

## 1. PRODUCT AND COMPANY IDENTIFICATION

<b>Product Code:</b>	SFSONI-001-BULK	
<b>Product Name:</b>	Ultrasonic Citrus Degreaser	
<b>Company Name:</b>	S&F Sonics, Inc./Omegasonics	<b>Phone Number:</b>
	330 E. Easy St., Suite A	+1 (805)583-0875
	Simi Valley, CA 93065	
<b>Emergency Contact:</b>	CHEMTREC	+1 (800)424-9300

## 2. HAZARDS IDENTIFICATION

**Skin Corrosion/Irritation, Category 2**  
**Acute Toxicity: Oral, Category 4**  
**Serious Eye Damage/Eye Irritation, Category 2A**  
**Flammable Liquids, Category 4**



<b>GHS Signal Word:</b>	<b>Warning</b>
<b>GHS Hazard Phrases:</b>	H227 - Combustible liquid. H302 - Harmful if swallowed. H315 - Causes skin irritation. H319 - Causes serious eye irritation.
<b>GHS Precaution Phrases:</b>	P210 - Keep away from heat/sparks/open flames/hot surfaces. - No smoking. P264 - Wash hands thoroughly after handling. P280 - Wear protective gloves/protective clothing/eye protection/face protection. P102 - Keep out of reach of children. P103 - Read label before use. P270 - Do not eat, drink or smoke when using this product.
<b>GHS Response Phrases:</b>	P302+352 - IF ON SKIN: Wash with plenty of soap and water. P332+313 - If skin irritation occurs, get medical advice/attention. P305+351+338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P315 - Get immediate medical advice/attention. P301+330+331 - IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. P315 - Get immediate medical advice/attention. P362 - Take off contaminated clothing and wash before re-use.
<b>GHS Storage and Disposal Phrases:</b>	P403+235 - Store in cool/well-ventilated place. P501 - Dispose of contents/container in accordance to local, state and federal regulations.
<b>OSHA Regulatory Status:</b>	This material is classified as hazardous under OSHA regulations.
<b>Potential Health Effects (Acute and Chronic):</b>	
<b>Inhalation:</b>	Material may be irritating to mucous membranes and upper respiratory tract. May be harmful if inhaled.
<b>Skin Contact:</b>	Causes skin irritation. May cause allergic skin reaction. May be harmful if absorbed through the skin.
<b>Eye Contact:</b>	May cause eye irritation.
<b>Ingestion:</b>	May be harmful if swallowed.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

CAS #	Hazardous Components (Chemical Name)	Concentration
138-86-3	Dipentene	<10.0 %
NA	Surfactant	< 5.0 %
68584-22-5	Benzenesulfonic acid, C10-16-alkyl derivs.	< 5.0 %

### 4. FIRST AID MEASURES

**Emergency and First Aid****Procedures:**

<b>In Case of Inhalation:</b>	If inhaled, remove to fresh air.
<b>In Case of Skin Contact:</b>	In case of contact, immediately wash skin with soap and copious amounts of water.
<b>In Case of Eye Contact:</b>	In case of contact, immediately flush eyes with copious amounts of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
<b>In Case of Ingestion:</b>	If swallowed, wash out mouth with water provided person is conscious. Call a physician.
<b>Signs and Symptoms Of Exposure:</b>	To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.
<b>Note to Physician:</b>	Treat symptomatically and supportively. Show this safety data sheet to the doctor in attendance.

### 5. FIRE FIGHTING MEASURES

<b>Flash Pt:</b>	No data.	
<b>Explosive Limits:</b>	LEL: No data.	UEL: No data.
<b>Autoignition Pt:</b>	No data.	
<b>Suitable Extinguishing Media:</b>	Dry chemical, CO2, water spray or alcohol-resistant foam.	
<b>Fire Fighting Instructions:</b>	As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH approved or equivalent) and full protective gear.	
<b>Flammable Properties and Hazards:</b>	Container explosion may occur under fire conditions.	

