

# 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: GRAPEFRUIT OIL

SDS NO.2027

## 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

**Product Name:** Grapefruit Oil

**Synonyms:** Grapefruit Oil C.P. Natural Florida-Type

**Recommended Use:** No relevant information available.

**Manufacturer / Supplier:** Humco Holding Group, Inc.

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## 2. HAZARD IDENTIFICATION

<b>Pictogram:</b>	
<b>Classification:</b>	Flam. Liq. 3 Asp. Tox. 1 Skin Irrit. 2 Skin Sens. 1
<b>Signal Word:</b>	Danger
<b>Hazard Statements:</b>	H226 Flammable liquid and vapor H315 Causes skin irritation H317 May cause an allergic skin reaction H304 May be fatal if swallowed and enters airways.

### 3. COMPOSITION / INGREDIENTS

CHEMICAL NAME	CAS#
GRAPEFRUIT OIL	8016-20-4

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 and call for a doctor. In case of unconsciousness place patient stably in side position for transportation.
Ingestion	Not determined	If symptoms persist consult doctor.
Skin	Not determined	Immediately wash with water and soap and rinse thoroughly.
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:	CO2, 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

<b>Handling:</b>	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.
<b>Storage:</b>	Store in a cool, dry, well-ventilated area in tightly sealed containers.

## 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

<b>Engineering Controls:</b>	Not required.
<b>Personal Protective Equipment (PPE)</b>	Splash goggles. Lab coat. Dust respirator.
<b>Eye/Face Protection:</b>	Tightly-sealed goggles
<b>Skin Protection:</b>	Protective gloves
<b>Respiratory Protection</b>	Not required.
<b>General Hygiene Considerations:</b>	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

<b>Appearance:</b>	Liquid; color undetermined.	<b>Upper/Lower Flammability:</b>	Not Applicable
<b>Odor:</b>	Characteristic	<b>Vapor Pressure @ 20°C (68°F):</b>	1.0 hPa (0.8 mm Hg)
<b>Odor Threshold:</b>	Not Determined	<b>Vapor Density:</b>	Not Applicable
<b>pH:</b>	Not Applicable	<b>Density at 25°C (77°F):</b>	0.912
<b>Melting point /Freezing Point:</b>	Not Determined	<b>Solubilities:</b>	0 g/l
<b>Boiling point/range:</b>	Not Determined	<b>Partition coefficient: n-octanol/water:</b>	Not Determined
<b>Flash point</b>	Not Determined	<b>Auto-ignition temperature</b>	Not Determined
<b>Evaporation rate</b>	Not Applicable	<b>Decomposition Temperature:</b>	Not Determined
<b>Flammability:</b>	Not Applicable	<b>Viscosity</b>	Not Applicable

## 10. STABILITY AND REACTIVITY

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

## 11. TOXICOLOGICAL INFORMATION

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

## 12. ECOLOGICAL INFORMATION

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

<b>DOT Hazard Classification:</b>	Class 3: Flammable Liquids
<b>UN number:</b>	UN1169
<b>UN proper shipping name:</b>	DOT: Extracts, aromatic, liquid
<b>Transport hazard class(es):</b>	Class 3: Flammable Liquid
<b>Packing group number:</b>	III
<b>Environmental hazards:</b>	Marine Pollutant: Symbol (fish and tree)
<b>Special precautions:</b>	Warning: Flammable liquids

### REGULATORY INFORMATION

No further relevant information available.

### 15. OTHER INFORMATION

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