



Material Safety Data Sheet

Emergency Telephone Number
800-537-1945

Section 1: Product Identification

Trade Name: CSK-81; Cool Soak Kleener

Manufacturer:

Instrument Specialists Inc.
32390 IH-10 West
Boerne, TX 78006

Basic Hazard Information	
Hazard Level	Hazard Index
Health: 2	4-Severe 3-Serious
Fire: 0	2-Moderate 1-Slight
Reactivity: 0	0-Minimal

Section 2: Active Ingredients

Ingredients	CAS Number	Percent	TLV
Food-grade phosphoric acid	7664-38-2	5-30%	Mild Irritant
Surfactant	64-17-5	10-30%	

Section 3: Physical Properties

Boiling Point: 213 degrees F.	Appearance: Light pink liquid
Percent volatile (volume): 1%	Odor: Citrus
Vapor Pressure: 20 degrees C-18	Specific gravity: 1.1805
Vapor Density: N/A	Solubility in water: 100%
Evaporation Rate: unknown	pH: 1.90 concentrated 2.0 when diluted

Section 4: Fire and Explosion Hazard Data

Flash Point: Not flammable	Flammable limits (by volume): N/A
Extinguishing Media: carbon dioxide, CO2 foam, dry chemicals	
Special Fire Fighting procedures: Use NIOSH approved respirators and protective clothing.	
Unusual fire and explosion hazards: None known to Instrument Specialists Inc.	

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Section 5: Health Hazard Data

Exposure	Effects of Exposure	Emergency and First Aid Steps
Skin contact	Minor irritation following direct contact with skin.	Wash with soap and water. Seek medical attention if needed.
Eye Contact	Mild irritation following contact with eye.	Flush with water for 15 minutes. Seek medical attention if needed.
Vapor Inhalation	Not known to occur.	Remove to fresh air.
Ingestion	Minimal	Ingest water or milk.

Section 6: Reactivity Data

Stability: Stable

Hazard Polymerization: N/A

Conditions to avoid: N/A

Materials to avoid: For use ONLY on stainless steel.

Hazardous decomposition products: N/A

Section 7: Spill or Leak Procedures

Steps to be taken if material is released or spilled: Wash floor or area with water. Mop dry or allow to air dry.

Waste disposal method: Flush with large quantities of water into sewage disposal.

Section 8: Special Protective Equipment

Skin: Gloves recommended.

Ventilation: General

Eyes: None required.

mechanical ventilation.

Nose/Mouth: None required.

Other: N/A

Section 9: Special Precautions

Precautions to be taken in handling and storage:

Store in well-ventilated area at temperatures between 40-90 degrees. Keep from freezing.

Other Precautions: None

Section 10: Ecological Information

Biodegradability: This product is biodegradable.

Section 11: Regulatory Information

Not subject to Hazard symbol.

ISI Medical & OR Products

ISI Medical Equipment Service

MSDS CSK-81

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