SAFETY DATA SHEET

AMERICAN INDUSTRIES, INC.
WWW.AMERICANINDUSTRIES.COM

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:**	2452.01
EMERGENCY PHONE:	**CHEMTREC 1-800-424-9300**	**SDS DATE:**	2016-03-17

SECTION 2: HAZARDS IDENTIFICATION

Classification	Skin Corrosive	Category 1B
	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: 3%
Precautionary statement	Do not breathe mists. Wash hands/gloves thoroughly after handling. Wear protective gloves, eye protection, protective clothing. If swallowed: rinse mouth, do NOT induce vomiting. If on skin (or hair): take off immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse. If inhaled: remove person to fresh air and keep comfortable for breathing. Immediately call a poison control center. 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 and national guidelines. Keep only in original container. Absorb spillage to prevent material damage. Store in a corrosive resistant container.
Hazard(s) not otherwise classified (HNOC)	N/A

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Chemical name	CAS number	%
Sodium Hydroxide	1310-73-2	10-30
Sodium Gluconate	527-07-1	1-5

SECTION 4: FIRST AID MEASURES

Inhalation	Remove person to fresh air and keep comfortable for breathing.
Skin contact	Take off immediately all contaminated clothing. Rinse skin with water or shower.
Eye contact	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice or attention.
Ingestion	Rinse mouth. Do NOT induce vomiting. Get medical 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.
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	Product should be fully characterized prior to disposal (40 CFR 261).

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. Store locked up.
Incompatibility	Strong acids.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Hazardous Component	OSHA PEL	ACGIH TLV
Sodium Hydroxide	2mg/m3	2mg/m3
Sodium Gluconate	Not established	Not Established

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^{o}F (0^{o}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)	23.8 mmHg @ 77^{o}F (25^{o}C)	
Vapor density (Air = 1)	1	
Evaporation Rate	<0.8 (Slow)	
Specific Gravity (H20=1)	1.26	
pH	>13	
Solids (%)	N/D	
Solubility in Water	100%	

Partition Coefficient:n-Octanol/water (K_{ow})	N/D
Volatility including water (%)	76%
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	Will not occur.

SECTION 11: TOXICOLOGICAL INFORMATION

Toxicological information	Sodium Hydroxide (1310-73-2) LD_{50} (Oral, Rabbit) 400 mg/kg; Potassium Hydroxide (7732-18-5) LD_{50} (Dermal, Rabbit) >2g/kg, LD_{50} (Oral, Rabbit) 500-700 mg/kg
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) LC_{50} (Bluegill Sunfish, 48hr) 99 mg/L; (Mosquito Fish 96hr) 125 mg/L; (Brown Shrimp, 48hr) 30-100 mg/L; (Brook Trout, 24hr) 25 ppm **Potassium Hydroxide** (1310-58-3) LC_{50} (Mosquito Fish, 24hr) 80 mg/L
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	Product should be fully characterized prior to disposal (40 CFR 261).

SECTION 14: TRANSPORT INFORMATION

DOT Ground Transportation Limited Quantity

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.

US state regulations: California Proposition 65: None.

International regulations: All components are listed or exempted.

SECTION 16: OTHER INFORMATION

Hazardous Materials Identification System (HMIS)

HMIS® RATING:	
HEALTH	3
FLAMMABILITY	0
PHYSICAL HAZARD	1

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