

Dec. 29, 2015



GLCC Co.
Safety Data Sheet


Section 1 – Identification

NAT. GRAPEFRUIT EXTRACT WONF 20401.01

GLCC COMPANY
39149 RED ARROW HIGHWAY
PAW PAW, MICHIGAN 49079 – U.S.A.
Phone: 269.657.3167 – Fax: 269.657.4552
glcc@glccflavors.com

Emergency: Chemtrec 800.424.9300
Rec. Use: 0.05-0.1% in beverages and food products
Shipping Class: UN1197 Extract, Flavoring, Liquids,
Flammable 3, PGIII

Section 2 – Hazard(s) Identification

Classification according to 29 CFR §1910.1200 paragraph (d)	Flammable liquids – Cat. 3 Eye irritation – Cat. 2B
Signal word	Warning
Pictogram(s)	
Hazard Statement(s)	H226 – Flammable liquid and vapor H302 – Harmful if swallowed H320 – Causes eye irritation
Precautionary Statement(s)	P210 – Keep away from sparks/open flames. No smoking. P233 – Keep container tightly closed P242 – Use only non-sparking tools P260 – Do not breathing fumes/vapors P264 – Wash hands thoroughly after handling P272 – Contaminated work clothing should not be allowed out of the workplace P280 – Wear protective gloves and splash-proof goggles. P285 – In case of inadequate ventilation wear respiratory protection. P305 + P351 + P338 – IF IN EYES: Rinse cautiously with water for several. Remove contact lenses, if present and easy to do. Continue rinsing. P370+P378 – In case of fire: Use CO ₂ , foam, dry chemical for extinction P403 + P235 – Store in a well-ventilated place. Keep cool. P501 – Dispose of contents/container in accordance with local/regional/national regulation

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Section 3 – Composition / Information on Ingredients

Hazardous Components (Specific Chemical Identity, Common Name(s))	CAS Number	FEMA Number	Percentage	GHS Classification
Ethyl Alcohol	64-17-5	2419	25-30%	Flammable liquids – Cat. 2 Eye irritation – Cat. 2B Specific target organ toxicity – single exposure – Cat. 3
Decanal	14371-10-9	2362	0.001- 0.005%	Flammable liquids – Cat. 4 Acute toxicity, Dermal – Cat. 5 Skin irritation – Cat. 2 Eye irritation – Cat. 2A Specific target organ toxicity – single exposure – Cat. 3
p-Menthene 8 Thiol	83161-04-0	3700	0.0005- 0.001%	Flammable liquids – Cat. 3 Acute toxicity, Oral – Cat. 5 Skin irritation – Cat. 2 Eye irritation – Cat. 2A Skin sensitization – Cat. 1 Acute aquatic toxicity – Cat. 1

The identity of the other individual components of this product is proprietary information and is considered a trade secret pursuant to 29CFR §1910.1200

Section 4 – First-Aid Measures

Description of first aid measures

Eye Contact	Immediately flush eyes with plenty of water for at least 15 minutes, lifting upper and lower eyelids occasionally
Inhalation	Remove to fresh air
Skin Contact	Wash with soap and water
Ingestion	Give large quantities of water

Most important symptoms and effects, both acute and delayed

None known

Indication of immediate medical attention and special treatment needed

None known

Section 5 – Fire-Fighting Measures

Extinguishing Media	CO ₂ , Foam, Dry Chemical
Specific hazards arising from the chemical	Pressure may build up in sealed containers at high temperatures
Special protective equipment and precautions for fire-fighters	Use self-contained breathing apparatus and protective clothing

Section 6 – Accidental Release Measures

Personal precautions, protective equipment, and emergency procedures	No respiratory protection required. Gloves and splash-proof goggles recommended. Wash hands after handling.
Methods and materials for containment and cleaning up	Absorb with an inert material (e.g., vermiculite, dry sand, earth). Do not use combustible materials, such as sawdust.

Section 7 – Handling and Storage			
Precautions for safe handling		Use in a well-ventilated area. Eye-wash stations and safety showers recommended.	
Conditions for safe storage, including any incompatibilities		Store in full, tightly closed containers in a cool, dry place. Protect against physical damage.	
Section 8 – Exposure Controls / Personal Protection			
OSHA permissible exposure limit (PEL), American Conference of Governmental Industrial Hygienists (ACGIH) Threshold Limit Value (TLV), or other exposure limit.		None known	
Appropriate engineering controls		A system of local and/or general exhausts is recommended.	
Individual protection measures, such as personal protective equipment		Use gloves and splash-proof goggles. Wash hands after handling.	
Section 9 – Physical and Chemical Properties			
Appearance	Water White	Upper/lower flammability or explosive limits	Not known
Odor	Grapefruit	Vapor pressure	Not known
Odor Threshold	Not known	Vapor density	Not known
pH	Not known	Relative density	0.96
Melting point	Not known	Solubility(ies)	Soluble in water
Initial boiling point and boiling range	Not known	Partition coefficient: n-octanol/water	Not known
Flash point	120°F ± 5°F (closed cup)	Auto-ignition temperature	Not known
Evaporation Rate	Not known	Decomposition temperature	Not known
Flammability (solid, gas)	Not known	Viscosity	Not known
Section 10 – Stability and Reactivity			
Reactivity		None known	
Chemical stability		Stable	
Possibility of hazardous reactions		None known	
Conditions to avoid		High heat and open containers	
Incompatible materials		Avoid strong oxidizers (e.g. peroxyformic acid)	
Hazardous decomposition products		None known	

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Section 11 – Toxicological Information

Description of the various toxicological (health) effects and the available data used to identify those effects, including:

Information on likely routes of exposure (inhalation, ingestion, skin and eye contact)	Inhalation, skin, ingestion
Symptoms related to the physical, chemical and toxicological characteristics	None known
Delayed and immediate effects and also chronic effects from short- and long-term exposure	None known
Numerical measures of toxicity (such as acute toxicity estimates)	None known
Hazardous chemical listed in National Toxicology Program (NTP) Report on Carcinogens, or has been found to be a potential carcinogen in International Agency for Research on Cancer (IARC) Monographs, or by OSHA.	Not listed