

SECTION 1: IDENTIFICATION

1.1 Product Information

Product Name:
Agent Orange Terpene Profile
Product SKU:
WAAT.TELAGO0NNZ0
CAS Number: Not assigned.

1.2 Company Information

Atlas Technology Manufacturing
18251 Cascade Ave S. Ste #A
Tukwila, WA, 98188
(253) 277-3563
Sales@Atlasmfg.net
www.terpenes.net

Emergency Phone Number (Poison Control Helpline): 1 (800) 222-1222

SECTION 2: HAZARD IDENTIFICATION

2.1 Hazard Classification

Physical Hazards

Flammable liquids Category 3

Health Hazards

Acute toxicity, dermal	Category 5
Acute toxicity, oral	Category 4
Aspiration hazard	Category 1
Carcinogenicity	Category 2
Reproductive toxicity	Category 2
Sensitization, respiratory	Category 1, 1A, 1B
Sensitization, Skin	Category 1
Serious eye damage/eye irritation	Category 2A
Skin corrosion/irritation	Category 2
Specific target organ toxicity, repeated exposure	Category 1
Specific target organ toxicity, single exposure	Category 2

Environmental Hazards

Hazardous to the aquatic environment, acute hazard	Category 1
Hazardous to the aquatic environment, long-term hazard	Category 1

2.2 Label Elements



Signal word: Danger

2.3 Hazard Statement(s)

H226 Flammable liquid and vapor
H227 Combustible liquid
H228 Flammable solid
H303 May be harmful if swallowed
H304 May be fatal if swallowed and enters airways
H313 May be harmful in contact with skin
H315 Causes skin irritation
H317 May cause an allergic skin reaction
H318 Causes serious eye damage
H319 Causes serious eye irritation
H331 Toxic if inhaled
H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled
H335 May cause respiratory irritation
H336 May cause drowsiness or dizziness
H351 Suspected of causing cancer
H361 Suspected of damaging fertility or the unborn child
H371 May cause damage to organs
H372 Causes damage to organs through prolonged or repeated exposure
H400 Very toxic to aquatic life
H401 Toxic to aquatic life
H402 Harmful to aquatic life
H410 Very toxic to aquatic life with long lasting effects
H411 Toxic to aquatic life with long lasting effects
H412 Harmful to aquatic life with long lasting effects

2.4 Precautionary Statement(s)

- P202 Do not handle until all safety precautions have been read and understood.
P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources.
- No smoking.
P240 Ground/bond container and receiving equipment.
P241 Use explosion-proof [electrical/ventilating/lighting/...] equipment.
P242 Use only non-sparking tools.
P243 Take precautionary measures against static discharge.
P260 Do not breathe dust/fume/gas/mist/vapors/spray.
P264 Wash thoroughly after handling.
P270 Do not eat, drink or smoke when using this product.
P271 Use only outdoors or in a well-ventilated area.
P272 Contaminated work clothing should not be allowed out of the workplace.
P273 Avoid release to the environment.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/doctor.
P331 Do NOT induce vomiting.
P362 Take off contaminated clothing.
P363 Wash contaminated clothing before reuse.
P303+P361+P353 IF ON SKIN (or hair): Take off Immediately all contaminated clothing.
Rinse SKIN with water [or shower].
P333+P313 IF SKIN irritation or rash 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.
P309+P311 IF exposed or if you feel unwell: call a POISON CENTER or doctor/physician.
P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P370+P378 In case of fire: Use alcohol-resistant foam, carbon dioxide, water spray, or dry chemical spray to extinguish.
P391 Collect spillage.
P403+P235 Store in a well-ventilated place. Keep cool.
P403+P233 Store in a well-ventilated place. Keep container tightly closed.
P405 Store locked up.
P501 Dispose of contents/container according to local regulations

2.5 Unclassified Hazards

A percentage of the mixture may contain ingredients of unknown acute toxicity.
The toxicity of terpene mixtures have not been thoroughly studied.

