






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: Flam. Aerosol 1 H222 Skin Irrit. 2 H315 Eye Dam. 1 H318 Skin Sens. 1 H317 Asp. Tox. 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
Causes serious eye damage

PRECAUTIONARY STATEMENTS:

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, mist, spray, vapors
Wash thoroughly after handling
Contaminated work clothing must not be allowed out of the workplace
Wear protective gloves, protective clothing, face protection, eye protection
IF SWALLOWED: Immediately call a POISON CENTER, a doctor
IF ON SKIN: Wash with plenty of water
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Immediately call a POISON CENTER, a doctor
Do NOT induce vomiting
If skin irritation or rash occurs: Get medical advice/attention
Take off contaminated clothing and wash before reuse

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/national regulations
Collect spillage

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 mouth with water.

MOST IMPORTANT SYMPTOMS/EFFECTS, ACUTE AND DELAYED:

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

Symptoms/injuries after inhalation: Irritation of the respiratory tract. Coughing. Headache.

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: Causes serious eye damage.

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 AND SPECIAL TREATMENT NEEDED:

No additional information available.

5. Fire-Fighting Measures

SUITABLE FIRE EXTINGUISHING MEDIA:

Foam. Carbon dioxide. Dry chemical powder.

SPECIFIC HAZARDS ARISING FROM THE CHEMICAL:

Reacts with (strong) oxidizers. Reacts with (some) acids. Reacts with (some) halogens compounds. 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 without proper protective equipment, including respiratory protection.

6. Accidental Release Measures

GENERAL MEASURES:

No flames, No sparks. Eliminate all sources of ignition.

PERSONAL PRECAUTIONS:

No additional information available.

ENVIRONMENTAL PRECAUTIONS AND CLEAN-UP METHODS:

No additional information available.

7. Handling and Storage

SAFE HANDLING:

Additional hazards when processed: Pressurized container: Do not pierce or burn, even after use.

Precautions for safe handling: 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, 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 non-sparking tools. Take precautionary measures against static discharge.

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.

Storage conditions: Store locked up.

Incompatible products: Oxidizing agent. Strong acids.

Incompatible materials: Sources of ignition.

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.

Special rules on packaging: Keep only in original container. Meet the legal requirements.

8. Exposure Controls / Personal Protection

propane (74-98-6)		
OSHA	OSHA PEL (TWA) (ppm)	1000 ppm
butane (106-97-8)		
ACGIH	ACGIH TWA (ppm)	1000 ppm

PERSONAL PROTECTIVE EQUIPMENT:

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



9. Physical & Chemical Properties			
Appearance:	Aerosol.	Flammability(solid/gas):	1 - 6.8 (Estimated).
Physical State:	Gas.	Explosion 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 @ 70F (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:	0.7583 g/ml (Estimated).	Relative Vapor Density @ 20°C:	No data available.
Boiling Point:	257 °F (Estimated).	Log Kow:	No data available.
Flash Point:	-156°F Propellant (Estimated).	Viscosity (kinematic):	< 20 cSt
Relative Evaporation Rate (butyl acetate=1):	No data available.	Viscosity (dynamic):	No data available.
VOC Content:	> 90%		

10. Stability & Reactivity Information	
REACTIVITY:	Reacts with (strong) oxidizers. Reacts with (some) acids. Reacts with (some) halogens compounds. Upon combustion: CO and CO2 are formed.
CHEMICAL STABILITY:	No additional information available.
POSSIBILITY OF HAZARDOUS REACTIONS:	No dangerous reactions known under normal conditions of use.
INCOMPATIBLE MATERIALS:	No additional information available.
CONDITIONS TO AVOID:	No additional information available.
DECOMPOSITION PRODUCTS:	Under normal conditions of storage and use, hazardous decomposition products should not be produced.

11. Toxicological Information			
ACUTE TOXICITY: Not classified.			
COMPONENTS	SPECIES	TEST RESULTS	
Alcohol Ethoxylate (68439-46-3)			
Oral LD50	Rat	1400 mg/kg estimated	
Dermal LD50	Rabbit	> 5000 mg/kg	
ATE CLP (oral)		1400.000 mg/kg body weight	
UNDECETH-5 (34398-01-1)			
Oral LD50	Rat	> 1400 mg/kg	
Skin corrosion/irritation:	Causes skin irritation.	Serious eye damage/irritation:	Causes serious eye damage.
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	Aspiration hazard:	May be fatal if swallowed and enters airways.
Specific target organ toxicity (repeated exposure):	Not classified		
Symptoms/injuries after inhalation:	Irritation of the respiratory tract. Coughing. Headache.		
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:	Causes serious eye damage.		
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.

14. Transportation Information

Department of Transportation (DOT)

Transport document description : UN1950 Aerosols (flammable, (each not exceeding 1 L capacity)), 2.1

UN-No.(DOT) : UN1950

Proper Shipping Name (DOT) : Aerosols

flammable, (each not exceeding 1 L capacity)

Transport hazard class(es) (DOT) : 2.1 - Class 2.1 - Flammable gas 49 CFR 173.115

Hazard labels (DOT) : 2.1 - Flammable gas



Marine pollutant : Yes (IMDG only)



DOT Packaging Non Bulk (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

ADDITIONAL 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

Transport by sea

UN-No. (IMDG) : UN1950

Proper Shipping Name (IMDG) : Aerosols

Class (IMDG) : 2.1 - Flammable gases

Air transport

UN-No.(IATA) : UN1950

Proper Shipping Name (IATA) : Aerosols, flammable

Class (IATA) : 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 except for:

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 to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

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

NFPA	Health Hazards: 2	Flammability: 2	Instability: 0	Physical & Chemical Properties:
-------------	-------------------	-----------------	----------------	---------------------------------

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.