

# Safety Data Sheet

## WC-150 SANITIZER

### 1. PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** WC-150 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

**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

**EPA REG. NO.:** 34859-3

### 2. HAZARDS IDENTIFICATION

**GHS CLASSIFICATIONS**

**Health:**

Skin corrosion/irritation, Category 1  
Serious eye damage/eye irritation, Category 1  
Respiratory Tract Irritation, Category 3

**Environmental:**

Acute Hazards to the Aquatic Environment, Category 3

**Physical:**

Corrosive to Metals, Category 1

**GHS LABEL**



Corrosion



Health  
hazard



Environment

**SIGNAL WORD:** DANGER

**HAZARD STATEMENTS**

H290: May be corrosive to metals.  
H302: Harmful if swallowed.  
H314: Causes severe skin burns and eye damage.  
H315: Causes skin irritation.  
H335: May cause respiratory irritation.

H410: Very toxic to aquatic life with long lasting effects.

## PRECAUTIONARY STATEMENTS

### Prevention:

P280: Wear protective gloves/protective clothing/eye protection/face protection.

P260: Do not breathe dust/fume/gas/mist/vapours/spray.

P271: Use only outdoors or in a well-ventilated area.

P264: Wash ... thoroughly after handling.

P234: Keep only in original packaging.

P273: Avoid release to the environment.

### Response:

P301+P330+P331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

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.

P310: Immediately call a POISON CENTER or doctor/physician.

P363: Wash contaminated clothing before reuse.

P390: Absorb spillage to prevent material damage.

P391: Collect spillage.

### Storage:

P403+P233: Store in a well-ventilated place. Keep container tightly closed.

P405: Store locked up.

P406: Store in a corrosion resistant/...container with a resistant inner liner.

### Disposal:

11021BDD: Contact Federal, state, county and local environmental regulators for guidance.

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt.%	CAS
Sodium Hypochlorite	5 - 20	7681-52-9
Sodium Hydroxide	1 - 5	1310-73-2
Sodium Chloride	5 - 20	7647-14-5

## 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:** Corrosive effect. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Permanent eye damage including blindness could result.

**SKIN:** Contact causes skin irritation.

**INGESTION:** Can cause irritation and/or chemical burns to mouth, throat, and digestive tract.

**INHALATION:** Irritation to the throat. Difficulty breathing, Coughing.

## **5. FIRE FIGHTING MEASURES**

**FLAMMABLE CLASS:** None

**GENERAL HAZARD:** None

**EXPLOSION HAZARDS:** None

**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.

## **6. ACCIDENTAL RELEASE MEASURES**

**SMALL SPILL:** Contain the spill using dikes an/or booms. Dilute copiously with water. Neutralize with sodium sulfate, sodium bisulfate, or sodium thiosulfate.

**LARGE SPILL:** Material is toxic to fish. Contain the spill using dikes and/or booms. Dilute copiously with water. Neutralize with sodium sulfate, sodium bisulfate, or sodium thiosulfate.

## **7. HANDLING AND STORAGE**

**HANDLING:** Provide adequate ventilation consistent with the exposure guidelines when applicable. Use NIOSH-approved respirators in areas where exposure guideline limits are exceeded. Wear rubber or plastic gloves and safety goggles or face shield.

**STORAGE:** Keep container tightly closed. Store in a cool well ventilated area. Store in corrosive resistant container. Do not store near acids or combustible materials.

## **8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

### **EXPOSURE GUIDELINES**

OSHA HAZARDOUS COMPONENTS (29 CFR1910.1200)					
		EXPOSURE LIMITS			
		OSHA PEL		Supplier OEL	
Chemical Name		ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>
Sodium Hydroxide	TWA		2	NL	NL
	STEL			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 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:** Pungent

