

# Material Safety Data Sheet

## PI QUAT 20



Revision Date: 14-Mar-07

**24-HOUR EMERGENCY**  
**1-800-255-3924**

### SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: PI QUAT 20 Product Code: 303290  
General Description: QUATERNARY AMMONIUM-MIXTURE  
Company Information: Preserve International  
PO Box 17003  
Reno, NV 89511  
USA  
1-209-664-1607

### SECTION 2 - COMPOSITION/IDENTITY INFORMATION

Hazardous Ingredients	CAS Number	%
Alkyl dimethyl benzyl ammonium chloride	68391-01-5	10.0
Alkyl dimethyl ethylbenzyl ammonium chloride	85409-23-0	10.0

\* SARA Section 313 toxic chemical, emission or release of which must be reported as a part of SARA Title III community right to know provisions.

### SECTION 3 - HAZARDS IDENTIFICATION

This product can cause irritation to eyes, skin, upper respiratory tract and mucous membranes. May be fatal if swallowed.

### SECTION 4 - FIRST AID MEASURES

#### If in Eyes:

Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present after the first 5 minutes, then continue rinsing. Contact a physician immediately.

#### If Swallowed:

Have person sip a glass of water if able to swallow. Do not give anything to an unconscious person. Do not induce vomiting. Contact a physician immediately.

#### If Breathing Difficulty Occurs:

Move person to fresh air. Contact a physician immediately.

#### If on Skin:

Take off contaminated clothing. Rinse skin with soap and water. If irritation develops and persists, contact a physician.

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### SECTION 5 - FIRE FIGHTING MEASURES

This product is not flammable. Wear self-contained breathing apparatus and protective gear to prevent skin contact with corrosive solutions. Extinguishing Media: Water spray, foam, CO<sub>2</sub>, Dry Chemicals

### SECTION 6 - ACCIDENTAL RELEASE MEASURES

Contain spills and dispose of according to federal and local regulations.

### SECTION 7 - HANDLING AND STORAGE

Handling: Use proper personal protective equipment as indicated in Section 8. Do not get in eyes, on skin, or on clothing. Use only in well-ventilated areas.

Storage: Store in a closed container away from sources of heat. Keep away from children. If product becomes frozen, thaw and mix well before use.

### SECTION 8 - EXPOSURE CONTROL/PERSONAL PROTECTION

If exposure limits listed in Section 11 are exceeded, use appropriate personal protective equipment.



### SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance: COLORLESS TO LIGHT STRAW

Odor: BENZALDEHYDE

Specific Gravity: 0.90 - 1.02

pH (as is): 7.00 - 8.00

Solubility in Water: COMPLETE

Note: The above properties are typical values and are not to be construed as a guaranteed analysis for any specific lot or as specifications for the product.

### SECTION 10 - STABILITY AND REACTIVITY

**Stability:** Stable under ordinary conditions of use and storage.

**Hazardous Decomposition Products:** Toxic hydrogen chloride fumes, oxides of carbon and nitrogen.

**Hazardous Polymerization:** Will not occur.

**Incompatibilities:** Reducing agents and strong oxidizers.

**Conditions to avoid:** Reducing agents and strong oxidizers.

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### SECTION 11 - TOXICOLOGICAL INFORMATION

Chemical Name	OSHA Permissible Exposure Limit (PEL)	ACGIH Threshold Limit Value (TLV)
Alkyl dimethyl benzyl ammonium chloride	NE	NE
Alkyl dimethyl ethylbenzyl ammonium chloride	NE	NE

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### SECTION 12 - ECOLOGICAL INFORMATION

**Ecotoxicity:** This product is expected to be fatal to aquatic life.  
**Environmental fate:** No data available.

### SECTION 13 - DISPOSAL CONSIDERATIONS

Dispose of in a manner consistent with federal, state, and local regulations.

### SECTION 14 - TRANSPORTATION INFORMATION

**U.S. Department of Transportation (DOT) Classification:**

Proper Shipping Name: Not DOT Regulated

Hazard Class:

UN Number:

Packing Group:

**Canadian Transportation of Dangerous Goods (TDG) Regulations:**

Identical to U.S. DOT above.

**International Maritime Dangerous Goods (IMDG) Code:**

Identical to U.S. DOT above.

**International Air Transport Association (IATA) Dangerous Goods Regulations:**

Identical to U.S. DOT above.

### SECTION 15 - REGULATORY INFORMATION

Hazard Symbol(s): None  
 Risk Phrase(s): R22 Harmful if swallowed

**NFPA HAZARD**

**CLASSIFICATION**    TOXIC    3    FIRE    2    REACTIVE    0    SPECIAL    -

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### SECTION 16 - OTHER INFORMATION

Reason for Revision:

Prepared by: Preserve International MSDS Department

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