

# TRIDENT EXP SCALE REMOVER

## Cleaner & Descaler

**Form:** Liquid  
**Color:** Light Green  
**Odor:** Characteristic acid  
**pH:** 1.00  
**Solubility (in water):** Soluble  
**(in mineral spirits):** Insoluble  
**VOC Content (% by weight):** <1.00  
**Flash Point (ASTM D-7821):** N/A  
**Specific Gravity:** 1.05 g/cm<sup>3</sup>  
**Density:** 8.76 lbs/gal  
**Storage Stability (at 70°F):** 1 year

<u>Ingredients</u>	<u>C.A.S. #</u>
Water .....	7732-18-5
Hydrochloric Acid .....	7647-01-0
Ethoxylated Amine Resin .....	61790-85-0
Green Dye .....	Proprietary
Fluorescein .....	2321-07-5

### Dissolves & Removes...

- **Rust**
- **Lime**
- **Scale**
- **Corrosion**
- **Scum**
- **Mineral Deposits**

### Use For...

- **Cooling Towers**
- **Boilers**
- **Chillers**
- **Condensers**
- **Heat Exchangers**

**DIRECTIONS:** Start with an initial dosage of 10 – 20% TRIDENT EXP SCALE REMOVER solution by estimating the total gallons of water in the system.

**Cooling Towers and Chillers:** Drain system, manually clean and leave open to air. Add the correct amount of TRIDENT EXP SCALE REMOVER to drop the pH between 3 – 1.5. Circulate this diluted TRIDENT EXP SCALE REMOVER by pumping through system. Maintain the pH test at a pH of 3 – 1.5 for 4 – 6 hours. Following the cleaning process, drain and flush the system to the pH of the makeup water. Refill with water, adding TRIDENT WATER TREATMENT products to guard system against scale and corrosion. Do not drain system to any surface that may be attacked by acid.

**Other systems:** Do not heat above 160°F.

**Condensers and Heat Exchangers:** Use 1 part concentrate to 5 to 10 parts of water. Circulate solution through system for approximately 4 hours.

**Boilers:** Use 1 part to 5 - 10 parts water, depending upon scale and speed required to perform the job.

HMIS			NFPA		
	Severe	4	Extreme		
Health .....	Serious	3	High	Health.....	2
Flammability.....	Moderate	2	Moderate	Flammability.....	0
Reactivity.....	Slight	1	Slight	Reactivity.....	1
Personal Protection.....	Minimal	0	Insignificant	Special Precautions .....	None