

# Safety Data Sheet

## WC-239 SANITIZER

### 1. PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** WC-239 SANITIZER

**PRODUCT DESCRIPTION:** SANITIZER

#### DISTRIBUTOR

WAYNE CHEMICAL, INC.  
7114 Homestead Road  
Fort Wayne, IN 46814  
**Emergency Phone:** 260-432-1120  
**Customer Service:** 260-432-1120  
**E-Mail:** info@waynechemical.com

#### 24 HR. EMERGENCY TELEPHONE NUMBERS

**Poison Control Center (Medical) :** (877) 800-5553  
**CANUTEC (Canadian Transportation) :** (613) 996-6666  
**CHEMTREC (US Transportation) :** (800) 424-9300  
**CHEMTREC Account Number :** 24245

### 2. HAZARDS IDENTIFICATION

#### GHS CLASSIFICATIONS

##### Health:

Skin Corrosion  
Serious Eye Damage  
Acute Toxicity (Dermal)  
Acute Toxicity (Oral)

##### Environmental:

Acute Hazards to the Aquatic Environment

##### Physical:

Oxidizing Liquids  
Corrosive to Metals  
Organic Peroxides

#### GHS LABEL



Corrosion



Exclamation  
mark



Flame  
over  
circle



Flame

**SIGNAL WORD:** DANGER

#### HAZARD STATEMENTS

H242: Heating may cause a fire.

H272: May intensify fire; oxidizer.  
H290: May be corrosive to metals.  
H302: Harmful if swallowed.  
H313: May be harmful in contact with skin.  
H314: Causes severe skin burns and eye damage.  
H401: Toxic to aquatic life.

## PRECAUTIONARY STATEMENTS

### Prevention:

P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
P221: Take any precaution to avoid mixing with combustibles.  
P220: Keep away from clothing and other combustible materials.  
P234: Keep only in original packaging.  
P264: Wash thoroughly after handling.  
P270: Do not eat, drink or smoke when using this product.  
P280: Wear protective gloves/protective clothing/eye protection/face protection.

### Response:

P301+P330+P331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.  
P301+P312: IF SWALLOWED: Call a POISON CENTER/ doctor if you feel unwell.  
P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
P303+P361+P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].  
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P363: Wash contaminated clothing before reuse.  
P370+P378: In case of fire: Use dry sand, dry chemical or alcohol-resistant foam to extinguish.  
P390: Absorb spillage to prevent material damage.

### Storage:

7508WCOK: It is recommended to store this product at temperatures where the bulk liquid will not exceed 86°F / 30°C. Keep cool. Store away from other materials. Protect from sunlight. Store locked up. Store in a corrosive resistant container with a resistant inner liner.

### Disposal:

P501: Dispose of contents/container to local, regional, national, territorial, provincial, and international regulations.

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

| Chemical Name     | Wt.%        | CAS       |
|-------------------|-------------|-----------|
| Hydrogen Peroxide | 21.5 - 22.5 | 7722-84-1 |
| Peracetic Acid    | 14.8 - 15.7 | 79-21-0   |
| Acetic Acid       | 15.8 - 16.6 | 64-19-7   |

## 4. FIRST AID MEASURES

**EYES:** Remove source of exposure or move person to fresh air and keep comfortable for breathing. Immediately call a POISON CENTER/doctor. If breathing is difficult, trained personnel should administer emergency oxygen if advised to do so by the POISON CENTER/doctor. Symptoms of pulmonary edema can be delayed up to 48 hours after exposure. If direct contact during rescue breathing poses a threat to the first aid provider, "Avoid mouth-to-mouth contact by using a barrier device."

**SKIN:** Take off immediately contaminated clothing, shoes and leather goods (e.g. watchbands, belts). Rinse skin with lukewarm, gently flowing water/shower with a flushing duration of 30 minutes. Immediately call POISON CENTER/doctor. Wash contaminated clothing before re-use.

**INGESTION:** Rinse mouth. Do NOT induce vomiting. Immediately call a POISON CENTER/doctor. If vomiting occurs naturally, lie on your side, in the recovery position.

**INHALATION:** Remove source of exposure or move person to fresh air and keep comfortable for breathing. Immediately call a POISON CENTER/doctor. If breathing is difficult, trained personnel should administer emergency oxygen if advised to do so by the POISON CENTER/doctor. Symptoms of pulmonary edema can be delayed up to 48 hours after exposure. If direct contact during rescue breathing poses a threat to the first aid provider, "Avoid mouth-to-mouth contact by using a barrier device."

