

## Ultrasonic Cleaner

REVISION DATE: 07/17/15

SUPERSEDES: 01/07/15

### 1. PRODUCT AND COMPANY INFORMATION

**Product Name:** FC ULTRASONIC SOLUTION

**Product Number(s):** 8515388, 8515386, 8515384, 8515382, 8515380

**Supplier:** Paul H. Gesswein & Co., Inc., 201 Hancock Ave., Bridgeport, CT 06605

**Phone:** 203-366-5400, **FAX** 203-366-3953

**Emergency phone number:** CHEMTEL - 800-255-3924

### 2. HAZARDS IDENTIFICATION



**IRRITANT**

#### WARNING

**EYES:** Contact with eyes may cause moderate to severe irritation.

**SKIN:** Contact with skin may cause slight to moderate irritation, particularly with prolonged contact.

**INGESTION:** Ingestion may cause severe gastrointestinal distress accompanied by irritation to mucous membranes of the mouth and esophagus.

### 3. COMPOSITION INFORMATION

COMPONENT	% BY WEIGHT	EXPOSURE LIMIT	CAS REG. NO.
Triethanolamine	Less than 15.0	ACGIH TLV = 5 mg/m <sup>3</sup> TWA	102-71-6

### 4. FIRST AID MEASURES

**EYES:** Irrigate affected eye(s) with flowing water for 10 minutes. Seek prompt medical attention.

**SKIN:** Remove contaminated clothing and flush affected area with flowing water for several minutes. If irritation persists, seek medical attention.

**INGESTION:** Drink several glasses of water. DO NOT induce vomiting. Seek prompt medical attention. Treat for ingestion of amine.

### 5. FIRE FIGHTING MEASURES

**SPECIAL FIRE FIGHTING PROCEDURES:** Wear protection equipment to prevent exposure to body tissues. See Section 8.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** None expected.

### 6. ACCIDENTAL RELEASE MEASURES

Before beginning clean up – secure protective equipment – See Section 8.

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**PROCEDURE FOR SPILL OR RELEASE:** Isolate spill and mop or absorb with absorbent material such as corn cob or SPEEDE DRY (or other inert material). Transfer to a suitable container for subsequent disposal in accordance with federal, state and municipal regulations.

### 7. HANDLING AND STORAGE

**STORAGE/HANDLING PROCEDURES:** Store in a cool, dry location away from an acids and oxidizers.  
**OTHER PRECAUTIONS:** Keep container closed when not in use. DO NOT mix with other chemicals. Read all applicable instructions for use, etc. before handling.

### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**RESPIRATORY PROTECTION/TYPE:** Not required under prescribed use instructions.  
**VENTILATION/TYPE:** General mechanical is adequate.  
**PROTECTIVE GLOVES:** Approved gauntlet type gloves are recommended.  
**EYE/FACE PROTECTION:** Approved face shield or protective goggles highly recommended.  
**OTHER PROTECTIVE CLOTHING/EQUIPMENT:** Rubber or plastic apron; eye wash and safety shower should be provided in general work area for emergency use.

### 9. PHYSICAL AND CHEMICAL CHARACTERISTICS

<b>BOILING POINT</b>	ND	<b>VAPOR PRESSURE</b>	ND
<b>SP. GRAVITY</b>	1.062	<b>% VOLATILE (including water)</b>	<60 (wt%)
<b>EVAPORATION RATE (ETHER = 1)</b>	Less than 1	<b>VAPOR DENSITY</b>	ND
<b>SOLUBILITY</b>	COMPLETE	<b>REACTIVITY IN WATER</b>	Slight haze
<b>APPEARANCE/ODOR</b>	Viscous amber liquid with slight odor		
<b>FLASH POINT</b>	NONE	<b>AUTO IGNITION</b>	NA
<b>pH (concentrate)</b>	9.8-10.4	<b>pH (5% solution):</b>	7.0-7.5

### 10. STABILITY AND REACTIVITY

**STABILITY:** Stable  
**CONDITIONS TO AVOID:** Avoid storage in extremes of temperature. Keep from freezing.  
**INCOMPATIBILITY:** Avoid contact with acids, oxidizers. Do not mix with nitrite(s) or products know to contain nitrite(s) due to possible formation of nitrosoamine compounds.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Not determined

**HAZARDOUS POLYMERIZATION:** Will not occur

### 11. TOXICOLOGICAL INFORMATION

**THRESHOLD LIMIT VALUE:** Not Established

**CARCINOGEN/POTENTIAL CARCINOGEN:** NO

### 12. ECOLOGICAL INFORMATION

No information available

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### **13. DISPOSAL CONSIDERATIONS**

**WASTE DISPOSAL METHOD:** This compound and its' solutions are alkaline and must be neutralized prior to discharge to a municipal treatment facility *with prior approval*. As regulations may vary, it is recommended that consultation with state/municipal authorities be made regarding specific regulations/restrictions.

### **14. TRANSPORTATION INFORMATION**

(US) DOT CLASSIFICATION: Not Classified

### **15. OTHER REGULATORY INFORMATION**

NA

### **16. OTHER INFORMATION**

**UPDATE RECORD:**

07/17/15	Section titles modified (some), GHS format
01/07/15	New