**APPEARANCE:** Clear Liquid

**COLOR:** Yellow to greenish

**pH:** 12 to 14

**PERCENT VOLATILE:** Not Available

**FLASH POINT AND METHOD:** > (200°F) COC

**FLAMMABLE LIMITS:** Nonflammable

**AUTOIGNITION TEMPERATURE:** None Expected.

**VAPOR PRESSURE:** 12 mm Hg

**VAPOR DENSITY:** Not Available

**BOILING POINT:** Not Available

**FREEZING POINT:** (-17°F)

**THERMAL DECOMPOSITION:** Not Available

**SOLUBILITY IN WATER:** Completely Miscible

**SPECIFIC GRAVITY:** 1.22 mg/L

## **10. STABILITY AND REACTIVITY**

**REACTIVITY:** Yes

**HAZARDOUS POLYMERIZATION:** Hazardous polymerization does not occur.

**STABILITY:** Material is stable under normal conditions.

**CONDITIONS TO AVOID:** Contact with incompatible materials. Avoid ultraviolet (UV) light sources. Excessive heat. Reacts violently with strong acids. Acid contact will produce chlorine gas. Amine contact will produce chloramines.

**POSSIBILITY OF HAZARDOUS REACTIONS:** Contact with acids releases chlorine gas.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Contact with acids releases chlorine gas; burning can produce HCl.

**INCOMPATIBLE MATERIALS:** Avoid contact with ammonia, acids, amines, ethers, cyanides, chlorinated isocyanurates and reducing agents.

## 11. TOXICOLOGICAL INFORMATION

### ACUTE

**DERMAL LD<sub>50</sub>:** > 2 g/kg

**Notes:** Rabbit

**ORAL LD<sub>50</sub>:** 3-5 g/kg

**Notes:** Rat

**EYE EFFECTS:** Causes serious eye damage.

**SKIN EFFECTS:** Causes severe skins burns.

**CHRONIC:** Prolonged or repeated overexposure causes lung damage.

### CARCINOGENICITY

**IARC:** Category 3

**Notes:** None known.

**IRRITATION:** No data available.

**CORROSIVITY:** Corrosive to skin and eyes.

**REPRODUCTIVE EFFECTS:** No data available

**TARGET ORGANS:** May cause respiratory irritation.

**MUTAGENICITY:** No data available.

## 12. ECOLOGICAL INFORMATION

**ENVIRONMENTAL DATA:** No data available.

**ECOTOXICOLOGICAL INFORMATION:** No data available.

**BIOACCUMULATION/ACCUMULATION:** No data available.

**AQUATIC TOXICITY (ACUTE):** Fish

**96-HOUR LC<sub>50</sub>:** 2.9 mg/L

**Notes:** Bluegill

## 13. DISPOSAL CONSIDERATIONS

**DISPOSAL METHOD:** Collect and reclaim or dispose in sealed containers at licensed waste disposal site. This material must be disposed of as a hazardous waste. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose of contents/container in accordance with local/regional/national/international regulations.

**EMPTY CONTAINER:** Since emptied container may retain product residue, follow label warnings even after container is emptied. Empty container should be taken to an approved waste handling site for recycling or disposal.

## 14. TRANSPORT INFORMATION

**DOT (DEPARTMENT OF TRANSPORTATION)**

**PROPER SHIPPING NAME:** Sodium Hypochlorite Solution

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

**UN/NA NUMBER:** UN 1791

**PACKING GROUP:** III

## 15. REGULATORY INFORMATION

### UNITED STATES

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

Chemical Name	Wt. %	CERCLA RQ
Sodium Hydroxide	1 - 5	1,000

#### TSCA (TOXIC SUBSTANCE CONTROL ACT)

Chemical Name	CAS
Sodium Hypochlorite	7681-52-9
Sodium Hydroxide	1310-73-2
Sodium Chloride	7647-14-5

## 16. OTHER INFORMATION

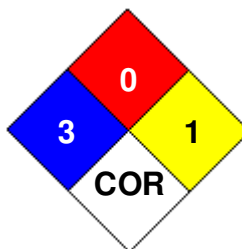
**PREPARED BY:** Wayne Chemical, Inc.    **Date Revised:** 09/28/2016

**REVISION SUMMARY:** This SDS replaces the 07/10/2014 SDS.

### HMIS RATING

HEALTH	3
FLAMMABILITY	0
PHYSICAL HAZARD	1
PERSONAL PROTECTION	B

### NFPA CODES



**HMIS RATINGS NOTES:** Use respirator if ventilation is inadequate.

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