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# MATERIAL SAFETY DATA SHEET

Complies with OSHA's 29 CFR  
1910.1200 and State Hazard  
Communication Standards.

ROCHESTER MIDLAND  
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ROCHESTER, NY 14603-1515  
(716) 336-2200

Medical Emergency Telephone (716) 266-2283

## SECTION 1

PRODUCT IDENTITY: BYQUAT, Cleaner-Disinfectant-Deodorant-Fungicide

DATE PREPARED: 1/7/92

EPA Reg. No. 527-116

NFPA/HMIS HAZARD CODES (minimal = 0; slight = 1; moderate = 2; serious = 3; severe = 4)  
Health: 2/2      Fire: 0/0      Reactivity: 0/0      Special: NA

## SECTION 2: HAZARDOUS INGREDIENTS / IDENTITY INFORMATION

<u>HAZARDOUS COMPONENTS</u>	<u>CAS #</u>	<u>OSHA-PEL</u>	<u>ACGIH-TLV</u>	<u>% BY WT.</u>
n-Alkyl dimethyl benzylammonium chlorides - irritant	68391-01-5	None Est.	None Est.	1.6
n-Alkyl dimethyl ethylbenzyl ammonium chlorides - irritant	68956-79-6	None Est.	None Est.	1.6
Sodium carbonate - eye irritant	497-19-8	None Est.	None Est.	5 max.

Also contains detergents and water.

## SECTION 3: PHYSICAL / CHEMICAL CHARACTERISTICS

BOILING POINT: 212°F  
VAPOR PRESSURE: As water  
VAPOR DENSITY (air = 1): As water  
SOLUBILITY IN WATER: Complete

SPECIFIC GRAVITY: 1.042  
PERCENT VOLATILE: 87  
EVAPORATION RATE: As water  
pH: 11 - 12

APPEARANCE AND ODOR: Clear yellow liquid; lemon fragrance

## SECTION 4: FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: None (TCC)      FLAMMABLE LIMITS: NA  
EXTINGUISHING MEDIA: As for surrounding fire (product is mostly water and will not burn).  
SPECIAL FIREFIGHTING PROCEDURES: None

UNUSUAL FIRE AND EXPLOSION HAZARDS: None

## SECTION 5: REACTIVITY DATA

STABILITY: Stable      HAZARDOUS POLYMERIZATION: Will not occur  
CONDITIONS TO AVOID: None  
INCOMPATIBILITY: None  
HAZARDOUS DECOMPOSITION PRODUCTS: None

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## **SECTION 6: HEALTH HAZARD DATA**

**ROUTES OF ENTRY/SIGNS AND SYMPTOMS OF EXPOSURE: ACUTE:** Eyes: causes burns; possible permanent eye damage. Skin: possible severe irritation when handling concentrate or if prolonged exposure. Inhalation of mist may cause irritation of nose and throat. Ingestion: nausea, possible mucosal damage, possible toxic effects.

**CHRONIC EFFECTS:** None known.

**CARCINOGENS:** None listed under OSHA, IARC or NTP.

**MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:** Respiratory (if mists inhaled).

**EMERGENCY AND FIRST AID PROCEDURES:** Eyes: immediately rinse with plenty of water for at least 15 minutes while holding eyelids open to ensure complete rinsing. Remove contact lenses if worn. Skin: wash with water. Get medical attention if irritation persists. Inhalation: remove to fresh air. Ingestion: drink several glasses of water or milk. Avoid alcohol. Consult physician.

## **SECTION 7: PRECAUTIONS FOR SAFE HANDLING AND USE**

**SPILL OR LEAK PROCEDURES: SMALL SPILLS:** Rinse down drain or wet mop pick-up.

**LARGE SPILLS:** Dike to prevent runoff, reclaim all possible. Absorb with inert material and place in leak proof containers for disposal. Flush residue away with water.

**WASTE DISPOSAL METHOD:** Contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

**HANDLING AND STORING:** Do not contaminate water, food or feed. Store in a cool, dry area. Do not reuse empty containers. Protect eyes and skin when handling concentrate.

**OTHER PRECAUTIONS:** Read and follow label directions. Keep out of reach of children.

## **SECTION 8: CONTROL MEASURES**

**RESPIRATORY PROTECTION:** None normally required.

**VENTILATION:** Local exhaust if mist in air causes irritation.

**GLOVES:** Rubber or plastic recommended.

**EYE PROTECTION:** Goggles

**OTHER PROTECTIVE EQUIPMENT:** As needed to protect skin when handling concentrate.

**WORK/HYGIENIC PRACTICES:** Remove and wash contaminated clothing before reuse.

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