



Betco Corp.
1001 Brown Avenue
Toledo, Ohio 43607
419-241-2156

CleanChoice™ Purple Label
620118-131461

MATERIAL SAFETY DATA SHEET

N/A=Not Applicable

(Prepared According To 29 CFR 1910.1200)

Effective Date 8/95

SECTION 1 - PRODUCT IDENTIFICATION

Product Name: Chemical Family: N/A
Generic Name: Toilet Bowl/Porcelain/Shower Tile Cleaner Formula: N/A
Supplier's Name: Phone Number:
Supplier's Address:

NPCHA Hazardous Materials Identification System

Health	2
Flammability	0
Reactivity	0
Maximum Personal Protection	8

SECTION 2 - INGREDIENTS

CHEMICAL NAME	CAS NO.	WT. %	PEL	TWA-TLV	STEL-TLV	CARCINOGEN
Water	7732-18-5	to 100				No
Phosphoric Acid	7664-38-2	20.0	1mg/M ³	1mg/M ³	3mg/M ³	No
Nonionic Surfactant	34398-01-1	0 to 5				No
Xanthan Gum	11138-66-2	0 to 5				No
Perfume Oil	100-52-7	0 to 5				No
Citric Acid	77-92-9	0 to 5				No
Nonionic Surfactant	61788-90-7	0 to 5				No
Nonionic Surfactant	66455-15-0	0 to 5				No
Dye	N/A	0 to 5				No
Quaternary Ammonium Chloride	5187-80-8	0.05				No

This product contains the following toxic chemicals subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and of 40 CFR 372:

CAS#	Chemical Name	Percent by Weight
7664-38-2	Phosphoric Acid	20.0

SECTION 3 - PHYSICAL DATA

Boiling Range (°F):	216°F Initial	Specific Gravity:	1.12
Vapor Pressure:	<20mm Hg @68°F	Vapor Density:	(Air=1): >1
% Volatile:	75+	pH:	1.5 - 2.0
Solubility in Water:	100%	Evaporation Rate:	(Water=1): <1
Physical Description:	Thick clear pink liquid with pleasant odor.		

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used):	None to boiling. (TCC)
Upper Explosive Limit:	N/A Lower Explosive Limit: N/A
Extinguishing Media:	N/A
Special Fire Fighting Procedures:	N/A
Unusual Fire and Explosion Hazards:	N/A

SECTION 5 - REACTIVITY DATA

Stability:	Stable.	Hazardous Polymerization:	Will not occur.
Incompatibility (Materials to Avoid):	Strong alkalis and oxidizers, reactive metals.		
Hazardous Decomposition Products:	Phosphorous oxide vapors in a fire.		

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. Prolonged or repeated contact can cause chemical burns or dermatitis.
Eyes:	Severe eye irritant. Liquid and mist may burn or injure the eyes.
Inhalation:	May be irritating to mucous membranes of the nose, throat, and lungs.
Ingestion:	May be irritating to the mouth and throat. Large doses can cause nausea and vomiting.

First Aid Procedures:	
Skin:	Remove contaminated clothing. Flush exposed area with large quantities of water. Seek medical attention if irritation persists.
Eyes:	Flush eyes with large quantities of water, holding eyelids open. Seek medical attention if irritation persists.
Inhalation:	Get to fresh air. Seek medical attention if symptoms persist.
Ingestion:	Do not induce vomiting. Drink a large quantity of water. Seek medical attention immediately.

SECTION 8 - SPECIAL PROTECTION INFORMATION

Respiratory Protection:	Use with adequate ventilation.	Ventilation:	Good general ventilation should be sufficient for most conditions. Local exhaust ventilation may be necessary for some operations.
Protective Gloves:	Acid proof.	Eye Protection:	Safety glasses.
Other Protective Equipment:	N/A		

SECTION 9 - SPILL OR LEAK PROCEDURES

Steps to be Taken in Case Material is Released or Spilled:	Waste Disposal Method:
Mop up or otherwise absorb and hold for disposal.	Any method in accordance with applicable laws.