

## SAFETY DATA SHEET

### Section 1. Product And Company Identification

**Product Name:** Compliance™  
**Product Use:** Liquid Sterilant/High Level Disinfectant

**Manufacturer:** METREX™ RESEARCH  
1717 W. Collins Ave.  
Orange, CA 92867  
U.S.A.

**Information Phone Number:** 1-800-841-1428 (Customer Service)

**Chemical Emergency Phone Number** (Chemical Spills, Leaks, Fire, Exposure or Accident only):  
CHEMTREC 1-800-424-9300 (in the US) 1-703-527-3887 (Outside the US)

**SDS Date Of Preparation/Revision:** 12/16/2014

### Section 2. Hazards Identification

**GHS / HAZCOM 2012 Classification:**  
Eye Damage Category 1

Label Elements

**Danger!**



**Hazard Phrases**  
Causes serious eye damage.

**Prevention:**  
Wear eye protection.

**Response:**  
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
Immediately call a POISON CENTER or doctor

### Section 3. Composition/Information On Ingredients

| Component                           | CAS No.   | Amount |
|-------------------------------------|-----------|--------|
| Hydrogen Peroxide                   | 7722-84-1 | 7.35%  |
| Peracetic Acid                      | 79-21-0   | 0.23%  |
| Water and non-hazardous ingredients | Mixture   | 92.42% |

### Section 4. First Aid Measures

**Eye Contact:** Hold eye open and rinse slowly and gently with water for 15 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing. Seek immediate medical attention.

**Skin Contact:** Wash with soap and water. Seek medical attention if irritation develops and persists. Remove and launder contaminated clothing.

**Inhalation:** Move to fresh air if effects occur and seek medical attention if effects persist.

**Ingestion:** If the victim is alert, have them rinse their mouth with water. Do not induce vomiting unless directed to do so by medical personnel. Do not attempt to give anything by mouth to an unconscious person. Seek medical advice by calling a Poison Center or doctor.

**Most important symptoms and effects, acute and delayed:** Causes irreversible eye irritation or damage. May cause skin irritation. Inhalation of mists may cause irritation of the mucous membranes and upper respiratory tract. Ingestion may cause gastrointestinal irritation, nausea and diarrhea.

**Indication of immediate medical attention and special treatment, if needed:** If eye contact occurs, get immediate medical attention.

### Section 5. Fire Fighting Measures

**Suitable (and Unsuitable) Extinguishing Media:** Use any media that is suitable for the surrounding fire. Cool fire exposed containers with water.

**Specific Hazards Arising from the Chemical:** Fire exposed containers may rupture during a fire. This product contains oxidizers. These may concentrate through evaporation of the water. Do not allow this product to dry on clothing, rags or other combustible material as this may result in fire. Thoroughly rinse contaminated clothing or other material with water. Thermal decomposition will release oxygen.

**Special Protective Equipment and Precautions for Fire-fighters:** Firefighters should wear positive pressure self-contained breathing apparatus and full protective clothing for fires in areas where chemicals are used or stored.

## Section 6: Accidental Release Measures

**Personal precautions, Protective equipment, and Emergency procedures:** Wear appropriate eye protection. Ventilate the area. Clear the area of unprotected people. Keep spill away from combustible materials.

**Methods and Materials for Containment and Cleaning up:** Collect material with an inert, non-combustible absorbent material and place in appropriate, labeled container for disposal.

## Section 7. Handling and Storage

**Precautions for Safe Handling:** Avoid contact with eyes, skin and clothing. Avoid generating and breathing mists. Wear appropriate eye protection when handling. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove and wash contaminated clothing before reuse. Do not allow this product to dry on clothing, rags or other combustible material as this may result in fire. Thoroughly rinse contaminated clothing or other material with water.

**Conditions for Safe Storage, Including any Incompatibilities:** Store at room temperature.

## Section 8. Exposure Controls / Personal Protection

### Exposure Limits

| Chemical          | Exposure Limit                    |
|-------------------|-----------------------------------|
| Hydrogen Peroxide | 1 ppm ACGIH TLV<br>1 ppm OSHA PEL |
| Peracetic Acid    | None Established                  |

**Appropriate Engineering Controls:** General ventilation should be adequate for normal use. For operations where the exposures are exceed the exposure limit, mechanical ventilation such as local exhaust may be needed.

**Respiratory Protection:** None under normal use conditions with adequate ventilation. For operations where the occupational exposures are excessive, a NIOSH approved supplied air respirator is recommended. Equipment selection depends on contaminant type and concentration. Select in accordance with 29 CFR 1910.134 and good industrial hygiene practice. For firefighting, use self-contained breathing apparatus.

**Hand protection:** Impervious gloves such as butyl rubber are recommended if needed to avoid prolonged/repeated skin contact.

**Eye Protection:** Safety goggles are recommended to prevent eye contact.

**Skin Protection:** Wear protective clothing if needed to avoid prolonged/ repeated skin contact.

**Hygiene measures:** Suitable eye wash and washing facilities should be available in the work area.

**Section 9. Physical and Chemical Properties**

|                                                 |                |                                  |                    |
|-------------------------------------------------|----------------|----------------------------------|--------------------|
| <b>Appearance:</b>                              | Yellow liquid  | <b>Odor:</b>                     | Slight acidic odor |
| <b>Odor Threshold:</b>                          | Not available  | <b>pH:</b>                       | 1.8-2.2            |
| <b>Melting/Freezing Point:</b>                  | Not available  | <b>Boiling Point/Range:</b>      | 212°F (100°C)      |
| <b>Flash Point:</b>                             | None           | <b>Evaporation Rate:</b>         | Same as water      |
| <b>Flammability: (Solid, Gas)</b>               | Not applicable | <b>Flammability Limits:</b>      | N/A                |
| <b>Vapor Pressure:</b>                          | 21 mmHg @ 25°C | <b>Vapor Density:</b>            | Same as water      |
| <b>Relative Density:</b>                        | 1.035          | <b>Solubilities:</b>             | Complete           |
| <b>Partition Coefficient: (N-Octanol/Water)</b> | Not available  | <b>Autoignition Temperature:</b> | Not flammable      |
| <b>Decomposition Temperature:</b>               | Not available  | <b>Viscosity:</b>                | Not available      |

