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MATERIAL SAFETY DATA SHEET (SUBSTITUTES FOR OSHA FORM 174): May be used to
comply with OSHA's Hazard Communication Standard, 29 CFR 1910.1200.
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PRODUCT NUMBER: 289

IDENTITY: PT 100

Revision Date: 01/09/2007

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Section I
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Manufacturer's Name:QUEST CHEMICAL CORPORATION
Address: 12255 FM 529
NORTHWOODS INDUSTRIAL PARK
HOUSTON
State: TX Zip Code:77041

Telephone Numbers:
Emergency: 800/255-3924
Information: 713/8968188

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HMIS CODES: REACTIVITY: 1 FLAMMABILITY: 0 HEALTH: 2 PERSONAL PROTECT: B
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Section II: HAZARDOUS INGREDIENTS/IDENTITY INFORMATION (All of the
ingredients contained in this product are listed on the TSCA inventory.)
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Table with 7 columns: Name, Cas No., OSHA PEL, ACGIH TLV, OTHER LIM, and %. Rows include 2-BUTOXY ETHANOL, HYDROGEN CHLORIDE, and PHOSPHORIC ACID.

Comment:

THIS PRODUCT CONTAINS THE TOXIC CHEMICALS MARKED WITH AN \* SUBJECT
TO THE REPORTING REQUIREMENTS OF SECTION 313 OF THE EMERGENCY PLANNING
AND COMMUNITY RIGHT-TO-KNOW ACT OF 1986 AND OF 40CFR372.

Section III: PHYSICAL/CHEMICAL CHARACTERISTICS
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Boiling Point: 212 Specific Gravity (water=1) 1.08
Vapor Pressure(mm Hg) 18 Melting Point: N/A
Vapor Density(AIR=1) >1 Evaporation Rate: <.01
Solubility in Water: 100% (Butyl Acetate=1)
Appearance and Odor: YELLOW LIQUID, MINT ODOR

Section IV: FIRE AND EXPLOSION HAZARD DATA
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Flash Point(Method Used):NONE Flammable Limits: LEL:N/A UEL: N/A
Extinguishing Media: NONE
Special Fire Fighting Procedures: NONE

Unusual Fire and Explosion Hazards: NONE

Stability: Unstable: Conditions to avoid:  
 Stable: X REACTION WITH METALS WHICH LIBERATES HYDROGEN  
 Incompatibility (Materials to Avoid): ALKALINE MATERIALS, NON-RESISTANT  
 METALS CAN DECOMPOSE TO EMIT OXIDES OR PHOSPHOROUS.  
 Hazardous Decomposition or Byproducts: NONE KNOWN

Hazardous Polymerization: May Occur: Will Not Occur: X  
 Conditions to Avoid: NONE KNOWN

Section VI: HEALTH HAZARD DATA

Routes of Entry: Inhalation: YES Skin: YES Ingestion: YES  
 Health Hazards (Acute and Chronic):  
 EYES AND SKIN: ACID BURNS. MUCOUS MEMBRANES: IRRITANT

Carcinogenicity: NTP:NO IARC Monographs:NO OSHA Reg:NO  
 Signs and Symptoms of Exposure: SEE HEALTH HAZARDS

Medical Conditions Generally Aggravated by Exposure: NONE KNOWN

Emergency and First Aid Procedures: EYES: ACID BURN, IRRIGATE WITH WATER  
 REPEATEDLY. CALL PHYSICIAN. SKIN: REMOVE CLOTHING. FLUSH SKIN WITH WATER.  
 INHALATION: REMOVE TO FRESH AIR. INGESTION: DO NOT INDUCE VOMITING. GIVE  
 LARGE AMOUNTS OF WATER OR MILK. CONTACT PHYSICIAN IMMEDIATELY.

Section VII: PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to be Taken in Case Material is Released or Spilled: DILUTE WITH  
 WATER AND/OR NEUTRALIZE WITH ALKALINE MATERIAL SUCH AS SODA ASH AND FLUSH  
 TO SEWER.

Waste Disposal Method: DISPOSE OF RESIDUE IN ACCORDANCE WITH FEDERAL,  
 STATE AND LOCAL GUIDELINES. DO NOT REUSE EMPTY CONTAINER. DRUMS CAN BE  
 OFFERED FOR RECYCLING. PAILS AND SMALLER CONTAINERS SHOULD BE RESEALED AND  
 DISPOSED OF PROPERLY.

Precautions to be Taken in Handling and Storing: ALWAYS WEAR EYE PROTECTION  
 AND USE ACID RESISTANT MATERIALS.

Other Precautions: STORE IN A COOL DRY PLACE. KEEP OUT OF REACH OF  
 CHILDREN.

Section VIII: CONTROL MEASURES

Respiratory Protection: IF USING AS A SPRAY - MASK AND GOGGLES

Ventilation: Local Exhaust: YES

Mechanical: N/A Special: N/A

Other: N/A

Protective Gloves: RUBBER GLOVES

Eye Protection: CHEMICAL GOGGLES - ACID PROOF

Other Protective Clothing or Equipment:

NONE REQUIRED OTHER THAN RUBBER GLOVES & GOGGLES

Work/Hygienic Practices:

N/A