### 6. ACCIDENTAL RELEASE MEASURES

<b>Environmental Precautions:</b>	Do not let product enter storm drains, storm sewers, watersheds or water systems unless authorized.
<b>Steps To Be Taken In Case Material Is Released Or Spilled:</b>	Wear respirator, chemical safety goggles, rubber boots, and heavy rubber gloves. Cover with dry-lime, sand, or soda ash.

### 7. HANDLING AND STORAGE

<b>Precautions To Be Taken in Handling:</b>	Avoid breathing vapor. Avoid contact with eyes, skin, and clothing.
<b>Precautions To Be Taken in Storing:</b>	Store in cool/well-ventilated place. Store protected from light. Keep container closed.

### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

# SAFETY DATA SHEET

## Ultrasonic Citrus Degreaser

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Revision: 12/17/2014

CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
138-86-3	Dipentene	No data.	No data.	No data.
NA	Surfactant	No data.	No data.	No data.
68584-22-5	Benzenesulfonic acid, C10-16-alkyl derivs.	No data.	No data.	No data.

**Respiratory Equipment (Specify Type):** Respiratory protection is not required under normal use.

**Eye Protection:** Chemical safety goggles.

**Protective Gloves:** Wear appropriate protective gloves to prevent skin exposure. Rubber or neoprene gloves.

**Other Protective Clothing:** Wear appropriate protective clothing to prevent skin exposure.

**Engineering Controls (Ventilation etc.):** Safety shower and eye bath. Mechanical exhaust required.

**Work/Hygienic/Maintenance Practices:** Wash thoroughly after handling. Wash contaminated clothing before reuse.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

**Physical States:** [ ] Gas [ X ] Liquid [ ] Solid

**Appearance and Odor:** orange.  
Viscous. Liquid.  
Transparent.

**Melting Point:** No data.

**Boiling Point:** No data.

**Autoignition Pt:** No data.

**Flash Pt:** No data.

**Explosive Limits:** LEL: No data. UEL: No data.

**Specific Gravity (Water = 1):** 0.99 - 1.02

**Vapor Pressure (vs. Air or mm Hg):** No data.

**Vapor Density (vs. Air = 1):** No data.

**Evaporation Rate:** No data.

**Solubility in Water:** No data.

**pH:** 11.0

**Percent Volatile:** No data.

### 10. STABILITY AND REACTIVITY

**Stability:** Unstable [ ] Stable [ X ]

**Conditions To Avoid - Instability:** No data available.

**Incompatibility - Materials To Avoid:** No data available.

**Hazardous Decomposition or Byproducts:** Carbon monoxide.

**Possibility of Hazardous Reactions:** Will occur [ ] Will not occur [ X ]

**Conditions To Avoid - Hazardous Reactions:** No data available.

## 11. TOXICOLOGICAL INFORMATION

**Toxicological Information:** Mutagenicity: No data available.  
Neurotoxicity: No data available.  
Reproductive Effects: No data available.  
Teratogenicity: No data available.  
Epidemiology: No data available.  
CAS# NA: Surfactant: Acute toxicity, LD50, Oral, Rat, 960.0 - 3980. MG/KG. Result: Blood:Tumors. Immunological Including Allergic: Autoimmune (multiple organ involvement).  
Acute toxicity, LD50, Dermal, Rabbit, 2000. - 2991. MG/KG. Result: Behavioral: Somnolence (general depressed activity). Vascular: BP lowering not characterized in autonomic section. Skin and Appendages: Skin: After topical exposure: Corrosive. Acute toxicity, LD50, Inhalation, Rat, 1.150 MG/L, 4 H. Result: Lungs, Thorax, or Respiration:Other changes. Gastrointestinal:Nausea or vomiting.

