

ORANGE AWAY #1646

Aerosol All-Natural Solvent Cleaner



Features:

- All-natural and biodegradable
- Uses no petroleum distillates
- 80% d-limonene, which is a powerful solvent made from orange peel extracts
- Leaves behind a fresh, orange scent as it cleans
- Contains the power and versatility of a solvent cleaner with the convenience and ease of an aerosol
- Removes heavy-duty buildup

Description:

ORANGE AWAY is a powerful, natural cleaner that easily cleans the heaviest of buildups from a variety of surfaces. It is made with d-limonene, which is made from natural orange peel extracts. It combines the power and versatility of a multipurpose solvent cleaner with the ease of an aerosol.

Applications:

This powerful solvent quickly and powerfully lifts buildup off many surfaces and allows it to be easily rinsed away with water. ORANGE AWAY can be used to clean:

- Shop Floors
- Machinery
- Work Benches
- Deodorizes
- Tools
- Spots/Stains



Product Characteristics:

Appearance:	Aerosol
Odor:	Citrus scent
Vapor Pressure:	30 – 45 psig @ 70°F (estimated)
Specific Gravity:	0.7583 g/ml (estimated)
Solubility:	No data available
Flash Point:	-104.44°C Propellant (estimated)
VOC:	>90%
Density:	0.7583 g/ml (estimated)
Viscosity, kinematic:	<20 cSt
Storage:	Store locked up. Protect from sunlight. Do not expose to temperatures exceeding 50°F/122°F.
Transport Information (DOT):	
Proper Shipping Name:	Aerosols flammable, (each not exceeding 1 L capacity).
UN Number:	UN1950
Class:	2.1

Directions:

Spray directly onto surface. Allow to work for 30 seconds. Flush away loosened deposits with water. On fabrics and plastics, test in an inconspicuous area before using.

Pictograms:



Signal Word:

DANGER

Personal Protective Equipment Required:



DOT Placard:



VOC Compliancy:

Yes.






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 Sens. 1 H317 Aquatic Acute 1 H400	SIGNAL WORD: DANGER	SYMBOL:			
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HAZARD STATEMENTS:

Extremely flammable aerosol. May cause an allergic skin reaction. Very toxic to aquatic life.

PRECAUTIONARY STATEMENTS:

Prevention: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not spray on an open flame or other ignition source. Do not pierce or burn, even after use. Avoid breathing gas. Contaminated work clothing must not be allowed out of the workplace. Avoid release to the environment. Wear protective gloves.

Response: IF ON SKIN: Wash with plenty of water. Specific treatment (see First aid measures on this label). If skin irritation or rash occurs: Get medical advice/attention. Wash contaminated clothing before reuse. Collect spillage.

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

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

HAZARDS NOT OTHERWISE SPECIFIED:

No additional information available.

UNKNOWN ACUTE TOXICITY:

Not applicable.

3. Composition / Information on Ingredients

CHEMICAL NAME	CAS	%	GHS-US CLASSIFICATION
D-Limonene	5989-27-5	50 - 100	Flam. Liq. 3, H226 Skin Irrit. 2, H315 Skin Sens. 1, H317 Asp. Tox. 1, H304
Undeceth-5	34398-01-1	1-5	Acute Tox. 4 (Oral), H302 Eye Dam. 1, H318
C9-11 Alcohols Ethoxylated	68439-46-3	0.1-1	Acute Tox. 4 (Oral), H302 Skin Irrit. 2, H315 Eye Irrit. 2A, H319
C12-13 Alcohols Ethoxylated	66455-14-9	0.1-1	Skin Irrit. 2, H315 Eye Dam. 1, H318

All hazardous chemicals, as determined by 29 CFR 1910.1200 have been listed. A specific chemical identity and/or percentage of composition has been withheld as a trade secret. Any concentration shown as a range is to protect confidentiality or is due to batch variation

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/doctor. Rinse mouth 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.

SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE:

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:

Firefighting Instructions: 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, without unnecessary risk. Vapours may travel long distances along ground before igniting/flashing back to vapour source.

NON-EMERGENCY 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 product, collect/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:

Additional Hazards when Processed: Do not pierce or burn, even after use. Do not use if spray button is missing or defective.

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 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 non sparking 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

d-Limonene (5989-27-5)	Not applicable.
Undeceth-5 (34398-01-1)	Not applicable.
C9-11 Alcohols Ethoxylated (68439-46-3)	Not applicable.
C12-13 Alcohols Ethoxylated (66455-14-9)	Not applicable.

