Material Safety Data Sheet

WHMIS (Pictograms)	WHMIS (Classification)	HCS
	Not controlled under WHMIS (Canada).	Not controlled under the HCS (United States).

Section 1. Chemical Product and Company Identification

Product Name/ Trade name	**pH7**
Synonym	Neutral Cleaner
Chemical Family	Not available.
Chemical Formula	Not applicable.
Manufacturer	Betco Corporation 1001 Brown Avenue Toledo, Ohio 43607 (419) 241-2156
TSCA	**TSCA Inventory: All components listed or are exempt from listing.**
DSL	**DSL : All components listed unless noted elsewhere on this MSDS**

Code	138
CAS #	Not applicable.
Validation Date	**2/8/2001**
Print Date	2/12/2001
In Case of Emergency	Chemtrec (800) 424-9300

Protective Clothing

Section 2. Composition and Information on Ingredients

Name	CAS #	% by Weight	Exposure Limits	LC_{50}/LD_{50}
1) Water	7732-18-5	>95	Not available.	Not available.
2) Nonionic Surfactant	9016-45-9	0-5	Not available.	Not available.
3) Tetrasodium salt of ethylendiaminetetraacetic acid	64-02-8	<1	Not available.	ORAL (LD50): Acute: 3030 mg/kg [Rat].
4) Optical Brightener	N/A	<1	Not available.	Not available.
5) Citric Acid	77-92-9	<1	Not available.	Not available.
6) Cationic Surfactant	5197-80-8	<1	Not available.	Not available.
7) Perfume Oil	5392-40-5	<1	Not available.	Not available.
8) Dye	N/A	<1	Not available.	Not available.

Section 3. Hazards Identification

Potential Acute Health Effects	This product is an eye irritant. May cause mild irritation to the skin.
Potential Chronic Health Effects	There is no known effect from chronic exposure to this product.
Carcinogenic Effects	Not classified or listed by IARC, NTP, OSHA, EU and ACGIH.

Section 4. First Aid Measures

Eye Contact	Mildly irritating to the eyes. In case of contact with eyes, rinse immediately with plenty of water. Seek medical attention.
Skin Contact	NO known EFFECT on skin contact; rinse with water for a few minutes. If irritation persists, seek medical attention.
Inhalation	N/A
Ingestion	May be irritating to gastrointestinal system, mouth, throat, and esophagus. Vomiting and diarrhea expected with large doses. Seek immediate medical attention.

Section 5. Fire Fighting Measures

Products of Combustion	Not available.
Fire Fighting Media and Instructions	N/A
Special Remarks on Fire Hazards	N/A
Special Remarks on Explosion Hazards	N/A

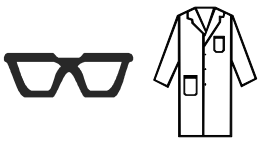
Section 6. Accidental Release Measures

Small Spill and Leak	Absorb with an inert material and place in an appropriate waste disposal container.
Large Spill and Leak	Absorb with an inert material and put the spilled material in an appropriate waste disposal.
Personal Protection in Case of a Large Spill	Splash goggles. Full suit. Boots. Gloves. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.

Section 7. Handling and Storage

Precautions	Avoid contact with eyes.
Incompatibility	None known.
Storage	Keep out of reach of children. Keep container tightly closed. For Institutional and Commercial Use

Section 8. Exposure Controls/Personal Protection

Engineering Controls	Good general ventilation should be sufficient to control airborne levels.
Personal Protection	
Eyes	Safety glasses.
Body	No special protective clothing is required.
Respiratory	Not applicable.
Hands	Gloves.
Protective Clothing (Pictograms)	
Exposure Limits	Not available.

Section 9. Physical and Chemical Properties

Physical State and Appearance	Liquid.
Molecular Weight	Not applicable.
pH	7 to 8.5 [Basic.]
Boiling/Condensation Point	212°F initial
Melting/Freezing Point	Not available.
Critical Temperature	Not available.
Instability Temperature	Not available.
Specific Gravity	1 (Water = 1)
Vapor Pressure	20mm Hg @ 68°F

Odor	Characteristic.
Taste	Disagreeable. (Slight.)
Color	Yellow. (Light.)

Vapor Density	>1 (Air = 1)
Volatility	90
VOC	0 (g/l). (0 lbs. Gal)
Evaporation Rate	<1 compared to Water
Odor Threshold	Not available.
$LogK_{ow}$	Not available.
Ionicity (in Water)	Not available.
Dispersion Properties	See solubility in water.
Solubility	Easily soluble in cold water.
The Product is:	Non-flammable.
Auto-ignition Temperature	Not available.
Flash Points	Not available.
Flammable Limits	Not available.
Fire Hazards in Presence of Various Substances	Non-flammable.
Explosion Hazards in Presence of Various Substances	Not applicable

Section 10. Stability and Reactivity Data

Stability	The product is stable.
Incompatibility with Various Substances	None known.
Hazardous Decomposition Products	Will not occur.

Section 11. Toxicological Information

Routes of Entry	Not available.
Toxicity to Animals	Acute oral toxicity (LD50): 3030 mg/kg [Rat]. (Tetrasodium EDTA).
Acute Effects on Humans	
Eyes	Eye irritant. May cause redness and swelling of the conjunctiva.
Skin	Defatting to skin on repeated contact.
Inhalation	N/A
Ingestion	May be irritating to the gastrointestinal system. Vomiting and diarrhea expected with large doses.
Chronic Effects on Humans	There is no known effect from chronic exposure to this product.
Special Remarks on Toxicity to Animals	No additional remark.
Special Remarks on Chronic Effects on Humans	No additional remark.

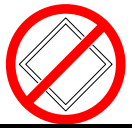
Section 12. Ecological Information

Ecotoxicity	Not available.
BOD5 and COD	Not available.
Products of Biodegradation	Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.
Toxicity of the Products of Biodegradation	Not available.
Special Remarks on the Products of Biodegradation	No additional remark.

Section 13. Disposal Considerations

Waste Information	Any method in accordance with applicable laws.
Waste Stream	Not available.

Section 14. Transport Information

DOT (U.S.A) (Pictograms)	
TDG Classification	Not controlled under TDG (Canada).
PIN UN, Proper Shipping Name, PG	Not applicable.
Maritime Transportation	Not available.
Special Provisions for Transport	Not applicable.

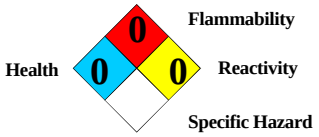
Section 15. Other Regulatory Information and Pictograms

WHMIS (Classification)	Not controlled under WHMIS (Canada).	
Regulatory Lists	No products were found.	
Other Regulations	Not available. or of its ingredients	
Other Classifications	**HCS (U.S.A.)**	Not controlled under the HCS (United States).
	USA Regulatory Lists	No products were found.
	DSD (EEC)	This product is not classified according to the EU regulations.
	International Regulations Lists	No products were found.

Hazardous Material Information System (U.S.A.)

Health	1
Flammability	0
Reactivity	0
Personal Protection	A

National Fire Protection Association (U.S.A.)



Section 16. Other Information

Validated by CRushton on 2/8/2001.

Verified by CRushton.

Printed 2/12/2001.

Information Contact **Betco Corporation**
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Toledo, Ohio 43607

Notice to Reader

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Continued on Next Page