIED:

No additional information available.

UNKNOWN ACUTE TOXICITY:

Not applicable.

3. Composition / Information on Ingredients

CHEMICAL NAME	CAS	CONCENTRATION % by WEIGHT	CLASSIFICATION (GHS-US)
D-limonene (technical grade)	94266-47-4	60-80	Flam. Liq. 3, H226 Skin Irrit. 2, H315 Skin Sens. 1, H317 Asp. Tox. 1, H304
Propane	74-98-6	10-20	Flam. Gas 1, H220 Compressed gas, H280
Butane	106-97-8	2.5-10	Flam. Gas 1, H220 Compressed gas, H280
Alcohol Ethoxylate	68439-46-3	1-2.5	Acute Tox. 4 (Oral), H302 Skin Irrit. 2, H315 Eye Irrit. 2A, H319
UNDECETH-5	34398-01-1	1-2.5	Acute Tox. 4 (Oral), H302 Eye Dam. 1, H318
Alcohols, C12-13, Ethoxylated	66455-14-9	0.1-1	Skin Irrit. 2, H315 Eye Dam. 1, H318

4. First Aid Measures

EMERGENCY OVERVIEW

GENERAL: If you feel unwell, seek medical advice (show the label where possible).

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.

SKIN: Take off immediately all contaminated clothing and wash it before reuse. Wash skin with plenty of water. if skin irritation or rash occurs: Get medical advice/attention.

INHALATION: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.

INGESTION: Do NOT induce vomiting. Immediately call a poison center or doctor/physician. Rinse out with water.

MOST IMPORTANT SYMPTOMS/EFFECTS, ACUTE AND DELAYED:

Symptoms/injuries: If you feel unwell, seek medical advice.

Symptoms/injuries after inhalation: None under normal use.

Symptoms/injuries after skin contact: Causes skin irritation. May cause an allergic skin reaction. Repeated exposure may cause skin dryness or cracking.

Symptoms/injuries after eye contact: Direct contact with the eyes is likely irritation.

Symptoms/injuries after ingestion: May be fatal if swallowed and enters airways. Risk of aspiration pneumonia. Nausea. Cramps/uncontrolled

muscular contractions. Diarrhea.

INDICATION OF IMMEDIATE MEDICAL ATTENTION & SPECIAL TREATMENT NEEDED:

Treat symptomatically. Keep watching the victim. Symptoms may be delayed.

5. Fire Fighting Measures

SUITABLE FIRE EXTINGUISHING MEDIA:

Foam. Carbon dioxide. Dry chemical powder. Water fog.

UNSUITABLE FIRE EXTINGUISHING MEDIA:

Do not use a water jet since it may cause the fire to spread.

SPECIFIC HAZARDS ARISING FROM THE CHEMICAL:

Fire Hazard: May liberate toxic gases. Extremely flammable aerosol.

Explosion Hazard: Contains gas under pressure; may explode if heated.

Reactivity: Upon combustion, CO and CO₂ are formed.

SPECIFIC FIRE-FIGHTING METHODS:

Exercise caution when fighting any chemical fire. In case of fire, evacuate area. Fight fire remotely due to the risk of explosion. Use water spray or fog for cooling exposed containers. Take account of environmentally hazardous firefighting water.

SPECIAL PROTECTIVE EQUIPMENT FOR FIREFIGHTERS:

Do not enter fire area with proper protective equipment, including respiratory protection.

6. Accidental Release Measures

GENERAL MEASURES:

No flames. No sparks. Eliminate all sources of ignition. Isolate from fire, if possible, with unnecessary risk. Vapors may travel long distances along ground before igniting/flashing back to vapor source.

NONEMERGENCY PERSONNEL:

Protective Equipment: Protective goggles, gloves and protective clothing.

Emergency Procedures: Evacuate unnecessary personnel. Avoid contact with skin, eyes and clothing. Ventilate spillage area.

EMERGENCY PERSONNEL:

Protective Equipment: Equip cleanup crew with proper protection.

Emergency Procedures: Stop leak if safe to do so. Stop release. Ventilate area.

ENVIRONMENTAL PRECAUTIONS:

Avoid release to the environment. Prevent entry to sewers and public waters.

METHODS & MATERIAL FOR CONTAINMENT & CLEANUP:

For Containment: Contain released substance. Pump into suitable containers.

Methods for Cleaning Up: This material and its container must be disposed of in a safe way and as per local legislation.

REFERENCE TO OTHER SECTIONS:

No additional information available.

7. Handling and Storage

SAFE HANDLING:

Pressurized container. Do not pierce or burn, even after use. Do not use if spray button is missing or defective. Comply with the legal requirements. Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required. Do not eat or drink or smoke when using this product. Do not get in eyes, on skin or on clothing. Handle and open the container with care. Keep away from sources of ignition. No smoking. Use explosion-proof equipment. Use only nonsparking tools. Take precautionary measure against static discharge. Do not cut, weld, solder, drill, grind or expose containers to heat, flame, sparks or other sources of ignition. Do not spray on a naked flame or any incandescent material. Ground/bond container and receiving equipment. Use only outdoors or in a well-ventilated area. Do not reuse empty containers.