APPROPRIATE ENGINEERING CONTROLS:

Ensure adequate ventilation, especially in confined areas. If exposure limits have not been established, maintain airborne levels to an acceptable level. Emergency eye wash 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:	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.	Relative Density:	No data available.
Melting Point:	No data available.	Relative Vapor Density @ 20°C:	No data available.
Freezing Point:	No data available.	Density:	0.7583 g/ml (Estimated)
Solubility:	No data available.	Partition coefficient n-octanol/water (Log Pow)	No data available.
Vapor Pressure:	30 - 45 psig @ 70°F (Estimated)	Partition coefficient n-octanol/water (Log Kow):	No data available.
Boiling Point:	No data available.	Viscosity:	No data available.
Flash Point:	-104.44°C Propellant (Estimated)	Viscosity (kinematic):	<20 cSt
VOC Content:	>90%	Viscosity (dynamic):	No data available.
Auto Ignition Temperature:	No data available.	Relative Evaporation Rate (butyl acetate=1):	No data available.
Decomposition Temperature:	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.

d-Limonene (5989-27-5)

LD50 oral rat > 2000 mg/kg bodyweight (OECD 423: Acute Oral Toxicity Acute Toxic Class Method, Rat, Female, Experimental value, Oral, 14 day(s))

LD50 dermal rabbit > 5000 mg/kg bodyweight (Equivalent or similar to OECD 402, 24 h, Rabbit, Read-across, Dermal, 7 day(s))

Undeceth-5 (34398-01-1)

LD50 dermal rabbit > 5000 mg/kg bodyweight (Equivalent or similar to OECD 402, 24 h, Rabbit, Read-across, Dermal, 7 day(s))

C9-11 Alcohols Ethoxylated (68439-46-3)

LD50 oral rat 1400 mg/kg Estimated

LD50 dermal rabbit > 5000 mg/kg

ATE CLP (oral) 1400 mg/kg bodyweight

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.

d-Limonene (5989-27-5)

IARC group 3 - Not classifiable

REPRODUCTIVE TOXICITY:

Not classified.

SPECIFIC TARGET ORGAN TOXICITY (single exposure):

Not classified.

SPECIFIC TARGET ORGAN TOXICITY (repeated exposure):

Not classified.

ASPIRATION HAZARD:

Not classified.

Symptoms/effects after inhalation:

None under normal use.

Symptoms/effects after skin contact:

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

Symptoms/effects after eye contact:

Direct contact with the eyes is likely irritating.

Symptoms/effects after ingestion:

May be fatal if swallowed and enters airways. Risk of aspiration pneumonia. Nausea. Cramps/uncontrolled muscular contractions. Diarrhea.

12. Ecological Information**TOXICITY:****d-Limonene (5989-27-5)**

LC50 - Fish [1] 720 µg/l (Equivalent or similar to OECD 203, 96 h, Pimephales promelas, Flow-through system, Fresh water, Experimental value)

EC50 - Crustacea [1] 0.307 mg/l (OECD 202: Daphnia sp. Acute Immobilisation Test, 48 h, Daphnia magna, Semi-static system, Fresh water, Experimental value, GLP)

Undeceth-5 (34398-01-1)

LC50 - Fish [1] < 10 mg/l

EC50 - Crustacea [1] < 10 mg/l

ErC50 algae < 10 mg/l

PERSISTENCE AND DEGRADABILITY:**d-Limonene (5989-27-5)**

Persistence and degradability Readily biodegradable in water.

ThOD 3.29 g O /g substance

BIOACCUMULATIVE POTENTIAL:**d-Limonene (5989-27-5)**

BCF - Fish [1] 864.8 l/kg (BCFBAF v3.01, Pisces, QSAR, Fresh weight)

Partition coefficient n-octanol/water (Log Pow) 4.38 (Experimental value, Equivalent or similar to OECD 117, 37°C)

Bioaccumulative potential Potential for bioaccumulation (4 ≤ Log Kow ≤ 5).

13. Disposal Consideration**PRODUCT/PACKAGING DISPOSAL RECOMMENDATIONS:**

Dispose in a safe manner in accordance with local/national regulations.

ADDITIONAL INFORMATION:

Handle unclean empty containers as full ones. Do no reuse empty containers.

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

Other Information: When transported by ground, this product may be eligible to be shipped as a Limited Quantity utilizing the exception found at 49 CFR 173.306. If any alteration of packaging, product, or mode of transportation is further intended, different shipping names and labeling may be required.**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.

California Proposition 65:

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

16. Other Information**TRAINING ADVICE:**

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

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.