

SAFETY DATA SHEET



Date Prepared : 10/17/2012
 MSDS No : ZZ9-145
 Date Revised : 05/26/2015
 Revision No : 1

Sodium Hypochlorite 12.5%

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Sodium Hypochlorite 12.5%
GENERAL USE: Disinfectant
PRODUCT CODE: ZZ9-145

MANUFACTURER

Detco Industries, Inc.
 PO Box 430
 Conway, AR 72033

Product Stewardship: (800) 282-2133

EPA REG. NO.: 148-1288-58111 **PN:** 0148-TN-001

24 HR. EMERGENCY TELEPHONE NUMBERS

CHEMTREC (US Transportation) :(800) 424 - 9300

2. HAZARDS IDENTIFICATION

GHS CLASSIFICATIONS

Health:

Skin Corrosion, Category 1B
 Eye Corrosion, Category 1
 Target Organ Toxicity (Single exposure), Category 3

Environmental:

Acute Hazards to the Aquatic Environment, Category 1

Physical:

Corrosive to Metals, Category 1

GHS LABEL



Corrosion



Exclamation
 mark



Environment

SIGNAL WORD: DANGER

HAZARD STATEMENTS

H290: May be corrosive to metals.
 H314: Causes severe skin burns and eye damage.
 H335: May cause respiratory irritation.
 H400: Very toxic to aquatic life.

PRECAUTIONARY STATEMENT(S)

Prevention:

P234: Keep only in original container.
 P260: Do not breathe dust/fume/gas/mist/vapours/spray.
 P264: Wash hands thoroughly after handling.
 P280: Wear protective gloves/protective clothing/eye protection/face protection.
 P271: Use only outdoors or in a well-ventilated area.

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P273: Avoid release to the environment.

Response:

P390: Absorb spillage to prevent material damage.

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

P303+P361+P353: IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.

P363: Wash contaminated clothing before reuse.

P304+P340: IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing.

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

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P391: Collect spillage.

Storage:

P405: Store locked up.

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

Disposal:

P501: Dispose of contents/container in accordance with federal, state and local regulations.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt. %	CAS
Water	to 100%	7732-18-5
Sodium Hypochlorite	12.5	7681-52-9
Sodium Hydroxide	3	1310-73-2

4. FIRST AID MEASURES

EYES: Flush eyes with water for at least 15 minutes. If pain and/or irritation persists, get medical attention.

SKIN: Flush affected area with water for 15 minutes. Remove contaminated clothing. If pain and/or irritation persists, get medical attention. Launder clothes before reusing.

INGESTION: Do not induce vomiting. Give 2 glasses of water. Get immediate medical attention.

INHALATION: Remove to fresh air. If not breathing, give artificial respiration or give oxygen by trained personnel. Seek immediate medical attention.

5. FIRE FIGHTING MEASURES

GENERAL HAZARD: None.

EXTINGUISHING MEDIA: Carbon dioxide, water, foam or dry chemical.

FIRE FIGHTING PROCEDURES: As in any fire, wear self-contained breathing apparatus pressure-demand, (MSHA/NIOSH approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILL: Contain spill. Neutralize with a dilute acid solution. Absorb liquid and place in sealed container for disposal.

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7. HANDLING AND STORAGE

STORAGE: Store in a tightly closed container.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE GUIDELINES

OSHA HAZARDOUS COMPONENTS (29 CFR1910.1200)

Chemical Name		EXPOSURE LIMITS			
		OSHA PEL		Supplier OEL	
		ppm	mg/m ³	ppm	mg/m ³
Sodium Hydroxide	TWA	[1]	2 [1]	NL	NL
	STEL	[2]	[2]	NL	NL

Footnotes:

1. NL = Not Listed

2. C = Ceiling

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: Wear safety glasses with side shields (or goggles).

SKIN: Wear rubber or nitrile gloves.

RESPIRATORY: None.

PROTECTIVE CLOTHING: Synthetic apron.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Liquid

ODOR: Chlorine

COLOR: Colorless

pH: > 12

FLASHPOINT AND METHOD: Not Flammable

FLAMMABLE LIMITS: N/D to N/D

VAPOR PRESSURE: Not Determined

VAPOR DENSITY: Not Determined

BOILING POINT: Not Determined

FREEZING POINT: Not Determined

SOLUBILITY IN WATER: Soluble

EVAPORATION RATE: Not Determined

SPECIFIC GRAVITY: 1.2 to 1.24

(VOC): < 0.100 %

COEFF. OIL/WATER: Not Determined

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10. STABILITY AND REACTIVITY

HAZARDOUS POLYMERIZATION: Will not occur.

STABILITY: Stable.

CONDITIONS TO AVOID: None known.

POSSIBILITY OF HAZARDOUS REACTIONS: None known.

HAZARDOUS DECOMPOSITION PRODUCTS: Chlorine, Oxygen

INCOMPATIBLE MATERIALS: Strong acids, organic materials.

11. TOXICOLOGICAL INFORMATION

CARCINOGENICITY

Notes: None known.

12. ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION: Not available.

13. DISPOSAL CONSIDERATIONS

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

14. TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)

PROPER SHIPPING NAME: Hypochlorite Solutions

PRIMARY HAZARD CLASS/DIVISION: 8

UN/NA NUMBER: 1791

PACKING GROUP: III

15. REGULATORY INFORMATION

UNITED STATES

DOT LABEL SYMBOL AND HAZARD CLASSIFICATION



Corrosive

CERCLA (COMPREHENSIVE RESPONSE, COMPENSATION, AND LIABILITY ACT)

Chemical Name	Wt. %	CERCLA RQ
Sodium Hydroxide	3	1,000 lbs.

16. OTHER INFORMATION

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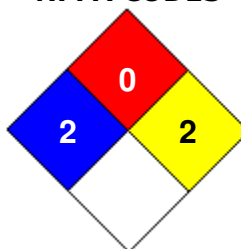
PREPARED BY: E. Spicer **Date Revised:** 05/26/2015

REVISION SUMMARY: This MSDS replaces the 10/17/2012 MSDS. Revised: **Section 2:** POTENTIAL HEALTH EFFECTS (SKIN, INHALATION, INGESTION). **Section 9:** BOILING POINT, COEFF. OIL/WATER, EVAPORATION RATE, FLASHPOINT AND METHOD, FREEZING POINT, VAPOR DENSITY, VAPOR PRESSURE, (VOC). **Section 10:** CONDITIONS TO AVOID, HAZARDOUS DECOMPOSITION PRODUCTS, POSSIBILITY OF HAZARDOUS REACTIONS. **Section 16:** MANUFACTURER DISCLAIMER.

HMIS RATING

HEALTH	<input type="checkbox"/>	2
FLAMMABILITY		0
PHYSICAL HAZARD		2
PERSONAL PROTECTION		C

NFPA CODES



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