## 5. FIRE FIGHTING MEASURES

**FLAMMABLE CLASS:** Non-flammable

**GENERAL HAZARD:** Non combustible. May give off irritating or toxic fumes (or gases) in a fire.

**EXTINGUISHING MEDIA:** Dry powder, foam, carbon dioxide, water spray, sand. Do NOT use heavy water stream.

**HAZARDOUS COMBUSTION PRODUCTS:** May cause fire and explosions when in contact with incompatible materials.

**OTHER CONSIDERATIONS:** Incompatible materials: Avoid strong reducing agents, soft metals, heat and bases (unless product has been diluted to less than 1000ppm, then bases may be used to gradually adjust to a pH of less than 9).

**FIRE FIGHTING EQUIPMENT:** Self-contained breathing apparatus and protective clothing should always be worn when fighting fires involving chemicals.

## 6. ACCIDENTAL RELEASE MEASURES

**SMALL SPILL:** Neutralize with soda ash or cover with dry earth, sand or other non combustible material, place into loosely covered plastic containers for later disposal. If neutralized, material can be diluted into drain.

**LARGE SPILL:** Restrict access to area until completion of clean up. Prevent liquid from entering sewers or waterways. Stop or reduce leak if safe to do so. Dike with inert material (sand, earth, etc.). Collect into plastic containers for disposal. Ensure adequate decontamination of tools and equipment following clean up.

## 7. HANDLING AND STORAGE

**HANDLING:** Wear at least chemical resistant gloves and eye protection, face shield, and chemical resistant garments when handling, moving or using this product. Do not contaminate water, food, or feed by storage or disposal.

**STORAGE:** It is recommended to store this product at temperatures where the bulk liquid will not exceed 86°F / 30°C. Store in a cool, dry, well ventilated place away from direct sunlight. Keep container closed when not in use.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### EXPOSURE GUIDELINES

| OSHA HAZARDOUS COMPONENTS (29 CFR1910.1200) |      |                 |                   |           |                   |              |                   |
|---------------------------------------------|------|-----------------|-------------------|-----------|-------------------|--------------|-------------------|
|                                             |      | EXPOSURE LIMITS |                   |           |                   |              |                   |
|                                             |      | OSHA PEL        |                   | ACGIH TLV |                   | Supplier OEL |                   |
| Chemical Name                               |      | ppm             | mg/m <sup>3</sup> | ppm       | mg/m <sup>3</sup> | ppm          | mg/m <sup>3</sup> |
| Hydrogen Peroxide                           | TWA  | 1               | 1.4               | 1         | 1.4               | NL           | NL                |
|                                             | STEL |                 |                   |           |                   | NL           | NL                |
| Acetic Acid                                 | TWA  | 10              | 25                | 10        | 25                | NL           | NL                |
|                                             | STEL |                 |                   | 15        | 37                | NL           | NL                |

**ENGINEERING CONTROLS:** Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. Eye wash facilities and emergency shower must be available when handling this product.

### PERSONAL PROTECTIVE EQUIPMENT

**EYES AND FACE:** Wear chemical goggles; also wear a face shield if splashing hazard exists.

**SKIN:** Wear appropriate chemical resistant gloves. Wear appropriate chemical resistant clothing.

**RESPIRATORY:** If engineering controls do not maintain airborne concentrations below recommended exposure limits (where applicable) or to an acceptable level (in countries where exposure limits have not been established), an approved respirator must be worn.

**PROTECTIVE CLOTHING:** Wear appropriate chemical resistant clothing.

**WORK HYGIENIC PRACTICES:** Always observe good personal hygiene measures, such as washing after handling the material and before eating or drinking. Routinely wash work clothing and protective equipment to remove contaminants.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**ODOR:** Vinegar odor