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS**3.1 Ingredients**

Chemical Name: Terpenes and Terpenoids

CAS: not assigned

Specific chemical identity(s) and percentage of composition have been withheld as a trade secret.

3.2 Impurities/Additives

No data available.

SECTION 4: FIRST-AID MEASURES

4.1 General Advice: Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area.

If Inhaled: Remove to fresh air. If not breathing, give artificial respiration or give oxygen by trained personnel. Call a physician if symptoms develop or persist.

In Case of Skin Contact: Immediately wash skin with soap and plenty of water for at least 15 minutes. Remove contaminated clothing. Get medical attention if irritation develops and persists. Wash clothing before reuse.

In Case of Eye Contact: Hold eyelids apart and flush eyes with plenty of water for at least 15 minutes. Remove contact lenses if present and easy to do so. Get medical attention if irritation develops and persists.

If Swallowed: Call a physician or poison control center immediately. Wash out mouth with water if the person is conscious. Never give anything by mouth to an unconscious person. Do NOT induce vomiting. If vomiting occurs, the head should be kept low so that stomach vomit doesn't enter the lungs.

4.2 Most important symptoms/effects, acute and delayed:

No data available.

SECTION 5: FIRE-FIGHTING MEASURES**5.1 Suitable Extinguishing Media:**

Use alcohol-resistant foam, carbon dioxide, water spray, or dry chemical spray.
Use water spray to cool fire-exposed containers.



5.2 Unsuitable Extinguishing Media:

Do not use a solid water stream as it may scatter and spread fire.

5.3 Specific hazards arising from the chemical

Static charges generated by emptying package in or near flammable vapors may cause flash fire. Fire may produce irritating, corrosive, and/or toxic gases.

5.4 Special protective equipment and precautions for firefighters

Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA. Structural firefighters protective clothing will only provide limited protection. Wear self-contained breathing apparatus with a full facepiece operated in the positive pressure demand mode when fighting fires.

Fire fighting equipment/instructions

In case of fire and/or explosion do not breathe fumes. Use standard firefighting procedures and consider the hazards of other involved materials. Move containers from fire area if you can do so without risk. Water runoff can cause environmental damage. Ventilate closed spaces before entering them. Keep run-off water out of sewers and water sources. Dike for water control.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Keep unnecessary personnel away. Eliminate sources of ignition. Use personal protective equipment. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Avoid contact with skin or breathing spillage, vapors, mist, or gas. Ensure adequate ventilation. Beware of vapors accumulating to form explosive concentrations. Vapors can accumulate in low areas. Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

6.2 Environmental precautions

Retain and dispose of contaminated wash water. Avoid release to the environment. Contact local authorities in case of spillage to drain/aquatic environment. Prevent further leakage or spillage if safe to do so. Do not contaminate water.

6.3 Methods and material for containment and cleanup

Eliminate all ignition sources. Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Absorb with inert absorbent such as dry clay, sand, or diatomaceous earth, commercial sorbents, or recover using pumps.

The product is immiscible with water and will spread on the water surface.

Large spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Cover with plastic sheet to prevent spreading. Prevent product



from entering drains. Absorb in vermiculite, dry sand, or diatomaceous earth, and place into containers.

Small spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.

Never return spills in original containers for re-use. This material and its container must be disposed of as hazardous waste. Collect and dispose of spillage according to local regulations.

SECTION 7: HANDLING AND STORAGE

7.1 Handling Precautions

Avoid contact with skin and eyes. Avoid inhalation of vapour or mist. Avoid prolonged exposure. Wash thoroughly after handling. Keep away from sources of ignition - No smoking. Take measures to prevent the build up of electrostatic charge. For precautions see section 2.

7.2 Storage Precautions

Store locked up. Keep cool and away from light. Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Exposure Limits

No data available.

8.2 Engineering Controls

Use in a well-ventilated area.

