Safety Data Sheet

WC-652 CLEANER

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: WC-652 CLEANER
PRODUCT DESCRIPTION: CLEANER

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

2. HAZARDS IDENTIFICATION

GHS CLASSIFICATIONS

Health:

Eye Corrosion
Acute Toxicity (Oral)
Respiratory Tract Irritation
Skin Corrosion

Physical:

Contact with acids can release chlorine gas

GHS LABEL


Skull and crossbones


Corrosion


Health hazard

SIGNAL WORD: DANGER

HAZARD STATEMENTS

H301: Toxic if swallowed.
H314: Causes severe skin burns and eye damage.
H331: Toxic if inhaled.

PRECAUTIONARY STATEMENTS

Prevention:

P102: Keep out of reach of children.
P235: Keep cool.
P260: Do not breathe dust/fume/gas/mist/vapours/spray.

P264: Wash thoroughly after handling.
P281: Use personal protective equipment as required.

Response:

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.
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.
P304+P341: IF INHALED: If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing.
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minuts. Remove contact lenses, if present and easy to do. Continue rinsing.
P306: IF ON CLOTHING: Remove contaminated clothing and footwear and wash before reuse.
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+P235: Store in a well-ventilated place. Keep cool.
P404: Store in a closed container.

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: Can damage the upper resiratory 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
Sodium Hypochlorite	< 5	7681-52-9
Potassium Hydroxide	< 20	1310-58-3
Proprietary sequestering agent	< 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: Causes serious eye damage.

SKIN: Corrosive to the skin.

INGESTION: Acute oral toxicity. Will cause severe chemical burns to the mouth, throat and digestive tract.

INHALATION: Can damage upper respiratory tract.

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).

EXPLOSION HAZARDS: None Expected.

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: Heating to decomposition may produce hydrogen chloride and chlorine. Contact with acid can release chlorine gas.

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: Wear protective clothing. Contain large spills and pump into marked plastic drums for disposal or reclamation. Flush residue to sewer with copious amounts of water. Notify authorities if spill can produce adverse off-site effects.

7. HANDLING AND STORAGE

HANDLING: Avoid contact with skin and eyes. Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toliet facilities. Wash thoroughly after work using soap and water.

STORAGE: Store in a cool dry area.

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/m³	ppm	mg/m³	ppm	mg/m³
Potassium Hydroxide	TWA	[1]	2.0 [1]	[1]	2.0 [1]	NL	NL
	STEL					NL	NL

Footnotes:
1. Ceiling

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 ehaust 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: Slight chlorine odor

APPEARANCE: Clear Liquid

COLOR: Blue

pH: ~ 12.3

Notes: pH of a 1% solution

PERCENT VOLATILE: NA = Not Applicable

FLASH POINT AND METHOD: > (212°F)

VAPOR PRESSURE: NA = Not Applicable

VAPOR DENSITY: NA = Not Applicable

SOLUBILITY IN WATER: Completely Miscible

EVAPORATION RATE: NA = Not Applicable

SPECIFIC GRAVITY: 1.25

10. STABILITY AND REACTIVITY

STABLE: Yes

HAZARDOUS POLYMERIZATION: No

STABILITY: Generally stable, but slow reduction of hypochlorites will occur.

POLYMERIZATION: None known.

CONDITIONS TO AVOID: High temperatures, exposure to light, and low pH

HAZARDOUS DECOMPOSITION PRODUCTS: Heating to decomposition may produce hydrogen chloride and chlorine. Contact with acid can release chlorine gas.

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

11. TOXICOLOGICAL INFORMATION

EYE EFFECTS: Causes serious eye damage.

SKIN EFFECTS: Causes severe skins burns.

12. ECOLOGICAL INFORMATION

ENVIRONMENTAL DATA: No data available.

ECOTOXICOLOGICAL INFORMATION: No data available.

BIOACCUMULATION/ACCUMULATION: No data available.

13. DISPOSAL CONSIDERATIONS

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

FOR LARGE SPILLS: Wear protective clothing. Dike large spills and pump into marked plastic drums for disposal or reclamation. Neutralize residue with soda ash. Flush residue to sewer with copious amounts of water. Notify authorities if spill can produce adverse off-site effects.

14. TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)

PROPER SHIPPING NAME: Potassium Hydroxide, Solution

PRIMARY HAZARD CLASS/DIVISION: 8 (Corrosive)

UN/NA NUMBER: UN 1814

PACKING GROUP: II

REPORTABLE QUANTITY (RQ) UNDER CERCLA: 100 Pounds

15. REGULATORY INFORMATION

UNITED STATES

CERCLA (COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND

LIABILITY ACT)

Chemical Name	Wt.%	CERCLA RQ
Potassium Hydroxide	< 20	1,000

TSCA (TOXIC SUBSTANCE CONTROL ACT)

Chemical Name	CAS
Sodium Hypochlorite	7681-52-9
Potassium Hydroxide	1310-58-3

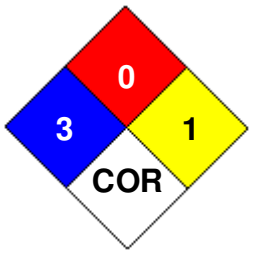
16. OTHER INFORMATION

PREPARED BY: Wayne Chemical, Inc.

HMIS RATING

HEALTH	3
FLAMMABILITY	0
PHYSICAL HAZARD	1
PERSONAL PROTECTION	B

NFPA CODES



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