**APPEARANCE:** Clear Liquid

**COLOR:** Colorless

**pH:** < 1

**Notes:** pH of 10% solution

**PERCENT VOLATILE:** 99

**FLASH POINT AND METHOD:** > 98°C (207°F)

**FLAMMABLE LIMITS:** Nonflammable

**AUTOIGNITION TEMPERATURE:** > 270°C (518°F)

**VAPOR PRESSURE:** 22 mm Hg

**FREEZING POINT:** < -12°C (10°F)

**MELTING POINT:** < -12°C (10°F)

**SOLUBILITY IN WATER:** Completely Miscible

**SPECIFIC GRAVITY:** 1.135 g/mL

**VISCOSITY #1:** 10 to 20 cSt at 20°C (68°F)

## 10. STABILITY AND REACTIVITY

**REACTIVITY:** Reactive with bases, metals, reducing agents and combustible materials

**STABILITY:** Stable for up to 1 year when stored under normal conditions.

**CONDITIONS TO AVOID:** Incompatible materials and high temperatures

**POSSIBILITY OF HAZARDOUS REACTIONS:** May react with incompatible materials

**HAZARDOUS DECOMPOSITION PRODUCTS:** Oxygen which supports combustion

**INCOMPATIBLE MATERIALS:** Reacts with bases, metals, reducing agents and combustible materials.

## 11. TOXICOLOGICAL INFORMATION

### ACUTE

**DERMAL LD<sub>50</sub>:** 494 mg/kg

**SKIN ABSORPTION:** 2281 mg/kg

**INHALATION LC<sub>50</sub>:** > 20 mg/L

**EYE EFFECTS:** Corrosive! Causes irritation of eyes, and with greater exposures it can cause burns that may result in permanent impairment of vision, even blindness.

**SKIN EFFECTS:** Corrosive! Contact with skin causes irritation or severe burns and scarring with greater exposures.

## 12. ECOLOGICAL INFORMATION

**ECOTOXICOLOGICAL INFORMATION:** May be harmful to aquatic life.

**BIOACCUMULATION/ACCUMULATION:** None Expected.

### 13. DISPOSAL CONSIDERATIONS

**DISPOSAL METHOD:** Dispose of in accordance with all local, state and Federal regulations.

### 14. TRANSPORT INFORMATION

#### DOT (DEPARTMENT OF TRANSPORTATION)

**PROPER SHIPPING NAME:** Organic Peroxide, type F, liquid ( $\leq 25\%$  peracetic acid with  $\leq 26\%$  hydrogen peroxide)

**PRIMARY HAZARD CLASS/DIVISION:** 5.2 (Oxidizer)

**SECONDARY HAZARD CLASS/DIVISION:** 8 (Corrosive)

**UN/NA NUMBER:** UN3109

### 15. REGULATORY INFORMATION

#### UNITED STATES

#### SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

**PRESSURE GENERATING:** Yes **REACTIVITY:** Yes

#### EPCRA SECTION 313 SUPPLIER NOTIFICATION

| Chemical Name  | Wt.%        | CAS     |
|----------------|-------------|---------|
| Peracetic Acid | 14.8 - 15.7 | 79-21-0 |

#### CERCLA (COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT)

**CERCLA REGULATORY:** Acetic Acid has a RQ of approximately 31000 lbs. of as is chemical.

| Chemical Name     | Wt.%        | CERCLA RQ |
|-------------------|-------------|-----------|
| Hydrogen Peroxide | 21.5 - 22.5 | 1,000     |
| Acetic Acid       | 15.8 - 16.6 | 5,000     |

#### EPA

**EPA RQ INGREDIENT:** Peracetic acid has a RQ of approximately 3500 lbs. of as is chemical.

#### TSCA (TOXIC SUBSTANCE CONTROL ACT)

| Chemical Name     | CAS       |
|-------------------|-----------|
| Hydrogen Peroxide | 7722-84-1 |
| Peracetic Acid    | 79-21-0   |
| Acetic Acid       | 64-19-7   |

#### CLEAN AIR ACT

| Chemical Name  | Wt.%        | CAS     |
|----------------|-------------|---------|
| Peracetic Acid | 14.8 - 15.7 | 79-21-0 |

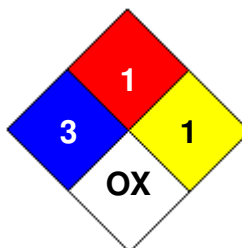
## 16. OTHER INFORMATION

**PREPARED BY:** Wayne Chemical, Inc. **Date Prepared:** 06/01/2018 **Revision Date:** 1-1-2026

### HMIS RATING

|                            |                      |          |
|----------------------------|----------------------|----------|
| <b>HEALTH</b>              | <input type="text"/> | <b>3</b> |
| <b>FLAMMABILITY</b>        | <input type="text"/> | <b>1</b> |
| <b>PHYSICAL HAZARD</b>     | <input type="text"/> | <b>1</b> |
| <b>PERSONAL PROTECTION</b> | <input type="text"/> | <b>C</b> |

### NFPA CODES



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