**Carcinogenicity/Other Information:** ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

**Carcinogenicity:** NTP? No IARC Monographs? No OSHA Regulated? No

CAS #	Hazardous Components (Chemical Name)	NTP	IARC	ACGIH	OSHA
138-86-3	Dipentene	n.a.	n.a.	n.a.	n.a.
NA	Surfactant	n.a.	n.a.	n.a.	n.a.
68584-22-5	Benzenesulfonic acid, C10-16-alkyl derivs.	n.a.	n.a.	n.a.	n.a.

## 12. ECOLOGICAL INFORMATION

**General Ecological Information:** Environmental: No information available.  
Physical: No information available.  
CAS# NA: Surfactant: LC50, Fathead Minnow (Pimephales promelas), 3.800 - 6.200 MG/L, 96 H. Result: Affected fish stopped schooling behavior. Affected fish became hyperactive. Fish were overreactive to external stimuli. Affected fish swam at or near surface. No loss of equilibrium observed.  
LC50, Water Flea (Daphnia magna), 9.300 - 21.40 MG/L, 48 H. Result: Affected fish stopped schooling behavior. Affected fish became hyperactive. Fish were overreactive to external stimuli. Affected fish swam at or near surface. No loss of equilibrium observed.

**Results of PBT and vPvB assessment:** No data available.

**Persistence and Degradability:** No data available.

**Bioaccumulative Potential:** No data available.

**Mobility in Soil:** No data available.

### 13. DISPOSAL CONSIDERATIONS

**Waste Disposal Method:** US EPA guidelines for the classification determination are listed in 40 CFR Parts 261.3. Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification. Observe all federal, state, and local environmental regulations. Contact a licensed professional waste disposal service to dispose of this material.

### 14. TRANSPORT INFORMATION

**LAND TRANSPORT (US DOT):**

**DOT Proper Shipping Name:** Not Regulated.

**DOT Hazard Class:**

**UN/NA Number:**

### 15. REGULATORY INFORMATION

**EPA SARA (Superfund Amendments and Reauthorization Act of 1986) Lists**

CAS #	Hazardous Components (Chemical Name)	S. 302 (EHS)	S. 304 RQ	S. 313 (TRI)
138-86-3	Dipentene	No	No	No
NA	Surfactant	No	No	No
68584-22-5	Benzenesulfonic acid, C10-16-alkyl derivs.	No	No	No

**CAS # Hazardous Components (Chemical Name)**

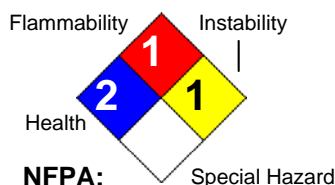
**Other US EPA or State Lists**

138-86-3	Dipentene	TSCA: Yes - Inventory; CA PROP.65: No; CA TAC, Title 8: No; MA Oil/HazMat: No; MI CMR, Part 5: No; NJ EHS: Yes - 0792; NY Part 597: No; PA HSL: No
NA	Surfactant	TSCA: No; CA PROP.65: No; CA TAC, Title 8: No; MA Oil/HazMat: No; MI CMR, Part 5: No; NJ EHS: No; NY Part 597: No; PA HSL: No
68584-22-5	Benzenesulfonic acid, C10-16-alkyl derivs.	TSCA: Yes - Inventory; CA PROP.65: No; CA TAC, Title 8: No; MA Oil/HazMat: No; MI CMR, Part 5: No; NJ EHS: No; NY Part 597: No; PA HSL: No

### 16. OTHER INFORMATION

**Revision Date:** 12/17/2014

**Hazard Rating System:**



**Additional Information About** No data available.

**This Product:**

**Company Policy or**

**Disclaimer:**

While S&F Sonics, Inc./Omegasonics believes the statements set forth herein are accurate as of the date hereof, S&F Sonics, Inc./Omegasonics makes no warranty with respect thereto and expressly disclaims all liability for reliance thereon. Such data is offered solely for your consideration, investigation, and verification.