MATERIAL SAFETY DATA SHEET

SECTION 1 PRODUCT IDENTIFICATION

QwicClean Brand
1827 Auger Drive
Tucker, Georgia 30084
Emergency Phone: (800) 535-5053
Prepared on 07/22/02 Revised 07/07/2005

PRODUCT NAME: PRO BRC
PRODUCT CODE: 16330

NFPA hazard codes:
0 = Least 3 = High
1 = Slight 4 = Extreme
2 = Moderate

NFPA acute hazard rating:
Health: 3
Flammability: 0
Reactivity: 0

SECTION 2 CHEMICAL COMPOSITION

Note: List all CERCLA hazardous substances at 1% or greater and CARCINOGENS at 0.1% or greater.

INGREDIENT (chemical name)	CAS#	% range	TLV / PEL	TWA	STEL / Ceiling	Skin
Hydrochloric Acid	7647-01-0	<85	5 ppm Air	5 ppm	5 ppm	*
Nonylphenol ethoxylate	9016-45-9	<10	N/A	N/A	N/A	

Note: Hydrochloric Acid is a SARA TITLE III SECTION 313 materials subject to reporting by user within the manufacturing section. Hydrochloric Acid is a SARA TITLE III SECTION 302, reporting for inventories of this product exceeding 800 pounds.
Hydrochloric Acid are SARA TITLE III SECTION 304 materials subject to reporting by user within the manufacturing section.
* OHSA requires skin protection to prevent or reduce exposure to this product.

SECTION 3 EMERGENCY & FIRST AID PROCEDURES

EYE CONTACT: Immediately flush with large amounts of water for at least 15 minutes, lifting upper and lower lids occasionally. Get immediate medical attention. SKIN CONTACT: Immediately flush exposed area with water for 15 minutes; Get immediate medical attention; soak exposed area with an water till medical attention is received. INHALATION: Remove individual to fresh air. Get immediate medical attention. INGESTION: Do not induce vomiting. Dilute by giving milk or water. Get immediate medical attention.

NOTE TO PHYSICIAN: Contains Hydrochloric Acid.

SECTION 4 PHYSIOLOGICAL EFFECTS

PRIMARY ROUTE(S) OF ENTRY INTO BODY: Eyes, Skin contact, Inhalation, Ingestion.

ACUTE EFFECTS: Eyes: Irritation, Painful burns. Skin: Severe burning, irritation. Inhalation: Irritation, burning, coughing. Ingestion: Burning of mucous membranes of mouth, espophagus and stomach, pain, difficulty swallowing, nausea & vomiting.

CHRONIC EFFECTS: Eyes: Prolonged or Permanent Blindness. Skin: Severe burning & scarring. Inhalation: Adema in lungs. Ingestion: Collapse & unconsciousness.

SECTION 5 OCCUPATION CONTROL PROCEDURES

VENTILATION: Local exhaust.
PERSONAL PROTECTION:
Respirator type: None required if concentration is below TLV/PEL. Otherwise use NIOSH approved CCROV or better respirator.
Gloves: Chemical resistant gloves required.
Eye Protection: Chemical splash goggles with face shield.

SECTION 6 PHYSICAL DATA

Appearance/odor: clear / astringent
Physical state: Liquid
Boiling Point: >210º F
Freeze Point: <30º F
Specific Gravity: 1.1
pH concentrate: 0-1.0
1% pH dilution: 0-1.5
Solubility in water: Complete
Vapor pressure: 50 mmHg
Vapor density (air=1): >1
Evaporation rate (water = 1): <1

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SECTION 7 FIRE & EXPLOSION DATA

Flash point: None.
Method: T.C.C.
Flammable (explosive) limits in air: N/A.
Suitable extinguishing media: Water
Hazardous combustion bi-products: hydrogen gases.
Recommended fire fighting procedures: Firefighters should wear waterproof protective clothing and self-contained positive ventilation respiratory protection to prevent exposure to toxic and corrosive fumes and mist.
Unusual fire & explosive hazards: Corrosive hydrochloric acid fumes (hydrogen gas) may be present.

SECTION 8 REACTIVITY DATA

Stability: Stable.
Conditions to avoid: Extreme heat.
Hazardous decomposition products: Heat, chlorine gas and hydrogen chloride fumes.
Hazardous polymerization: Will not occur.
Incompatibility:
Material to avoid: Strong alkalis.
Corrosive action on material: Metals.

SECTION 9 STORAGE & HANDLING PRECAUTIONS

Storage: Store at temperatures below 120º F.
Handling: Wear proper gloves, boots, eye and face protection when handling.
Precautionary labeling: Corrosive.

SECTION 10 ENVIRONMENTAL INFORMATION

Spill or leak procedures:
Small spill/leak: Neutralize with sodium carbonate, sodium bicarbonate or lime. Collect solution in containers for disposal. Do not flush to sewer or discharge to natural waterways as this product may be toxic to aquatic organisms.
Large spill/leak: Neutralize with sodium carbonate or sodium bicarbonate. Collect solution in containers for disposal. Do not flush to sewer or discharge to natural waterways as this product may be toxic to aquatic organisms.
Spill reportable quantity: 5000 pounds or more.
Waste disposal method: Consign to waste facility approved by federal, state, and local regulations. Do not flush to sewer or discharge to natural waterways as this product may be toxic to aquatic organisms.
RCRA or appropriate waste classification: D0002 or nonhazardous if neutralized
Procedures for handling empty containers: Triple rinse.
Environmental toxicity data: Surfactants are biodegradable.
Other regulatory controls:
Is material classified under the CLEAN WATER ACT (USA) or appropriate water regulations as:
Toxic pollutant? No.
Hazardous substance (SECTION 302)? Yes.
If yes, reportable quantity (R.Q.). 5000 pounds.
Is material classified under the CLEAN AIR ACT (USA) or appropriate CLEAN AIR regulations as:
Hazardous air pollutant (SECTION 12)? No.

SECTION 11 PRODUCT IDENTIFICATION

Indicate country/regulatory agency which specifies requirements: USA-DOT/ IMO
Proper shipping name: COMPOUND, CLEANING, LIQUID, n.o.s. (containing Hydrochloric Acid)
Hazard class: 8
Identification number: NA1760
Packing Group: II
Labels required: Product, Corrosive

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PREPARED: 07/22/02 Revised 07/07/2005