**Section 10. Stability and Reactivity**

**Reactivity:** None known.

**Chemical Stability:** Stable.

**Possibility of Hazardous Reactions:** None known.

**Conditions to avoid:** Do not use if the product has been frozen, becomes cloudy or has visible precipitants.

**Incompatible Materials:** Avoid strong reducing agents, cyanides, nitric acid, potassium permanganate and heavy metals. Avoid product contact with combustible materials. Do not allow this product to dry on clothing, rags or other combustible material as this may result in fire. Thoroughly rinse contaminated clothing or other material with water.

**Hazardous decomposition products:** Decomposition may produce carbon monoxide, carbon dioxide and oxygen.

**Section 11. Toxicological Information****Potential Health Effects:**

**Inhalation:** Inhalation of mists may cause irritation of the nose, throat and upper respiratory tract.

**Skin Contact:** May cause skin irritation. Whitening of the skin may occur which is expected to return to normal within approximately 1 hour. Compliance was not irritating to rabbit skin in a primary dermal irritation test.

**Eye Contact:** May cause serious irritation or damage with tearing, redness and pain. Irreversible tissue damage may occur. Compliance was shown to cause irreversible eye damage in rabbit's eyes in an ocular irritation test.

**Ingestion:** Ingestion may cause gastrointestinal irritation with nausea and diarrhea.

**Chronic Hazards:** None currently known. Compliance was negative in the AMES test for mutagenicity.

**Medical Conditions Aggravated By Exposure:** None currently known.



**Carcinogen:** None of the components is listed as a carcinogen or potential carcinogen by IARC, NTP, ACGIH, or OSHA.

**Acute Toxicity Values:**

Product: Oral rat LD50 >5 g/kg; Dermal rabbit LD50 >2000 mg/kg

**Section 12. Ecological Information**

**Toxicity:** No toxicity data available for product.

Hydrogen Peroxide: 96 hr LC50 pimephales promelas 16.4 mg/L; 48 hr LC50 daphnia pulex 2.4 mg/L; 72 hr EC 50 skeletonema costatum 1.38

Peracetic Acid: 96 hr oncorhynchus mykiss LC50 0.53 mg/L; 48 hr EC50 daphnia magna EC50 0.73 mg/L; 72 hr EC50 pseudokirchnerella subcapitata 0.16 mg/L

**Persistence and degradability:** No data available for product.

**Bioaccumulative Potential:** No data available for product.

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

**Other Adverse Effects:** None known

**Section 13. Disposal Considerations**

**Solution Disposal:** For unused solution, dispose of in accordance with Federal, State, and local regulations. For used solution, the waste solution must be characterized by the generator and disposed of in accordance with Federal, State, and local regulations.

**Container Disposal:** Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available.

**Section 14. Transport Information**

|            | UN Number | UN Proper Shipping Name | Hazard Class(s) | Packing Group | Environmental Hazards |
|------------|-----------|-------------------------|-----------------|---------------|-----------------------|
| US DOT     | None      | Not Regulated           | None            | None          | None                  |
| EU ADR/RID | None      | Not Regulated           | None            | None          | None                  |
| IMDG       | None      | Not Regulated           | None            | None          | None                  |
| IATA/ICAO  | None      | Not Regulated           | None            | None          | None                  |

**Section 15. Regulatory Information**

**U.S. Federal Regulations:**

**EPA SARA 311/312 Hazard Classification:** Acute Health Hazard

**EPA SARA 313:** This Product Contains the Following Chemicals Subject to Annual Release Reporting Requirements Under SARA Title III, Section 313 (40 CFR 372): None



**Protection Of Stratospheric Ozone:** This product is not known to contain or to have been manufactured with ozone depleting substances as defined in 40 CFR Part 82, Appendix A to Subpart A.

**CERCLA SECTION 103:** This product is not subject to CERCLA reporting requirements; however, many states have more stringent release reporting requirements. Report spills required under federal, state and local regulations.

### **International Inventories**

**US EPA TSCA Inventory:** All of the components of this product are listed on the Toxic Substances Control Act (TSCA) Chemical Substances Inventory or exempt.

**Canadian Environmental Protection Act:** All of the components in this product are listed on the Domestic Substances List (DSL) or exempt.

**Australia:** All of the components in this product are listed on the Australian Inventory of Chemical Substances (AICS) or exempt.

**China:** All of the components in this product are listed on the Inventory of Existing Chemical Substances in China (IECSC) or exempt.

**Korea:** All of the components in this product are listed on the Korean Existing Chemicals List (KECL) or exempt.

**New Zealand:** All of the components in this product are listed on the New Zealand Inventory of Chemicals (NZIoC) or exempt.

**Philippines:** All of the components of this product are listed on the Philippines Inventory of Chemicals and Chemical Substances (PICCS) or exempt.

**Taiwan:** All of the components of this product are listed on the National Existing Chemical Inventory (NECI) in Taiwan.

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| <b>Section 16. Other Information</b> |
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NFPA Rating: Fire: 0      Health: 2      Instability: 0

**Effective Date:** 12/16/2014

**Supersedes Date:** 10/21/2003

**Revision Summary:** New GHS Formatted SDS

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