

SAFETY DATA SHEET

SECTION 1: IDENTIFICATION

COMPANY NAME:	AMERICAN INDUSTRIES, INC.	PRODUCT NAME:	CX3
ADDRESS LINE 1:	4300 Kahn Drive, Box 1405	PRODUCT CODE:	2452
ADDRESS LINE 2:	Lumberton, NC 28359-1405 USA	PRODUCT USE:	Concentrated Condenser Coil Cleaner
TELEPHONE NUMBERS:	800-753-5153 (or) 910-738-7224	SDS FILE ID:	2452.02
EMERGENCY PHONE:	CHEMTREC 1-800-424-9300	SDS DATE:	2026-03-17
		REPLACES VERSION DATED 03-17-2016 and all prior versions	

SECTION 2: HAZARDS IDENTIFICATION

Classification	Skin Corrosive	Category 1
	Eye Damage	Category 1
	Corrosive to Metals	

Label elements



Signal word	Danger
Hazard statement	Causes Severe skin burns and eye damage. May be corrosive to metals. This product contains the following percentage of chemicals of unknown toxicity: 0%
Precautionary statement	Do not breathe mists. Wash hands thoroughly after handling. Wear protective gloves and eye protection. If swallowed: Rinse mouth. Do NOT induce vomiting. If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower. Wash contaminated clothing before reuse. If inhaled: Remove person to fresh air and keep comfortable for breathing. Immediately call a poison center or doctor. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Store locked up. Dispose of contents and container in accordance with local, state, and national regulations. Keep only in original container. Absorb spillage to prevent material damage. Store in a corrosive resistant container with a resistant inner liner.
Hazard(s) not otherwise classified (HNOC)	N/A

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

<u>Chemical name</u>	<u>CAS number</u>	<u>%</u>
Sodium Hydroxide	1310-73-2	10-30

SECTION 4: FIRST AID MEASURES

Inhalation	If inhaled: Remove person to fresh air and keep comfortable for breathing.
Skin contact	If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.
Eye contact	Immediately flush with water for 15 - 20 minutes while holding eyelids open. Seek medical attention if irritation persists.
Ingestion	If swallowed: Rinse mouth. Do NOT induce vomiting. Get medical advice or attention.
Acute health hazards	Causes severe burns.
Chronic health hazards	Skin disorders, drying and irritation of the skin.
Note to physician	The absence of visible signs or symptoms of burns does not reliably exclude the presence of actual tissue damage.

SECTION 5: FIRE-FIGHTING MEASURES

Suitable extinguishing media	Use appropriate media for surrounding fire.
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Unsuitable extinguishing media	N/A
Special firefighting procedures	Wear NIOSH approved Self Contained Breathing Apparatus with a full face piece operated in a positive pressure demand mode with full body protective clothing when fighting fires.
Unusual fire and explosion hazards	Non-combustible. Water spray may be used to keep fire exposed containers cool.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal protective equipment	Refer to section VIII for proper Personal Protective Equipment.
Spill	Absorb with non-combustible material like vermiculite, sand or earth and rinse with small amount of soapy water. Do not allow to drain into sewers or storm drains. Dispose in accordance with local, state and federal regulations.
Waste disposal	Dispose of in accordance with federal, state, and local regulations. Do not reuse container and recycle or place in trash collection. Drums and pails should be offered for recycling.
RCRA Status	Waste likely considered Hazardous Waste D002 (Corrosive waste) due to the pH of the solution and the corrosive characteristic.

SECTION 7: HANDLING AND STORAGE

Precautions for safe handling	Store in a cool, dry area away from extremes of temperature. Keep container tightly sealed when not in use. Keep out of the reach of children. Follow label directions exactly. Avoid contact with eyes and skin. Use appropriate Personal Protective Equipment (PPE).
Incompatibility	Strong acids.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

<u>Hazardous Component</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
Sodium Hydroxide	2mg/m ³	2mg/m ³
Engineering controls/Ventilation	Provide adequate ventilation to keep vapor concentration below TLV.	
Respiratory protection	Wear NIOSH/MSHA approved respiratory protection if exposure limits are exceeded.	
Personal protective equipment	Safety glasses, gloves and synthetic apron.	
Additional Measures	Wash contaminated clothing before reuse. Wash hands thoroughly after handling.	