Hygiene Measures: Wash thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse.

SAFE STORAGE & INCOMPATIBILITIES:

Technical Measures: Comply with applicable regulations. Proper grounding procedures to avoid static electricity should be followed. Do not puncture, incinerate or crush.

Storage Conditions: Store locked up. Refrigerate (recommended).

Incompatible Products: Oxidizing agent. Strong acids.

Incompatible Materials: Sources of ignition. Pressurized container. Protect from sunlight and do not expose to temperatures exceeding 50°C.

Storage Area: Store away from heat. Store in a cool area. Store in a dry area. Store in a well-ventilated place. Keep locked up. Aerosol 3.

Special Rules on Packaging: Keep only in original container. Meet the legal requirements.

8. Exposure Controls / Personal Protection

Propane (74-98-6)		
ACGIH	ACGIH TWA (ppm)	1,000 ppm
OSHA	OSHA PEL (TWA) (ppm)	1,000 ppm
Butane (106-97-8)		
ACGIH	ACGIH TWA (ppm)	1,000 ppm
ACGIH	ACGIH STEL (ppm)	1,000 ppm

APPROPRIATE ENGINEERING CONTROLS:

Ensure adequate ventilation, especially in confined areas. F exposure limits have not been established, maintain airborne levels to an acceptable level. Emergency eyewash fountains and safety showers should be available in the immediate vicinity of any potential exposure.

PERSONAL PROTECTIVE EQUIPMENT:

Use appropriate personal protective equipment when risk assessment indicates this is necessary. Gloves. Safety glasses. Protective goggles. Protective clothing.



Hand Protection: Gloves

Eye Protection: Avoid contact with eyes. Wear eye/face protection.

Skin & Body Protection: Avoid contact with skin. Wear suitable protective clothing.

Respiratory Protection: If permissible levels are exceeded, use NIOSH mechanical filter/organic vapor cartridge or an air-supplied respirator.

Thermal Hazard Protection: Use appropriate personal protective equipment when risk assessment indicates this is necessary.

Consumer Exposure Controls: When using, do not smoke. Keep away from food and drink. Use good personal hygiene practices. Wash hands and other exposed areas with mild soap and water before eating, drink or smoke and when leaving work. Take off contaminated clothing and wash before reuse.

9. Physical & Chemical Properties

Appearance:	Aerosol.	Flammability(solid/gas):	No data available.
Physical State:	Gas.	Explosive Limits:	No data available.
Odor:	Citrus scent.	Explosive Properties:	No data available.
Odor Threshold:	No data available.	Oxidizing Properties:	No data available.
pH:	No data available.	Vapor Pressure:	30-45 psig at 70°F (estimated).
Melting Point:	No data available.	Relative Density:	No data available.
Freezing Point:	No data available.	Solubility (water):	No data available.
Log Pow:	No data available.	Auto Ignition Temperature:	No data available.
Viscosity:	No data available.	Decomposition Temperature:	No data available.
Specific Gravity/Density:	0.7583 g/ml (estimated).	Relative Vapor Density @ 20°C:	No data available.
Boiling Point:	348.8°F (estimated).	Log Kow:	No data available.
Flash Point:	-156°F propellant (estimated).	Viscosity (kinematic):	<20 cSt
VOC Content:	>90%	Viscosity (dynamic):	No data available.
		Relative Evap Rate (butyl acetate=1):	No data available.

10. Stability & Reactivity Information

REACTIVITY:

Upon Combustion: CO and CO₂ are formed.

CHEMICAL STABILITY:

Stable under normal conditions. Risk of ignition.

POSSIBILITY OF HAZARDOUS REACTIONS:

No dangerous reactions known under normal conditions of use. Hazardous polymerization does not occur.

INCOMPATIBLE MATERIALS:

Strong oxidizing agents. Nitrates. Fluorine. Chlorine.

CONDITIONS TO AVOID:

Heat. Open flame. Sparks. Aerosol containers are unstable at temperatures above 49°C. Avoid temperatures exceeding the flash point.

HAZARDOUS DECOMPOSITION PRODUCTS:

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

11. Toxicological Information

ACUTE TOXICITY:

Not classified.

Alcohol Ethoxylate (68439-46-3)	
LD50 oral rat	1,400 mg/kg estimated
LD50 dermal rabbit	>5,000 mg/kg
ATE CLP (oral)	1,400.000 mg/kg body weight
UNDECETH-5 (34398-01-1)	
LD50 oral rat	>1,400 mg/kg

SKIN CORROSION/IRRITATION:

Causes skin irritation.

SERIOUS EYE DAMAGE/IRRITATION:

Not classified.

RESPIRATORY OR SKIN SENSITIZATION:

May cause an allergic skin reaction.

