

Safety Data Sheet

WC-237 SANITIZER



1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: WC-237 SANITIZER

PRODUCT DESCRIPTION: SANITIZER

MANUFACTURER

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

EPA REG. NO.: 63838-1-34859

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:

Eye Corrosion

May cause gastric distress, vomiting and diarrhea.

Skin Corrosion

Respiratory Tract Irritation

Physical:

Oxidizing Liquids

Organic Peroxides

GHS LABEL



Corrosion



Health hazard



Flame over circle

SIGNAL WORD: DANGER

HAZARD STATEMENTS

H314: Causes severe skin burns and eye damage.
H303: May be harmful if swallowed.
H333: May be harmful if inhaled.

PRECAUTIONARY STATEMENTS

Prevention:

P102: Keep out of reach of children.
P280: Wear protective gloves/protective clothing/eye protection/face protection.
P261: Avoid breathing dust/fume/gas/mist/vapours/spray.
P262: Do not get in eyes, on skin, or on clothing.
P233: Keep container tightly closed.

Response:

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P304+P341: IF INHALED: If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing.
P306: IF ON CLOTHING: Remove contaminated clothing and footwear and wash before reuse.
P302: IF ON SKIN: Immediately flush skin with large amounts of water for at least 15 minutes while removing contaminated clothing and footwear. Wash contaminated clothing before reuse. Discard footwear that cannot be decontaminated. If irritation persists, SEEK MEDICAL ATTENTION IMMEDIATELY.
P301: IF SWALLOWED: Immediately drink large amounts of water. Do NOT induce vomiting.
IMPORTANT -- Have patient drink water if patient is vomiting. Do NOT give anything by mouth to an unconscious or convulsing person. SEEK MEDICAL ATTENTION IMMEDIATELY.
P309+P311: IF exposed or if you feel unwell: Call a POISON CENTER or doctor/physician.

Storage:

P401: Store out of reach of children.
P403+P233: Store in a well-ventilated place. Keep container tightly closed.

Disposal:

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

POTENTIAL HEALTH EFFECTS

EYES: Corrosive, contact causes severe eye burns.

SKIN: Corrosive, causes skin burning.

INGESTION: May be harmful if swallowed. Causes burns to mouth, throat and stomach.

INHALATION: Dust or vapor irritating to eyes and respiratory tract.

REPRODUCTIVE TOXICITY

REPRODUCTIVE EFFECTS: No known significant effects.

TERATOGENIC EFFECTS: No known significant effects.

CARCINOGENICITY: No known significant effects.

MUTAGENICITY: No known significant effects.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt.%	CAS
Peracetic Acid	5 - 6	79-21-0
Hydrogen Peroxide	26.5 - 27.5	7722-84-1
Acetic Acid	5 - 10	64-19-7

4. FIRST AID MEASURES

EYES: Immediately flush eyes with large amounts of cool running water. If present, remove contact lenses. Continue flushing for at least 15 minutes while holding eyelids apart to ensure flushing of entire eye surface. **SEEK MEDICAL ATTENTION IMMEDIATELY.**

SKIN: Immediately flush skin with large amounts of water for at least 15 minutes while removing contaminated clothing and footwear. Wash contaminated clothing before reuse. Discard footwear that cannot be decontaminated. If irritation persists, **SEEK MEDICAL ATTENTION IMMEDIATELY.**

INGESTION: If swallowed, immediately drink large amounts of water. Do NOT induce vomiting. **IMPORTANT --** Readminister water if patient is vomiting. Do NOT give anything by mouth to an unconscious or convulsing person. **SEEK MEDICAL ATTENTION IMMEDIATELY.**

INHALATION: Remove person to fresh air at once. If breathing is difficult, give oxygen. If breathing has stopped, give mouth-to-mouth resuscitation. **SEEK MEDICAL ATTENTION IMMEDIATELY.**

SIGNS AND SYMPTOMS OF OVEREXPOSURE

EYES: Can be corrosive.

SKIN: Can be corrosive.

INGESTION: Can cause stomach or esophageal burns, perforations or strictures to occur.

INHALATION: Can be corrosive to mucous membrane.

5. FIRE FIGHTING MEASURES

FLAMMABLE CLASS: Non-flammable

EXTINGUISHING MEDIA: Dry chemical, foam, carbon dioxide or water fog or water (if appropriate for surrounding fire).

FIRE FIGHTING PROCEDURES: In case of fire and/or explosion do not breathe fumes. Use standard firefighting procedures and consider the hazards of other involved materials.

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

HAZARDOUS DECOMPOSITION PRODUCTS: Oxygen that supports combustion.

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILL: Wear protective clothing. For spills of five gallons or less, flush to sewer with copious amounts of water.

