

Material Safety Data Sheet

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BASF CORPORATION
3000 CONTINENTAL DRIVE

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Emergency Telephone: (800) 424-9300 (CHEMTREC)
(800) 832-HELP (BASF Hotline)

BOTH NUMBERS ARE AVAILABLE DAYS, NIGHTS, WEEKENDS, & HOLIDAYS.
SECTION 1 - PRODUCT INFORMATION

PALATINOL 79P

Product ID: NCO 526254

Common Chemical Name:

N/A

Synonyms:

None

Molecular Formula:

C(24)H(38)O(4)

Chemical Family: Phthalate Esters

Molecular Wt.: 398.0

SECTION 2 - INGREDIENTS

Chemical Name:		CAS	Amount
1,2-BENZENEDICARBOXYLIC ACID, DI(C9) ESTER, BR. & LINEAR NOT ESTABLISHED	()	68515-45-7	PROPRIETARY
1,2-BENZENEDICARBOXYLIC ACID, DI(C7) ESTER, BR. & LINEAR NOT ESTABLISHED	()	68515-44-6	PROPRIETARY
1,2-BENZENEDICARBOXYLIC ACID, (C7, C9) ESTER, BR. & LINEAR NOT ESTABLISHED	()	111381-89-6	PROPRIETARY

SECTION 3 - PHYSICAL PROPERTIES

Color:	Colorless			
Form/Appearance:	Oily Liquid			
Odor:	Characteristic			
Odor Intensity:	Slight			
	Typical	Low/High	U.O.M.	
Specific Gravity:	0.98			
Viscosity:	36		CENTIPOISE @	25 DEG
pH:	NOT AVAILABLE			
	Typical	Low/High	Deg.	@ Pressure
Boiling Pt:	NOT AVAILABLE			

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HARWICK STANDARD
 DISTRIBUTION CORPORATION
 60 S. Seiberling Street • Akron, Ohio 44305
 Akron • Chicago • Northeast • Southern • West Coast

605 305

SECTION 3 - PHYSICAL PROPERTIES (cont)

Freezing Pt:	Typical	Low/High	Deg.	@	Pressure
Decomp. Temp:	NOT AVAILABLE				
Solubility:	Typical	Low/High	U.O.M.	@	Temperature
Other Physical Properties:	0.083		MG/L		20 C

POUR POINT: -50 C

SECTION 4 - FIRE AND EXPLOSION DATA

Flash Point:	Typical	Low/High	Deg.	Method
Autoignition:	218		C	CLEVELAND OPEN CUP
Extinguishing Media:	257		C	NONE SPECIFIED

Use water fog, alcohol foam or dry chemical extinguishing media.

Fire Fighting Procedures:

Good firefighting practice dictates the use of self-contained breathing apparatus and turnout gear. Water fog should be used to keep fire exposed containers cool.

Unusual Hazards:

There are no known unusual fire or explosion hazards.

SECTION 5 - HEALTH EFFECTS

Routes of entry for solids and liquids include eye and skin contact, ingestion and inhalation. Routes of entry for gases include inhalation and eye contact. Skin contact may be a route of entry for liquified gases.

Toxicology Test Data:

Rat, Oral LD50 - > 10 G/KG

Practically Nontoxic

Rat, Inhalation Safety Screen, 6 hr - @ 25 C

No Compound Related Adverse Effects

Rabbit, Dermal LD50 - > 7940 MG/KG

Practically Nontoxic

Rabbit, Eye Irritation - 5 DRAIZE: MAX=110

Minimally Irritating

Rabbit, Primary Skin Irritation - 1.8 DRAIZE: MAX=8

Slightly irritating

Acute Overexposure Effects:

Contact with the eyes and skin may result in irritation.

The low vapor pressure of 79-P essentially eliminates an inhalation hazard unless the material is heated or misted. Overexposure to hot vapors or mists of phthalate esters may cause nausea and respiratory tract irritation. Prolonged or excessive contact with the liquid may cause skin or eye irritation. Ingestion could cause abdominal cramps nausea and diarrhea.

SECTION 5 - HEALTH EFFECTS (cont)

Chronic Overexposure Effects:

Repeated (21 day) oral exposure in rats led to liver disease and testicular atrophy at a dose of 2.5 g/kg/day. No testicular effects were seen in rats treated for 7 days.

First Aid Procedures - Skin:

Wash affected areas with soap and water. Remove and launder contaminated clothing before reuse. If irritation develops, get medical attention.

First Aid Procedures - Eyes:

Immediately rinse eyes with running water for 15 minutes. If irritation develops, get medical attention.

First Aid Procedures - Ingestion:

If swallowed, dilute with water and immediately induce vomiting. Never give fluids or induce vomiting if the victim is unconscious or having convulsions. Get immediate medical attention.