GERM CELL MUTAGENICITY:

Not classified.

CARCINOGENICITY:

Not classified.

REPRODUCTIVE TOXICITY:

Not classified.

SPECIFIC TARGET ORGAN TOXICITY (single exposure):

Not classified.

SPECIFIC TARGET ORGAN TOXICITY (repeated exposure):

Not classified.

ASPIRATION HAZARD:

May be fatal if swallowed and enters airways.

Symptoms/injuries after inhalation:

None under normal use.

Symptoms/injuries after skin contact:

Causes skin irritation. May cause an allergic skin reaction. Repeated exposure may cause skin dryness or cracking.

Symptoms/injuries after eye contact:

Direct contact with the eyes is likely irritating.

Symptoms/injuries after ingestion:

May be fatal if swallowed and enters airways. Risk of aspiration pneumonia. Nausea.

Cramps/uncontrolled muscular contractions. Diarrhea.

12. Ecological Information

TOXICITY:

UNDECETH-5 (34398-01-1)	
LC50 fish 1	<10 mg/l
EC50 Daphnia 1	<10 mg/l
ErC50 (algae)	<10 mg/l

PERSISTENCE AND DEGRADABILITY:

No additional information available.

BIOACCUMULATIVE POTENTIAL:


No additional information available.

13. Disposal Consideration

Dispose in a safe manner in accordance with local/national regulations. Handle unclean empty containers as full ones. Do no reuse empty containers.

14. Transportation Information


DOT: **UN Number:** UN1950
UN Proper Shipping Name: Aerosols
Transport Document Description: Aerosols (flammable, (each not exceeding 1 L capacity)), 2.1
Transport Hazard Class(es):
Class: 2.1 – Flammable gas 49 CFR 173.115
Subsidiary Risk: -
Label(s): 2.1 – Flammable gas



Marine Pollutant: Yes (IMDG only)
DOT Packaging Nonbulk (49 CFR 173.xxx): None
DOT Packaging Bulk (49 CFR 173.xxx): None.
DOT Special Provisions (49 CFR 172.102): N82
DOT Packaging Exceptions (49 CFR 173.xxx): 306
DOT Quantity Limitations Passenger Aircraft/rail (49 CFR 173.27): 75 kg
DOT Quantity Limitations Cargo Aircraft Only (49 CFR 175.75): 150 kg
DOT Vessel Stowage Location: A
DOT Vessel Stowage Other: 25 – Shade from radiant heat, 87 – Stow “separated from” Class 1 (explosives) except Division 14,126 – Segregation same as for Class 9, miscellaneous hazardous materials.
Other Information: This product may be eligible to be shipped as a Limited Quantity or Consumer Commodity ORM-D utilizing the exception found at 49 CFR 173.306.

ADR: No additional information available.

IMDG (Transport by Sea):
UN NUMBER: UN1950
UN Proper Shipping Name: Aerosols.
Class: 2.1 – Flammable gases.



IATA (Air Transport):
UN Number: UN1950
UN Proper Shipping Name: Aerosols, flammable.
Class: 2.1 – Gases: Flammable.

15. Regulatory Information

All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory.

This product or mixture does not contain a toxic chemical or chemicals in excess of the applicable de minimis concentration as specified in 40 CFR §372.38 (a) subject of the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

Propane (74-98-6):

Not listed on SARA Section 313 (Specific toxic chemical listings).

Butane (106-97-8):

Not listed on SARA Section 313 (Specific toxic chemical listings).

UNDECETH-5 (34398-01-1):

SARA Section 311/312 Hazard Classes: Immediate (acute) health hazard.

California Proposition 65:

This product does not contain substances known to the state of California to cause cancer and/or reproductive toxicity.

16. Other Information

TRAINING ADVICE:

Normal use of this product shall imply use in accordance with the instructions on the packaging.

FULL TEXT OF H-PHRASES:

Acute Tox. 4 (Oral): Acute toxicity (oral): Category 4.
Asp. Tox. 1: Aspiration Hazard: Category 1.
Compressed Gas: Gases under pressure: Compressed gas.
Eye Dam. 1: Serious eye damage/eye irritation: Category 1.
Eye Irrit. 2A: Serious eye damage/eye irritation: Category 2A.
Flam. Aerosol 1: Flammable aerosol: Category 1.
Flam. Gas 1: Flammable Gases: Category 1.
Flam. Liq. 3: Flammable Liquids: Category 3.
Skin irrit. 2: Skin Corrosion/ Irritation: Category 2

Skin Sens. 1: Skin Sensitization: Category 1.
H220: Extremely flammable gas.
H222: Extremely flammable aerosol.
H226: Flammable liquid and vapor.
H280: Contains gas under pressure; may explode if heated.
H302: Harmful if swallowed.
H304: May be fatal if swallowed and enters airways.
H315: Causes skin irritation.
H317: May cause an allergic skin reaction.
H318: Causes serious eye damage.
H319: Causes serious eye irritation.

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.