

## Section 1: Identification

Product Name: Zano Orange Citrus Cleaner  
 Product Code: ZANOORANGE  
 Product Class: Solvent / Surfactant Blend  
 Manufacturer/Supplier: Evolve Pro Solutions, Inc.  
 1900 S. Main Street, Suite 111  
 Grapevine, TX 76051  
 Telephone: 817-424-5900  
 Emergency Telephone: CHEMTEL 800-255-3924

Date Prepared: February 6, 2018  
 Date of Review/Update:

## Section 2: Hazard Identification

Classification of the chemical in accordance with paragraph (d) of §1910.1200:

### GHS Hazard Symbols:



GHS Classification: Corrosive 1C  
Signal Word: Danger

### GHS Hazard Statements:

H302 + H312 Harmful if swallowed or in contact with skin  
 H314 Causes severe skin burns and eye damage  
 H373 May cause damage to liver, kidneys or blood through prolonged or repeated exposure.

### GHS Precautionary Statements:

P101 If medical advice is needed, have product container or label at hand.  
 P102 Keep out of reach of children.  
 P103 Read label before use.  
 P202 Do not handle until all safety precautions have been read and understood.  
 P261 Avoid breathing dust/fume/gas/mist/vapors/spray.  
 P264 Wash hands thoroughly after handling.  
 P280 Wear protective gloves/protective clothing/eye protection/face protection.  
 P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
 P306 + P360 IF ON CLOTHING: Rinse immediately contaminated clothing and skin with plenty of water before removing clothes.  
 P333 + P313 If skin irritation or rash occurs: Get medical advice/attention.  
 P337 + P313 If eye irritation persists: Get medical advice/attention.  
 P342 + P311 If experiencing respiratory symptoms: Call a POISON CENTER/doctor/...  
 P361 + P364 Take off immediately all contaminated clothing and wash it before reuse.

### Signs and Symptoms of Exposure:

Eye: Irritation including tearing or redness.  
 Skin: Prolonged skin contact may cause irritation including redness, irritation, itching.  
 Ingestion: Gastrointestinal irritation, nausea, vomiting, and diarrhea, upset stomach.  
 Inhalation: Not a likely route of exposure, but if over-inhalation occurs symptoms would include nose, throat, respiratory irritation.  
 Medical Conditions Aggravated by Exposure: None known.  
 HMIS Rating: Health- 1 Fire- 0 Reactivity- 0 Personal Protection- C  
 0=Insignificant 1=Slight 2=Moderate 3=High 4=Extreme

## Section 3: Composition/Information on Ingredients

<u>Chemical Name</u>	<u>CAS Number</u>	<u>% Range</u>	<u>OSHA PEL</u>	<u>ACGHI TLV</u>
D-LIMONENE	5989-27-5	1-5	Not Established	Not Established
POTASSIUM HYDROXIDE	1310-58-3	1-5	2mg/m3	2mg/m3
2-BUTOXYETHANOL	111-76-2	1-5	Skin - 25ppm	Skin - 25ppm
SODIUM EDTA	64-02-8	1-5	Not Established	Not Established
NONYLPHENOL ETHOXYLATE	9016-45-9	1-5	Not Established	Not Established

#### **Section 4: First Aid Measures**

Eye Contact: Flush with large amounts of water for 15 minutes. If symptoms develop, seek medical attention.  
Skin Contact: Wash affected area with water for 15 minutes. Remove contaminated clothing and launder before reuse.  
Ingestion: Never give anything by mouth to an unconscious person. If person is conscious then give several glasses of water. Do not induce vomiting. Keep warm and quiet. Seek medical attention.  
Inhalation: Remove from exposure. Seek fresh air. Keep warm and quiet. If symptoms worsen seek medical attention.

#### **Section 5: Fire-Fighting Measures**

Fire and Explosive Properties: Flash Point: Not Applicable / Estimate Flammable Limits: LEL / UEL: No Data  
Extinguishing Media: Water fog, dry chemicals or carbon dioxide.  
Special Fire Fighting Procedures: Full protective equipment including self contained breathing apparatus for confined areas.