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Yellow liquid	
Odor	Characteristic Odor.	
Odor threshold	N/D	
Boiling point	N/D	
Freezing Point	<32°F (0°C)	
Flammability	Not considered a flammable liquid by OSHA (29CFR 1910.1200)	
Flash point	N/D	
Auto-ignition temperature	N/D	
Upper/lower flammability limits	Lower: N/D	Upper: N/D
Vapor Pressure (mmHg)	N/D	
Vapor density (Air = 1)	N/D	
Evaporation Rate	<0.8 (Slow)	
pH	>13	
Solids (%)	N/D	
Solubility in Water	100%	
Partition Coefficient:n-Octanol/water (K _{ow})	N/D	
Relative Density (H ₂ O = 1)	1.20 – 1.30	
VOC	0%	
Dielectric Strength (Volts)	N/A	
Decomposition Temperature	N/D	

Viscosity N/D

SECTION 10: STABILITY AND REACTIVITY

Reactivity	Chemically active metals and acids.
Chemical stability	Stable.
Conditions to avoid	Chlorine liberating material. Do not mix with bases, ammonia or other cleaning compounds.
Incompatibility	Strong acids.
Hazardous decomposition products	Oxides of Carbon
Possible hazardous reactions	None known.

SECTION 11: TOXICOLOGICAL INFORMATION

Toxicological information	Sodium Hydroxide (1310-73-2): Skin Corrosion/Irritation: Category 1; Eye Damage/Irritation: Category 1
Routes of Entry	Eyes, Ingestion, Inhalation, Skin.
Ingestion	Causes gastrointestinal irritation, nausea, vomiting, abdominal cramps.
Inhalation	Causes irritation to the respiratory tract, coughing, shortness of breath.
Skin contact	Causes burns to all living tissue.
Eye contact	Causes severe burns, stinging, redness, tearing, swelling, and may cause corneal damage, blindness. Burning may not be immediately painful or visible.
Medical condition aggravated	Pre-existing disorders of the skin, respiratory system, and eyes will be aggravated by overexposure.
Acute health hazards	Causes severe burns.
Chronic health hazards	Skin disorders, drying and irritation of the skin.
Carcinogenicity	This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.

SECTION 12: ECOLOGICAL INFORMATION

Ecological information	Sodium Hydroxide (1310-73-2) LC50 (Bluegill Sunfish, 48hr) 99 mg/L; (Mosquito Fish 96hr) 125 mg/L; (Brown Shrimp, 48hr) 30-100 mg/L; (Brook Trout, 24hr) 25 ppm
Biodegradability	This product is biodegradable.
Bioaccumulation	This product is not expected to bioaccumulate.
Mobility in soil	This product is mobile in soil.
Other ecological hazards	None known.

SECTION 13: DISPOSAL CONSIDERATIONS

Waste disposal	Dispose of in accordance with federal, state, and local regulations. Do not reuse container and recycle or place in trash collection. Drums and pails should be offered for recycling.
RCRA Status	Waste likely considered Hazardous Waste D002 (Corrosive waste) due to the pH of the solution and the corrosive characteristic.

SECTION 14: TRANSPORT INFORMATION

DOT	Ground Transportation	Limited Quantity
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SECTION 15: REGULATORY INFORMATION

TSCA Status: All chemicals are listed or exempt.

CERCLA (Comprehensive response compensation, and liability act): **Sodium Hydroxide** (1310-73-2) Reportable Quantity = 1,000 lbs

SARA 313 reportable ingredients: None.

SARA 311/312 HAZARD CATEGORIES: None

SARA 313 REPORTABLE INGREDIENTS: None

STATE REGULATIONS: California Proposition 65: None

INTERNATIONAL REGULATIONS: All components are listed or exempted.

VOLATILE ORGANIC COMPOUNDS (VOC): 0%

NFPA HEALTH:	3	HMIS HEALTH:	3
NFPA FLAMMABILITY:	0	HMIS FLAMMABILITY:	0
NFPA REACTIVITY:	1	HMIS REACTIVITY:	1
NFPA OTHER:	None	HMIS PROTECTION:	C

SECTION 16: OTHER INFORMATION

Important Note: *To be the best of our knowledge, the information contained herein is accurate. However there is no assumption of liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist. Since the conditions of handling, storage and disposal of this product are beyond the control of the manufacturer/supplier, the manufacturer/supplier will not be responsible for loss, injury, or expense arising out of the products improper use. Various government agencies may have specific regulations regarding the transportation, handling, storage, use, or disposal of this product which may not be covered by this SDS. The user is responsible for full compliance.*

End of SDS