

SAFETY DATA SHEET



Humco Holding Group, Inc.
7400 Alumax Dr
Texarkana TX 75501 USA
800-662-3435
cs@humco.com
www.humco.com

24-Hour Emergency Number (CHEMTREC)
USA- 800-424-9300

All non-emergency calls should be directed to
Customer Service at 800-662-3435

NAME: TANGERINE OIL

SDS NO.2039

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: Tangerine Oil

Synonyms: Tangerine Oil C.P. Natural

Recommended Use: No relevant information available.

Manufacturer / Supplier: Humco Holding Group, Inc.



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2. HAZARD IDENTIFICATION

Pictogram:	  GHS02 GHS08
Classification:	Flam. Liq. 3 Asp. Tox. 1 Skin Irrit. 2 Skin Sens. 1
Signal Word:	Danger
Hazard Statements:	H226 Flammable liquid and vapor H304 May be fatal if swallowed and enters airways

3. COMPOSITION / INGREDIENTS

CHEMICAL NAME	CAS#
GRAPEFRUIT OIL	8016-85-1

The exact percentage has been withheld as a trade secret

4. FIRST-AID MEASURES

ROUTE	COMMON SYMPTOMS	FIRST AID
Inhalation	Not determined	Supply fresh air; consult doctor in case of complaints.
Ingestion	Not determined	If symptoms persist consult doctor.
Skin	Not determined	Generally, the product does not irritate the skin.
Eyes	Not determined	Rinse opened eye for several minutes under running water.

5. FIRE-FIGHTING MEASURES

Flash Point:	Not determined
Auto Ignition:	Not determined
Extinguishing Media:	CO ₂ , extinguishing powder, or water spray. Fight larger fires with water spray or alcohol resistant foam.
Products of Combustion:	No further relevant information available.
Fire Fighting Equipment and Procedures:	No special measures required.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions:	Wear protective equipment. Keep unprotected persons away.
Environmental Precautions:	Do not allow to enter sewers/surface or ground water.
Method of Containment & Clean-Up:	Absorb with liquid-binding material.

7. HANDLING AND STORAGE

Handling:	Wear gloves and eye protection. Avoid inhalation and contact with skin and eyes. Follow good manufacturing practices for housekeeping and personal hygiene. Wash any exposed skin immediately after chemical contact, before breaks and meals and at the end of each work period. Contaminated clothing and shoes should be thoroughly cleaned before re-use.
Storage:	Store in a cool, dry, well-ventilated area in tightly sealed containers.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Engineering Controls:	Not required.
Personal Protective Equipment (PPE)	Splash goggles. Lab coat. Dust respirator.
Eye/Face Protection:	Tightly-sealed goggles
Skin Protection:	Protective gloves
Respiratory Protection	Not required.
General Hygiene Considerations:	Wash hands before breaks and at the end of work. Immediately remove all soiled and contaminated work clothing. Keep away from foodstuffs, beverages, and feed.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Liquid; orange	Upper/Lower Flammability:	Not Applicable
Odor:	Characteristic	Vapor Pressure @ 20°C (68°F):	Not Determined
Odor Threshold:	Not Determined	Vapor Density:	Not Applicable
pH:	Not Applicable	Density at 20°C (68°F):	0.85 g/cm ³ (7.1 lbs/gal)
Melting point /Freezing Point:	Not Determined	Solubilities:	0 g/l
Boiling point/range:	Not Determined	Partition coefficient: n-octanol/water:	Not Determined
Flash point	45°C (113°F)	Auto-ignition temperature	Not Determined
Evaporation rate	Not Applicable	Decomposition Temperature:	Not Determined
Flammability:	Not Applicable	Viscosity	Not Applicable

10. STABILITY AND REACTIVITY

Reactivity:	No further relevant information available.
Chemical Stability:	No further relevant information available.
Possibility of Hazardous reactions:	No dangerous reactions known.
Conditions to Avoid:	No further relevant information available.
Incompatible materials:	No further relevant information available.
Hazardous Decomposition Products:	No dangerous decomposition products known.

11. TOXICOLOGICAL INFORMATION

Acute toxicity:	Not Determined
Skin irritation:	No irritant effect
Eye contact damage:	No irritating effect
Respiratory damage:	Not Determined
Ingestion overdose:	Not Determined
Delayed, immediate, or chronic effects from short- and long-term exposure	No further relevant information available.
LD50 Oral:	>5,000 mg/kg (Rat)
Dermal:	>5,000 mg/kg (Rabbit)
Symptoms associated with exposure:	No further relevant information available.
Carcinogenicity:	No further relevant information available.
OSHA:	Substance is not listed.
NTP:	Substance is not listed.
IARC:	Substance is not listed.

12. ECOLOGICAL INFORMATION

Acute or chronic aquatic toxicity:	No further relevant information available.
Chemical degradation:	No further relevant information available.
Biodegradation:	No further relevant information available.
Bioaccumulation potential	No further relevant information available.
Adsorption studies or leaching studies:	No further relevant information available.
Other adverse effects	No further relevant information available.

13. DISPOSAL CONSIDERATIONS

Dispose in accordance with federal, state and local laws and regulations. Avoid release into environment. Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

14. TRANSPORT INFORMATION

DOT Hazard Classification:	Class 3: Flammable Liquids
UN number:	UN1993
UN proper shipping name:	DOT: Flammable Liquid, N.O.S.
Transport hazard class(es):	Class 3: Flammable Liquid
Packing group number:	III
Environmental hazards:	Marine Pollutant: Symbol (fish and tree)
Special precautions:	Warning: Flammable liquids

REGULATORY INFORMATION

No further relevant information available.

15. OTHER INFORMATION

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