

Betco Corporation

Material Safety Data Sheet

(Prepared According To 29 CFR 1910.1200)

Effective Date: 7/15/96

NA=Not Applicable

SECTION 1 - PRODUCT IDENTIFICATION

<p>Product Number: 350</p> <p>Product Name: Quat-Stat</p> <p>Generic Name: Disinfectant/Clnr/Detergent/Virucide/Deodorizer/Mildewstat/Fungicide</p> <p>Supplier's Name: Betco Corporation</p> <p>Supplier's Address: 1001 Brown Avenue, Toledo, Ohio 43607</p>	<p>Chemical Family: N/A</p> <p>Formula: N/A</p> <p>Phone Number: (419) 241-2156</p> <p>Emergency: (419) 241-2156</p>	<p style="text-align: center; font-weight: bold;">NPCA Hazardous Materials Identification System</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 2px;">Health</td> <td style="text-align: center; padding: 2px;">2</td> </tr> <tr> <td style="padding: 2px;">Flammability</td> <td style="text-align: center; padding: 2px;">0</td> </tr> <tr> <td style="padding: 2px;">Reactivity</td> <td style="text-align: center; padding: 2px;">0</td> </tr> <tr> <td style="padding: 2px;">Maximum Personal Protection</td> <td style="text-align: center; padding: 2px;">B</td> </tr> </table>	Health	2	Flammability	0	Reactivity	0	Maximum Personal Protection	B
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SECTION 2 - INGREDIENTS

INGREDIENT NAME	CAS NO.	WT. %	PEL	TWA-TLV	STEL-TLV	CARCINOGEN
Water	7732-18-5	to 100				No
Quaternary Ammonium Chloride	68391-01-5	5 to 10				No
Sodium Carbonate	497-19-8	0 to 5				No
Tetrasodium EDTA	64-02-8	0 to 5				No
Anionic Surfactant	34398-01-1	0 to 5				No
Cationic Surfactant	61788-90-7	0 to 5				No
Propylene Glycol	57-55-6	0 to 5				No
Paraffinic Oil	N/A	0 to 5				No
Surfactant	N/A	0 to 5				No

SECTION 3 - PHYSICAL DATA

Boiling Range: 212°F Specific Gravity: 1.0390

Vapor Pressure: 22.3mm Hg @ 68°F Vapor Density: (Air+1): 0.02 lb/ft³

Volatility: 90+ pH: 11.4

Solubility in Water: 100% Evaporation Rate: (butyl acetate+1): 0.4

Physical Description: Thin purple clear liquid with ozonic odor.

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

Concentrate Flash Point (Method): N/A Explosive Limits

Propellant Flash Point (Method): N/A Upper: N/A

Flash Point (Method): None to boiling. (TCC) Lower: 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.

Compatibility (Materials to Avoid): None known.

Hazardous Decomposition Products: None known.

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

<p>Effects of Overexposure:</p> <p>Primary Route of Entry:</p> <p style="padding-left: 20px;">Skin: Skin irritant. May cause irritation.</p> <p style="padding-left: 20px;">Eyes: Eye irritant. Liquid and mist may cause eye damage.</p> <p style="padding-left: 20px;">Inhalation: Vapors or mists may be irritating to the mucous membranes.</p> <p style="padding-left: 20px;">Ingestion: Harmful if swallowed.</p>	<p>First Aid Procedures:</p> <p style="padding-left: 20px;">Skin: Immediately wipe off excess material with a dry, clean cloth. Wash affected area with soap and large quantities of water. Seek medical attention if irritation persists.</p> <p style="padding-left: 20px;">Eyes: Flush with large quantities of water for 15 minutes holding eyelids open. Seek medical attention if irritation persists.</p> <p style="padding-left: 20px;">Inhalation: Get to fresh air. Seek medical attention if irritation persists.</p> <p style="padding-left: 20px;">Ingestion: Seek medical attention immediately.</p>
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SECTION 8 - SPECIAL PROTECTION INFORMATION

<p>Respiratory Protection: Use with adequate ventilation.</p> <p>Protective Gloves: Rubber or neoprene recommended.</p> <p>Other Protective Equipment: Eye wash, safety shower.</p>	<p>Ventilation: Good general ventilation should be sufficient for most conditions. Local exhaust ventilation may be necessary for some operations.</p> <p>Eye Protection: Chemical anti-splash goggles.</p>
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SECTION 9 - SPILL OR LEAK PROCEDURES

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