

Preparation date	6/29/2020	1. IDENTIFICATION		Revision: 1.1
Product Name	Coil De-Scale / Scale-Away			Part No QCC-454
Recommended Use	Boiler & Cooling - A/C			
Company / Supplier	Quality Chemical Company, 1835 N.E. 144th Street, North Miami, FL 33181			
	Telephone: (305) 944-2837, (888) 355-5540, Fax: (305) 944-6857			
Emergency telephone number	Domestic: 1-800-535-5053 International Toll Free: 1-352-323-3500			

2. HAZARD(S) IDENTIFICATION

GHS Classification	Physical Hazards	N/A
	Health Hazards	N/A

GHS Label Elements

Pictogram(s)

NOT APPLICABLE

Signal word	DANGER
Hazard(s) Statement(s)	H302 Harmful if swallowed H315 Causes skin irritation H318 Causes serious eye damage H319 Causes serious eye irritation

Precautionary Statement(s)	P102 Keep out of reach of children. P103 Read label before use. P261 Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray. P264 Wash skin thoroughly after handling. P280 Wear protective gloves/ eye protection/ face protection.
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Hazards not otherwise classified (HNOC) or not covered by GHS None known

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Common name and synonyms	CAS Number	%
Hydrochloric Acid (Muriatic Acid 20 deg)		7647-01-0	Trade Secret

Meets all the requirements for the Limited Quantity Shipping Exception

Coil De-Scale / Scale-Away

4. FIRST-AID MEASURES

Description of First-Aid measure

General advice	Move out of dangerous area. Rapid action is critical to minimize possible health injury. Consult a Physician. Show this Safety Data Sheet to the doctor in attendance.
Eye Contact	Immediately flush eyes with water for 15 minutes while holding eyelids open. Seek medical attention in the event of adverse reaction or if symptoms worsen.
Skin Contact	In case of irritation, wash affected area with soap and water. Seek medical attention in the event of adverse reaction or if symptoms worsen.
Ingestion	Rinse mouth with water. Immediately after ingestion: give lots of water to drink. Do not give milk/oil to drink. Do not induce vomiting. Give activated charcoal. Call Poison Information Center. Consult a doctor/medical service if you feel unwell. Ingestio

Inhalation

5. FIRE-FIGHTING MEASURES

N/A. Product is non-flammable.

6. ACCIDENTAL RELEASE MEASURES

Dike and contain. Absorb spillage with an absorbent material (sand, earth absorbent pillows). Avoid runoff to drains; clean areas as soon as possible. Dispose of waste according to local, state and federal regulations.

7. HANDLING AND STORAGE

Precautions for safe handling:

Do not store in unmarked containers.

Use adequate personal protection equipment when transferring to other containers.

Use reasonable care handling containers/packages.

Conditions for safe storage, including any incompatibilities:

Keep containers tightly closed in a dry and well-ventilated area.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Component Exposure Limit: No data available.

Engineering Controls

Local ventilation: Not needed.

General ventilation: Recommended.

Personal Protective Equipment for Routine Handling

Eyes	Use chemical splash goggles. For continued or severe exposure, wear a face shield over the goggles
Skin	Gloves recommended
Inhalation	NOISH/MSHA approved respiratory protection should be worn. Positiv-pressure supplied respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.
Ventilation	Use in well ventilated area. Mechanical ventilation may be necessary.

Coil De-Scale / Scale-Away

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical Form:	Liquid	Volatile Content	Not determined
Color	Clear	Auto-ignition temperature	N/A
Odor		Evaporation rate	Not determined
Specific Gravity @ 25 C	1.120	Vapor pressure	Not determined
Viscosity	Not Determined	Decomposition temperature	Not determined
Freezing/Melting Point	Not Determined	Vapor density	Not determined
pH	0.7 - 0.9	Solubility in water	Complete
Flammable	NO	Flash Point:	Not Determined
Boiling Point:	Not Determined	Shelf Life:	1 year - depending upon Storage Conditions

10. STABILITY AND REACTIVITY

Chemical stability: Stable
 Hazardous polymerization: Will not occur
 Condition to avoid: None
 Materials to avoid: None
 Hazardous decomposition products: Not Determined

11. TOXICOLOGICAL INFORMATION

Routes of Exposure: Eyes, skin, inhalation, ingestion.
 Special Remarks on Toxicity to Animals: not determined.
 Special Remarks on Chronic Effects on Humans: Not determined.
 Mutagenetic Effects: Not determined.
 Numerical measures of toxicity: Not determined.

Eyes	Serious eye damage/irritation. Burns and irreversible corneal damage.
Skin	Causes serious burns. Protective gloves and clothing required.
Ingestion	May cause burns to the gastrointestinal tract, nausea, vomiting, diarrhea, stomach ulceration or bleeding
Inhalation	Repeated inhalation can produce varying degree of respiratory irritation or lung damage, including burns to respiratory tract.
Chronic Effects	No chronic health effects.
Carcinogenicity	Not expected to be carcinogenic

12. ECOLOGICAL INFORMATION

Ecotoxicity: No data available.
 Products of Biodegradation
 Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.

Coil De-Scale / Scale-Away

13. DISPOSAL CONSIDERATIONS

Do not reuse containers.

Waste Disposal: Waste must be disposed of in accordance with federal, state and local environmental control regulations.

14. TRANSPORT INFORMATION

DOT UN 1789, Hydrochloric Acid Solution, 8, PG II, Corrosive

IATA (air) UN 1789, Hydrochloric Acid Solution, 8, PG II, Corrosive

IMO/IMDG (vessel) UN 1789, Hydrochloric Acid Solution, 8, PG II, Corrosive

Environmental Hazards: No data available.

Special Precautions: No data available.

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15. REGULATORY INFORMATION

Contents of this SDS comply with the OSHA Hazards Communication Standard 29 CFR 1910.1200.

TSCA Status: All chemical substances in this product are included on or exempted from listing on the TSCA Inventory of Chemical Substances.

EPA SARA Title III Chemical Listings

Section 302 Extremely Hazardous Substances: None

Section 404 CERCLA Hazardous Substances: None

Section 311/312 Hazard Class:

Acute: No.

Chronic: No.

Fire: No.

Pressure: No.

Reactive: No.

Section 313 Toxic Chemicals: None present or none present in regulated quantities.

Supplemental state Compliance Information: California

This product contains no chemicals listed by the State of California under the Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65) as being known to cause cancer, birth defects or other reproductive harm.

16. OTHER INFORMATION

The above information is believed to be correct to the best of our knowledge but does not purport to be all inclusive and shall be used only as a guide. Users should make their own investigations to determine the suitability of the information for their particular purposes.

The information in this document is applicable to the product with regard only to appropriate safety precautions.

This document does not represent any guarantee of the properties of the product.

The Company shall not be held liable for any damage resulting from handling or from contact with the above product. The buyer assumes all responsibility for handling, using, suitability for any particular purpose or reselling the product in accordance with the applicable local, state and federal law.