

1,4-DICHLOROBENZENE P100, P101, P105, P102T, P102B, P103T, P103B, P107, P110, P108, P111, P120, P121, P122, P123, P97, P98, P99

Material Safety Data Sheet

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

U.S. Department of Labor
Occupational Safety and Health Administration
(Non-Mandatory Form)
Form Approved
OMB No. 1218-0072

Para Deodorant
#2447
Biodex

IDENTITY (As Used on Label and Usf)

SEE ABOVE

Section I

Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.

Manufacturer's Name

PURCO CHEMICAL DIV. OF CONTICO INTL

Address (Number, Street, City, State, and ZIP Code)

4700 GOODFELLOW ST LOUIS, MO 63120

Emergency Telephone Number

314-381-3029

Telephone Number for Information

314-731-0302

Date Prepared

January 15, 1989

Signature of Preparer (optional)

Section II — Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity, Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
1,4-DICHLOROBENZENE PARA-DICHLOROBENZENE	75ppm	75ppm		99%
CAS #106-46-7				

Section III — Physical/Chemical Characteristics

Boiling Point	76.0mm	Specific Gravity (H ₂ O = 1)	
Vapor Pressure (mm Hg.)	175°	(70/15.5°C)	1.458
Vapor Density (AIR = 1)	0.6mm	Melting Point	
Solubility in Water	5.08	Evaporation Rate	NA
20°C negligible		(Butyl Acetate = 1)	<1
Appearance and Odor	0.069%		

white crystals-odor of moth balls

Section IV — Fire and Explosion Hazard Data

Flash Point (Method Used)	cc 150°F	Flammable Limits	LEL	UEL
Extinguishing Media		NA		

water, foam, CO₂ or dry chemical

Special Fire Fighting Procedures

respiratory protection when fighting fires where exposure to vapors or gases is possible

Unusual Fire and Explosion Hazards

highly toxic gases (chlorides and chlorine) can be evolved in fires of this product

(Reproduce locally)

Section V — Reactivity Data

Stability	Unstable		Conditions to Avoid
	Stable	X	

Incompatibility (Materials to Avoid)

strong oxidizing agents

Hazardous Decomposition or Byproducts

CO, CO₂, soot, smoke, chlorides and chlorine

Hazardous Polymerization	May Occur		Conditions to Avoid
	Will Not Occur	X	

Section VI — Health Hazard Data

Route(s) of Entry:	Inhalation?	YES	Skin?	YES	Ingestion?	YES
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Health Hazards (Acute and Chronic)

irritation of the eyes, mucous membrane and skin is transient, above 160 ppm nose and throat irritation become intolerable

Carcinogenicity:	NO	NTP?	NA	IARC Monographs?	NA	OSHA Regulated?	NA
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Signs and Symptoms of Exposure

irritation of the mucous membranes, eyes and skin

Medical Conditions

Generally Aggravated by Exposure unknown

Emergency and First Aid Procedures

Eyes- Flush with water - irritation seek medical advice

Skin- Wash with soap and water

Section VII — Precautions for Safe Handling and Use

Steps to Be Taken in Case Material is Released or Spilled

scrape up or absorb on clay, sawdust or other absorbant material or drum and dispose of in approved chemical landfill in accordance with local and state regulations.

Waste Disposal Method

bury in chemical landfill

Precautions to Be Taken in Handling and Storing

do not store near strong oxidizing agents.

avoid skin and eye contact. avoid inhalation of dust or vapors

Other Precautions

KEEP AWAY FROM HEAT AND FLAME

Section VIII — Control Measures

Respiratory Protection (Specify Type)

not required

Ventilation	Local Exhaust	YES	Special	NA
	Mechanical (General)	NO	Other	NA

Protective Gloves

yes, rubber

Eye Protection

glasses

or Protective Clothing or Equipment

Work/Hygienic Practices

wash hands and skin surfaces that have been in contact