#### **Section 6: Accidental Release Measures**

Steps to be taken if Material is Spilled or Leaked: Contain spill. Neutralize, ventilate and remove with inert absorbent.

#### **Section 7: Handling and Storage**

Precautions to be taken in Handling and Storage:

Never wear soaked clothing. Launder or dry-clean before wearing. Discard soaked shoes. Affix proper warning labels on containers in accordance with 29CFR1010.1200.

#### **Section 8: Exposure Controls and Personal Protection**

Ventilation: Use only with adequate ventilation. Avoid breathing vapor or mist. Local exhaust preferred.  
Respirator Protection: Properly fitted NIOSH/MSHA approved respirator for ingredients found in SECTION 3 if TLV is exceeded.  
Skin Protection: Gloves rated for protection against ingredients in SECTION 3.  
Eye Protection: Safety glasses with side shields or chemical goggles.

#### **Section 9: Physical and Chemical Properties**

Boiling Point:	> 300°F	Vapor Pressure (mmHg @ 68°F):	No data
Vapor Density:	No data	Solubility in Water:	Complete
Specific Gravity:	1.01 ± 0.05	Melting Point:	not applicable
% Volatile:	94.5 ± 0.5	pH:	13.0 ± 0.5
Appearance/Odor:	Orange Liquid, Citrus Odor.		

#### **Section 10: Stability and Reactivity**

Stability: Stable  
Hazardous Polymerization: Will not occur  
Hazardous Decomposition Products: Various hydrocarbons of incomplete combustion.

Materials to Avoid: Strong oxidizers  
Conditions to Avoid: Sources of ignition, extreme heat

#### **Section 11: Toxicology Information**

IARC, NTP, or OSHA Carcinogen: No known carcinogenic effects towards humans.

#### **Section 12: Ecological Information**

No data

#### **Section 13: Disposal Considerations**

Waste Disposal: Waste from this product is hazardous (D001) as defined by the Resource Conservation and Recovery Act (RCRA) 40CFR261. Dispose of in accordance with federal, state and local regulations.

#### **Section 14: Transport Information**

D.O.T. REQUIREMENTS (49CFR 172.101): None

#### **Section 15: Regulatory Information**

RQ (REPORTABLE QUANTITY) 49CFR 172.101

Component	RQ (lb.)	For This Product
POTASSIUM HYDROXIDE	1000	15,000
TSCA (Toxic Substances Control Act) Status:	The intentional ingredients of this product are listed.	
CERCLA RQ - 40CFR 302.4:		
Component	RQ (lb.)	For This Product
POTASSIUM HYDROXIDE	1000	15,000
SARA 302 COMPONENTS - 40CFR 355 Appendix A:	None	

SECTION 311/312 HAZARD CLASS - 40CFR 370.2

Immediate	( X )	Reactive	( )
Delayed	( X )	Sudden Release of Pressure	( )
Fire	( )		

SARA 313 COMPONENTS - 40CFR 372.65:

<u>Component</u>	<u>CAS #</u>	<u>% Range</u>
Glycol Ethers (2-BUTOXYETHANOL)	111-76-2	1-5

WORKPLACE HAZARDOUS INFORMATION SYSTEM (WHMIS)

<u>Ingredient</u>		<u>Max. % By Wt.</u>	<u>LD50</u>	<u>LC50</u>
D-LIMONENE	5989-27-5	1-5	Oral Rat - 4400mg/kg	Not Established
POTASSIUM HYDROXIDE	1310-58-3	1-5	Oral Rat - 273mg/kg	Not Established
2-BUTOXYETHANOL	111-76-2	1-5	Oral Rat - 470mg/kg	Inhal Rat - 450ppm/4H
SODIUM EDTA	64-02-8	1-5	Intraperitoneal Mouse - 330mg/kg	Not Established
NONYLPHENOL ETHOXYLATE	9016-45-9	1-5	Oral Rat - 4000mg/kg	Not Established

CALIFORNIA PROPOSITION 65:       None

**Section 16: Other Information**

Although the information contained herein is believed to be reliable, it is furnished without warranty of any kind. This information is not intended to be all-inclusive as to the manner and conditions of use, handling, and storage.