First Aid Procedures - Inhalation:

Move to fresh air. Aid in breathing, if necessary, and get immediate medical attention.

First Aid Procedures - Notes to Physicians:

None known.

First Aid Procedures - Aggravated Medical Conditions:

No data is available which addresses medical conditions that are generally recognized as being aggravated by exposure to this product. Please refer to Section 5 (Effects of Overexposure) for effects observed in animals.

First Aid Procedures - Special Precautions:

None

SECTION 6 - REACTIVITY DATA

Stability Data:

Stable; Excessive heat and ignition sources.

Incompatibility:

Strong oxidizing agents.

Conditions/Hazards to Avoid:

No data available.

Hazardous Decomposition/Polymerization:

Hazardous decomposition products: CO and CO₂.

Corrosive Properties:

Not corrosive to metal.

Oxidizer Properties:

Not an oxidizer

SECTION 7 - PERSONAL PROTECTION

Clothing:

Gloves, coveralls, apron, boots as necessary to minimize contact.

Eyes:

Chemical goggles; also wear a face shield if splashing hazard exists.

Respiration:

If vapors or mists are generated, wear a NIOSH/MSHA approved organic vapor/mist respirator or an air-supplied respirator as appropriate.

SECTION 7 - PERSONAL PROTECTION (cont)

Ventilation:

Use local exhaust to control vapors/mists.

Explosion Proofing:

None required.

Other Personal Protection Data:

None under normal conditions.

SECTION 8 - SPILL-LEAK/ENVIRONMENTAL

General:

Spills should be contained, solidified and placed in suitable containers for disposal in a RCRA licensed facility. This material is RCRA hazardous due to its properties and is regulated by CERCLA ("Superfund").

Waste Disposal:

Incinerate or bury in a RCRA licensed facility. Do not discharge into waterways or sewer systems without proper authority.

Container Disposal:

Empty containers with less than 1 inch of residue may be landfilled at a licensed facility. Recommend crushing or other means to prevent unauthorized reuse. Other containers must be disposed of in a RCRA licensed facility.

Environmental Toxicity Test Data:

S capricornutum 96 hr static algal EC50 - > 1000 PPM

Insignificant Hazard

Rainbow Trout, static 96 hr LC50 - 1000 PPM

Insignificant Hazard

Fathead Minnow, Static 96 hr LC50 - > 1000 PPM

Insignificant Hazard

Daphnia magna, 48 hr static EC50 - 0.12 PPM

Highly Toxic

SECTION 9 - STORAGE AND HANDLING

General:

Keep containers closed.

SECTION 10 - REGULATORY INFORMATION

TSCA Inventory Status

Listed on Inventory: YES

RCRA Haz. Waste No .:

Palatinol 79P is included in the CERCLA Hazardous Substance list and RCRA Toxic Constituents list as a member of the Phthalate Ester Class.

State Regulatory Information: (By Component)

NJ/PA/MA RTK

CAS:	68515-44-6	NO
NAME:	1,2-BENZENEDICARBOXYLIC ACID,	DI(C7) ESTER, BR. & LINEAR
CAS:	68515-45-7	NO
NAME:	1,2-BENZENEDICARBOXYLIC ACID,	DI(C9) ESTER, BR. & LINEAR
CAS:	111381-89-6	NO
NAME:	1,2-BENZENEDICARBOXYLIC ACID,	(C7, C9) ESTER, BR. & LINEAR

SECTION 10 - REGULATORY INFORMATION (cont)

Hazard Ratings:

HMIS	Health:	Fire:	Reactivity:	Special:
	1	1	0	NA

This product is a health hazard according to the OSHA Hazard Communication Standard.

INTERNATIONAL REPORTING: EINECS (EUROPE) - YES
MITI (JAPAN) - N/A
AUSTRALIA - YES

MASSACHUSETTS RIGHT-TO-KNOW LISTED: - NO

HAZARD CODE: N/A

PENNSYLVANIA RIGHT-TO-KNOW LISTED: - NO

HAZARD CODE: N/A

SECTION 11 - TRANSPORTATION INFORMATION

DOT Proper Shipping Name:

REFER TO BASF BILL OF LADING

DOT Technical Name:

REFER TO BASF BILL OF LADING

DOT Primary Hazard Class:

REFER TO BASF BILL OF LADING

DOT Secondary Hazard Class:

REFER TO BASF BILL OF LADING

DOT Label Required:

REFER TO BASF BILL OF LADING

DOT Placard Required:

REFER TO BASF BILL OF LADING

DOT Poison Constituent:

REFER TO BASF BILL OF LADING

BASF Commodity Codes: NA NA UN/NA Code: NONE E/R Guide:

Bill of Lading Description:

FOR THE MOST UP-TO-DATE D.O.T. SHIPPING DESCRIPTION, PLEASE REFER TO THE BASF BILL OF LADING!

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END OF DATA SHEET