

# QUACORR® 2001 CATALYST

QUICK IDENTIFIER

## Material Safety Data Sheet

May be used to comply with OSHA's Hazard Communication Standard, 29CFR 1910.1200. Standard must be consulted for specific requirements

QUACORR® 2001CATALYST

Common Name (used on label and list):

### SECTION I

Manufacturer's Name and Address

Penn A Kem, LLC  
3324 Chelsea Avenue  
Memphis, TN 38108

Emergency Telephone Number

**901-320-4092**  
**HAZARD INFORMATION SERVICES: 800-228-5635**  
(For Emergency Medical Information)

For Product Information and Other Calls:

Penn A Kem, LLC: 877-895-7366

Effective: November 16, 2010

Supersedes: February 23, 2004

### SECTION II - Hazardous Ingredients/Identity Information

Hazardous Component(s) Chemical & Common Name(s)	OSHA PEL	ACGIH TLV	CAS NO.	%
Phthaloyl chloride	Not established	Not established	88-95-9	85-92%
Dimethyl phthalate	Not established	5 mg/m <sup>3</sup>	131-11-3	15-8%

### SECTION III - Physical/Chemical Characteristics

Boiling Point	Vapor Density (Air=1)	Specific Gravity (H <sub>2</sub> O=1)	Vapor Pressure (mm Hg)
538°F, 281°C	>1.0, Heavier than air	1.37	40 @ 343°F, 173°C

Solubility in Water

Partly soluble. Decomposes.

Reactivity in Water

Solution becomes acidic. Decomposes, releasing hydrogen chloride fumes.

Appearance and Color

Amber to brown, mobile liquid.

Melting Point/Freezing Point

Not available

Pungent, irritating odor.

### SECTION IV - Fire and Explosion Hazard Data

Flash Point	Method Used	Flammable Limits in Air, % Volume	LEL Lower	UEL Upper
No ignition @ 518°F, 278°C	Pensky-Martens		Not available	Not available

Auto-Ignition temperature

Not available

Extinguisher Media

Dry chemical, foam, carbon dioxide.

Special Fire Fighting Procedures

Firefighters should have eye protection and wear self-contained breathing apparatus.

Do not use water.

Unusual Fire and Explosion Hazards

Decomposes in presence of water and releases hydrogen chloride fumes.

Reacts violently with peroxides.

### SECTION V - Physical Hazards/Reactivity Data

Stability	Unstable	Conditions to Avoid
	Stable X	Normally stable; see warnings below.

Incompatibility (Materials to Avoid)

Water. Peroxides. Oxidizers. Bases. Alcohols. Reacts violently with peroxides. Decomposes in water.

Hazardous Decomposition Products

Combustion in water to release hydrogen chloride fumes.

Hazardous Polymerization

May Occur

Will Not Occur X

Conditions to Avoid

Will not occur alone.

May occur due to improper contact with acid-reactive resins.

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**SECTION VI - Health Hazards**Chemical Listed as Carcinogen  
or Potential CarcinogenNational Toxicology Yes  
No **X**IARC Monographs Yes  
No **X**OSHA Regulated Yes  
No **X****Signs and Symptoms**

Exposure

Detectable odor.

Acute Overexposure

Strong odor. Headache. Contact can cause acid burns to skin and eyes.

Vapors can cause nasal and respiratory tract irritation, lacrimation, cough and headache.

Chronic Overexposure

No data are available.

**Emergency and First Aid Procedures for Overexposure - Obtain prompt medical attention.**

Inhalation

Move to fresh air.

Eyes

Immediately flush with water for 15 minutes while lifting eyelids and rolling eyes.

Get immediate medical attention.

Skin

Wash promptly with soap and water.

Ingestion

Get medical help. If conscious and medical help not readily available, give large amounts of water.

DO NOT INDUCE VOMITING.

**SECTION VII - Special Precautions and Spill/Leak Procedures**

Precautions to be taken in Handling and Storage

Store above freezing in a cool, dry, well ventilated location. Separate from peroxides, bases, water, alcohols and QUACORR® 2001 resins.

Other Precautions

Avoid skin contact. Do not reuse containers. Keep containers tightly closed. No smoking or eating in handling area.

Steps to be taken in case Material is Released or Spilled

Pick up spill on sand, earth or other non-combustible, absorbent material. Place in acid-resistant, covered container for disposal. Flush area with water to remove last traces.

Waste Disposal Methods (Consult Federal, State and Local Regulations).

Dispose of as a corrosive waste in accord with regulations.

**SECTION VIII - Special Protection and Control Measures**Respiratory Protection (*Specify Type*)

NIOSH approved self-contained breathing apparatus.

Ventilation and local exhaust required.

Eye Protection

Chemical goggles and face shield.

Protective Gloves

Neoprene/natural rubber.

Other Protective Clothing or Equipment

Eye fountain and safety shower.

Work Hygiene Practices

Avoid direct contact with QUACORR® 2001 Catalyst.

**Transport Information:**

DOT: Corrosive liquid Acidic, Organic, NOS, (contains phthaloyl chloride), 8, UN 3265, PG II

Label: Corrosive.

*The data contained herein is based on information currently available to Penn A Kem, LLC, and believed to be factual and the opinions expressed to be those of qualified experts; however, this data is not to be taken as a warranty or representation for which Penn A Kem, LLC assumes legal responsibility.*