

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 Specialty Chemicals, Inc.
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 Specialty Chemicals, Inc.: 877-895-7366

Effective: February 23, 2004

Supersedes: July 15, 2003

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 ³	131-11-3	15-8%

SECTION III - Physical/Chemical Characteristics

Boiling Point	Vapor Density (Air=1)	Specific Gravity (H ₂ 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.
Pungent, irritating odor.

Melting Point/Freezing Point

Not available

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.

SECTION VI - Health Hazards

Chemical Listed as Carcinogen
or Potential Carcinogen

National 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.
