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(123900)

**Kalsanco**

# Betco Corporation

## Material Safety Data Sheet

(Prepared According To 29 CFR 1910.1200)

Effective Date: 8/24/98

N/A=Not Applicable

### SECTION 1 - PRODUCT IDENTIFICATION

Product Number: 71  
Product Name:  
Generic Name: **KSS Strong Bowl Cleaner**  
Supplier's Name:  
Supplier's Address:

Chemical Family: N/A  
Formula: N/A

NPCA Hazardous Materials Identification System	
Health	3
Flammability	0
Reactivity	0
Maximum Personal Protection	B

### SECTION 2 - INGREDIENTS

CHEMICAL NAME	CAS NO.	WT. %	PEL	TWA-TLV	STEL-TLV	CARCINOGEN
Water	7732-18-5	to 100	N/A	N/A	N/A	No
Hydrochloric Acid	7647-01-0	23.0	C5 ppm	N/A	C5 ppm	No
Nonionic Surfactant	34398-01-1	0 to 5	N/E	N/E	N/E	No
Acrylic Emulsion	N/A	0 to 5				No
Nonionic Surfactant	81788-90-7	0 to 5	N/E	N/E	N/E	No
Nonionic Surfactant	66455-15-0	0 to 5				No
Amphoteric Surfactant	88298-20-4	0 to 5				No
Quaternary Ammonium Chloride	68424-95-3	0.05				No

### SECTION 3 - PHYSICAL DATA

Boiling Range: 210°F Initial  
Vapor Pressure: 30mm Hg @ 88°F  
% Volatile: 95+  
Solubility in Water: 100%  
Physical Description: Thin milky-white liquid with acidic odor.

Specific Gravity: 1.1  
Vapor Density: (Air=1):>1  
pH: <1  
Evaporation Rate: (Water=1):<1

### SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

Concentrate Flash Point (Method): N/A  
Propellant Flash Point (Method): N/A  
Flash Point (Method): None to boiling. (TCC)  
Extinguishing Media: N/A  
Special Fire Fighting Procedures: N/A  
Unusual Fire and Explosion Hazards: N/A

Explosive Limits  
Upper: N/A  
Lower: N/A

### SECTION 5 - REACTIVITY DATA

Stability: Stable.  
Incompatibility (Materials to Avoid): Strong alkalis, most metals, bleach.

Hazardous Polymerization: Will not occur.

Hazardous Decomposition Products: Hydrogen or chlorine gas.

### SECTION 6 - STORAGE AND HANDLING INFORMATION

Precautions to be Taken in Handling and Storage:  
Keep out of reach of children.  
Keep container closed during storage. For institutional and commercial use.

### SECTION 7 - HEALTH HAZARDS AND FIRST AID

Effects of Overexposure:  
Primary Route of Entry:  
Skin: Severe skin irritant. Can cause chemical burns and possible ulceration.  
Eyes: Severe eye irritant. Liquid and mist can cause pain, tearing, possible swelling of the conjunctiva, and corneal destruction. Irreversible eye damage.  
Inhalation: Irritating to mucous membranes of the nose, throat, and lungs. Can cause coughing, choking, headaches, and dizziness.  
Ingestion: May cause severe burning of the mouth, pharynx, and abdomen. May be fatal if swallowed.

First Aid Procedures:  
Skin: Remove contaminated clothing. Wash affected area with plenty of soap and water. Seek medical attention.  
Eyes: Hold eyelids open and flush with steady, gentle stream of water for 15 minutes. Seek medical attention.  
Inhalation: Get to fresh air. If not breathing give artificial respiration preferably mouth to mouth. Seek medical attention.  
Ingestion: Do not induce vomiting. Give large quantities of milk, egg white, gelatin solution or if these are not available give large quantities of water. Call a physician or Poison Control Center immediately.

### SECTION 8 - SPECIAL PROTECTION INFORMATION

Respiratory Protection: Use with adequate ventilation.  
Protective Gloves: Acid proof.  
Other Protective Equipment: N/A

Ventilation: Good general ventilation should be sufficient for most conditions. Local exhaust ventilation may be necessary for some operations.  
Eye Protection: Chemical anti-splash goggles.

### SECTION 9 - SPILL OR LEAK PROCEDURES

Steps to be Taken in Case Material is Released or Spilled:  
Mop up or otherwise absorb and hold for disposal.

Waste Disposal Method:  
Any method in accordance with applicable laws.

**RECEIVED**  
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