LARGE SPILL: Dike well ahead of spill with non-reactive materials such as sand. Spill may be neutralized with soda ash (sodium carbonate) broadcast on surface. Use 1.0 to 1.5 pounds of soda ash for each gallon of spilled material. The resultant neutralized product will become carbon dioxide and water. Flush material with water and collect for disposal into plastic container. Dispose of in accordance with federal, state, or local laws.

7. HANDLING AND STORAGE

HANDLING: Store drums in an upright position only. Empty drums as thoroughly as possible. Triple rinse before disposal. Never return product to original container.

STORAGE: Do not store near reducing agents, fuels, organic material, or other non-compatible materials. Store in cool, dry, well ventilated area. DO NOT STORE IN DIRECT SUNLIGHT, or near sources of ignition or heat. Use first in, first out storage management. Containers must be vented.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE GUIDELINES

		EXPOSURE LIMITS					
		OSHA PEL		ACGIH TLV		Supplier OEL	
Chemical Name		ppm	mg/m ³	ppm	mg/m ³	ppm	mg/m ³
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

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: Wear safety goggles or face shield.

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: Sharp, pungent, vinegar-like odor

APPEARANCE: Clear Liquid

COLOR: Colorless

pH: 1.8

Notes: pH of 10% solution

PERCENT VOLATILE: Not more than 10%

FLASH POINT AND METHOD: > (200°F)

AUTOIGNITION TEMPERATURE: 270°C

VAPOR PRESSURE: 22 mm Hg at 25°C

SOLUBILITY IN WATER: Completely Miscible

DENSITY: 9.35 lbs/gal

10. STABILITY AND REACTIVITY

STABLE: Yes

HAZARDOUS POLYMERIZATION: No

STABILITY: Product is shelf-stable for up to 1 year when stored at room temperature and not in direct sunlight.

POLYMERIZATION: None Expected.

CONDITIONS TO AVOID: Open flames, elevated temperature, any source of heat, combustibles such as paper, wood, or leather. Temperatures above 86 F will degrade product, accelerate decomposition, and reduce shelf life.

HAZARDOUS DECOMPOSITION PRODUCTS: Degrades giving off acetic acid and oxygen.

INCOMPATIBLE MATERIALS: Dirt, alkali (lye), organics, leather, paper, wood, and all metals except aluminum and stainless steel.

11. TOXICOLOGICAL INFORMATION

EYE EFFECTS: Corrosive

SKIN EFFECTS: Corrosive

12. ECOLOGICAL INFORMATION

AQUATIC TOXICITY (ACUTE)

96-HOUR LC₅₀: 1.21 mg/L

Notes: Bluegill

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Flush material with water and collect for disposal into plastic container.

Dispose of in accordance with federal, state or local laws.

14. TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)

PROPER SHIPPING NAME: Hydrogen Peroxide and Peroxyacetic Acid Mixture, Stabilized, (with not more than 6% Peroxyacetic Acid)

PRIMARY HAZARD CLASS/DIVISION: 5.1 (Oxidizer) & 8 (Corrosive)

UN/NA NUMBER: UN 3149

PACKING GROUP: II

15. REGULATORY INFORMATION

UNITED STATES

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

311/312 HAZARD CATEGORIES: Peracetic acid

SECTION 312 THRESHOLD PLANNING QUANTITY (40 CFR370): 8900 lbs

313 REPORTABLE INGREDIENTS: Peracetic Acid

EPCRA SECTION 313 SUPPLIER NOTIFICATION

Chemical Name	Wt.%	CAS
Peracetic Acid	5 - 6	79-21-0

302/304 EMERGENCY PLANNING

EMERGENCY PLAN: Peracetic acid

THRESHOLD QUANTITY: 8900 lbs

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

Chemical Name	Wt.%	CERCLA RQ
Hydrogen Peroxide	26.5 - 27.5	1,000
Acetic Acid	5 - 10	5,000

TSCA (TOXIC SUBSTANCE CONTROL ACT)

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

CLEAN AIR ACT

Chemical Name	Wt.%	CAS
Peracetic Acid	5 - 6	79-21-0

16. OTHER INFORMATION

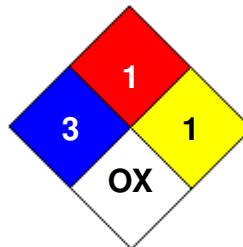
PREPARED BY: Wayne Chemical, Inc.

REVISION SUMMARY: This SDS replaces the 7/10/2014 SDS.

HMIS RATING

HEALTH	<input type="checkbox"/>	3
FLAMMABILITY	<input type="checkbox"/>	1
PHYSICAL HAZARD	<input type="checkbox"/>	1
PERSONAL PROTECTION	<input type="checkbox"/>	D

NFPA CODES



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