

*Certificate Of Analysis Sheet*  
**SWEET ORANGE ESSENTIAL OIL**  
*CITRUS SINENSIS*

Botanical Origin: USA

Lot#: 4896

Product Information

Extraction Method: COLD PRESSED

Parts Used: PEEL

Cultivation: FARMED

Shelf Life: < THAN 1 YEAR

Analysis Specifications

Physical Chemical Properties

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Aldehyde Content: 1.22%

Refractive Index @ 20°C: 1.4734

Optical Rotation @ 25°C: +98.00

Relative Density: 0.8432

*Material Safety Data Sheet*

Info  
FEMA No N/A  
CAS No. N/A

## Identification

Chemical Name  
Health  
Flammability  
Reactivity

Info

## Fire, Explosion & Reactivity

Flash Point 175.5 F  
Extinguishing Media FOG-No | CO2-Yes | FOAM-Yes | DRY-Yes |  
Dot N/A  
Classification N/A  
Stability  
NFPA Classification N/A  
Fire Fighting N/A  
Unusual Fire Hazard N/A

Hazardous Combustible Carbon monoxide and unidentified organics compounds may be formed during combustion.  
Decomposition Products

Info

## Physical Data

Color & Odor Clear, Pale yellow liquid  
Boiling Point 175.5  
Melting Point N/A  
Vapor Pressure N/A  
Vapor Density N/A  
Water Solubility COMPLIES

Info

## Protection Data

Respiratory Avoid breathing directly on the product. Apply local ventilations when appropriate.  
Ventilation Ensure good ventilation of the workstation.  
Skin Avoid skin contact. Use chemical resistant gloves as needed.  
Eye Use safety glasses.  
Other Wash hands with soap & water after handling.

Info

## Occupational Exposure Limit

Threshold Limit N/A  
OSHA Permissible Limit N/A  
Carcinogen N/A  
NTP Limit N/A  
IARC Limit N/A  
OSHA Limit N/A

Carcinogen  
Notes N/A

Info

Health Hazards

Material Type  
Health Hazard  
Primary Entry  
Routes  
Health Hazard  
Notes

Info

Emergency First Aid

Inhalation

REMOVE FROM EXPOSURE SITE TO FRESH AIR AND KEEP AT REST.  
OBTAIN-MEDICAL ADVICE.

Eye Contact

RINSE IMMEDIATELY WITH PLENTY OF WATER FOR 10 MINUTES AT  
LEAST.-CONTACT A PHYSICIAN IF SYMPTOMS PERSIST.

Skin Contact

WASH THOROUGHLY WITH SOAP AND WATER, FLUSH WITH  
PLENTY OF WATER.-TAKE OFF SPOILT CLOTHES. CONTACT A  
PHYSICIAN IF SYMPTOMS-PERSIST.

Ingestion

WASH MOUTH WITH WATER, SEEK MEDICAL ADVICE  
IMMEDIATELY.

First Aid Notes

Info

Spill, Leakage & Disposal Procedures

Spill Procedures

CONTAIN SPILLED MATERIAL WITH AN INERT, NONCOMBUSTIBLE,  
INORGANIC ABSORBENT-MATERIAL OR SWEEP UP AND REMOVE  
TO AN APPROVED DISPOSAL CONTAINER. AVOID-OPEN FLAMES OR  
OTHER SOURCES OF IGNITION.

Waste Disposal

Info

Handling & Shipping Procedures

Handling &  
Shipping  
Procedures

Apply according to good manufacturing and industrial hygiene practices with  
proper ventilation. Do not drink, eat or smoke while handling. Respect good  
personal hygiene. Store in a cool, dry and ventilated area away from heat  
sources and protected from light in a tightly closed original container. Keep air  
contact to a minimum. Keep away from ignition sources and naked flame.