8.3 Personal Protective Equipment

Safety glasses. Face shield is recommended.
Compatible chemical-resistant gloves.
NIOSH approved respirator, as conditions warrant.

8.4 Chemical Hygiene

Wash thoroughly after handling.
Contaminated clothing should not be allowed out of the workplace.
Facilities should be equipped with eyewash and a safety shower.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance (physical state, color, etc.):	Liquid, colorless or pale yellow
Upper/lower flammability or explosive limits:	No data available.
Odor:	Characteristic.



Vapor pressure:	No data available.
Odor threshold:	No data available.
Vapor density:	No data available.
pH:	No data available.
Density:	No data available.
Melting point/freezing point:	No data available.
Solubility(ies):	Insoluble in water.
Initial boiling point and boiling range:	No data available.
Flash point:	No data available.
Evaporation rate:	No data available.
Flammability (solid, gas):	No data available.
Partition coefficient: n-octanol/water:	No data available.
Auto-ignition temperature:	No data available.
Decomposition temperature:	No data available.
Viscosity:	No data available.
Specific Gravity:	No data available.

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity

Stable and non-reactive under recommended conditions of use, storage, and transport.

10.2 Chemical Stability

Stable under normal conditions.

10.3 Conditions to Avoid

Heat, flame, sparks. Avoid temperatures exceeding the flash point. Avoid contact with incompatible materials.

10.4 Incompatible Materials

Strong oxidizing agents.

10.5 Hazardous Decomposition or By-products

No hazardous decomposition products if stored and handled as indicated.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Likely routes of exposure

Inhalation, skin and eye contact.

11.2 Toxicological effects

LD50 unknown.

The toxicological effects of this product have not been thoroughly studied.

11.3 Carcinogenic effects

The carcinogenic effects of this product have not been thoroughly studied.

SECTION 12: ECOLOGICAL INFORMATION

- 12.1 Ecotoxicity**
Toxic to aquatic life with long lasting effects.
- 12.2 Persistence and degradability**
No data is available on the degradability of this substance.
- 12.3 Bioaccumulative potential**
No data available.
- 12.4 Mobility in soil**
No data available.
- 12.5 Other adverse effects**
No data available.

SECTION 13: DISPOSAL CONSIDERATIONS

- 13.1 Disposal instructions**
Do not discharge into drains, water courses or onto the ground. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose of contents/container in accordance with local/regional/national/international regulations.
- 13.2 Local disposal regulations**
Dispose in accordance with all applicable regulations.
- 13.3 Hazardous waste code**
Not established.
- 13.4 Waste from residues / unused products**
Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).
- 13.5 Contaminated packaging**
Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal.

SECTION 14: TRANSPORT INFORMATION

- 14.1 Ground transport (US DOT)**
- | | |
|---------------------------------|------------------------------|
| UN Number: | 2319 |
| DOT Proper shipping name: | Terpene hydrocarbons, n.o.s. |
| DOT Transport hazard class(es): | 3 |
| Packing Group: | III |



DOT Hazard Label:

Environmental Hazards: Marine pollutant.



Non-bulk limited quantities: 5 L

SECTION 15: REGULATORY INFORMATION

WARNING: This product can expose you to chemicals, including Myrcene, which are known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

SECTION 16: OTHER INFORMATION

The information provided on this SDS is based on data provided by and collected from recognized sources such as distributors, manufacturers, and technical groups and is considered to be accurate to the best of our knowledge as of the date of this document. It is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. It relates only to the specific material designated and may not be valid for such material used in combination with any other material or process. This product has not been evaluated for safe use in e-cigarettes or any vaping application where the product(s) is/are intentionally vaporized and inhaled. Terpenes.net has performed no testing on these products in e-cig/vaping applications. It is the sole responsibility of the individual(s) purchasing this product to assess its' safety in the final application. It is the responsibility of the user to review all safety information about this product and determine its safety and suitability in their own processes and operations. Use only in accordance with local, state, and federal laws and regulations.