

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

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IDENTITY (As Used on Label and List)
FRESH PARA BLOCKS AND CRYSTALS

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.

Section I

Manufacturer's Name  PRODUCTS INC. 4010 South Avenue • Toledo, Ohio 43615 Phone: (419) 831-9741	Emergency Telephone Number	419/531-9741
	Telephone Number for Information	419/531-9741
	Date Prepared	APRIL 25, 1991
	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)
CAS//				
PARADICHLOROBENZENE 106-46-7	75 ppm	75 ppm	110 ppm	99.75%
			(ACGIH-STEL)	
UN# 1592				

* CAS numbers are not available for fragrances since they are proprietary mixtures from suppliers to Fresh Products. The name of the firm supplying a specific fragrance is available on request.

HMIS NUMBER: HEALTH 2
FIRE 2
REACTIVITY 0

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Section III -- Physical/Chemical Characteristics

Boiling Point	174° C	345.2° F	Specific Gravity (H ₂ O = 1)	1.245 - 1.250
Vapor Pressure (mm Hg.)		0.6	Melting Point	127° F
Vapor Density (AIR = 1)		5.1	Evaporation Rate (Butyl Acetate = 1)	unknown
Solubility in Water	.008			
Appearance and Odor	White block or crystals "mothball" odor			

Section IV -- Fire and Explosion Hazard Data

Flash Point (Method Used)	150°F tag closed cup	Flammable Limits	LEL 2.5	UEL unknown
Extinguishing Media	Water spray - foam - CO ₂ - dry chemical			
Special Fire Fighting Procedures	Wear protective clothing and NIOSH/MHSA approved self-contained breathing apparatus where exposure to vapors is possible.			
Unusual Fire and Explosion Hazards	Unknown			

Section V — Reactivity Data

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Stability	Unstable		Conditions to Avoid	Keep away from open flame
	Stable	XX		

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Incompatibility (Materials to Avoid) Oxidizing agents, hot aluminum and aluminum alloys

Hazardous Decomposition or Byproducts
Carbon monoxide, carbon dioxide, smokes, soot, hydrogen chloride & phosgene

Hazardous Polymerization	May Occur		Conditions to Avoid	None
	Will Not Occur	XX		

Section VI — Health Hazard Data

Route(s) of Entry: Inhalation? **Yes** Skin? **Yes** Ingestion? **unlikely**

Health Hazards (Acute and Chronic)
Inhalation or ingestion of paradichlorobenzene at concentrations well above permissible exposure limits can cause depression of the common nervous system, vapor may cause irritation of skin or eyes and has been known to cause liver damage in rats and rabbits

Carcinogenicity: EPA has placed paradichlorobenzene in its Group C carcinogen category: possible human carcinogen based on limited evidence of carcinogenicity in animals and in the absence of human data. Inhalation studies have indicated para to be without carcinogenic effects.

Signs and Symptoms of Exposure Headaches, dizziness, eyes, nose & throat irritation, nausea, feeling of drunkenness & cardiac sensitization may be experienced by some individuals where the concentration of para is well above the TLV in confined, poorly ventilated areas

Medical Conditions
Generally Aggravated by Exposure **Unknown**

Emergency and First Aid Procedures
Eyes: flush with plenty of water for at least 15 minutes. Skin: wash affected area with soap & water. Inhaled: remove to fresh air. If swallowed: rinse mouth. Do not induce vomiting. Give lots of water or milk. In all cases where pain in an affected area persists call a physician.

Section VII — Precautions for Safe Handling and Use

Steps to Be Taken in Case Material is Released or Spilled
Scoop up and put in closed container. Keep material out of sewers or open waterways. Allow small amounts to evaporate naturally.

Waste Disposal Method
The material should be burned in an approved incinerator or disposed of in an approved waste dump in accordance with applicable Federal, State & Local regulations

Precautions to Be Taken in Handling and Storing
Store away from heat and open flames in tightly closed containers. Avoid excessive inhalation and contact with skin and eyes.

Other Precautions
Do not wear contact lenses when handling

Section VIII — Control Measures

Respiratory Protection (Specify Type)
If airborne limits may be exceeded, use NIOSH approved respirator

Ventilation	Local Exhaust Use in well ventilated areas	Special	N/A
	Mechanical (General)	N/A	Other

Protective Gloves **None** Eye Protection
Do not rub eyes with contaminated hand

Other Protective Clothing or Equipment **None**

Work/Hygienic Practices
Wash thoroughly with soap and water after coming in contact with product

PARADICHLOROBENZENE IS SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF THE EMERGENCY PLANNING & COMMUNITY RIGHT TO KNOW ACT OF 1986 & of 40 CFR 273:(SARA, Title III)