

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

Occupational Safety and Health Administration
(Non-Mandatory Form)
Form Approved
OMB No. 1218-0072

8/93

IDENTITY (As Used on Label and List)

Unusual
Blocks

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

FRESH PARA BLOCKS AND CRYSTALS

SECTION I

Manufacturer's Name

FRESH PRODUCTS, INC.
4010 SOUTH AVENUE
TOLEDO, OH 43615

Emergency Telephone Number 419/531-9741

Telephone Number for Information 419/531-9741

Date Prepared MARCH 29, 1993

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)
PARADICHLOROBENZENE CAS# 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 NUMBERS: HEALTH - 2 FIRE - 2 REACTIVITY - 0

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 wt. %			
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

Stability	Conditions To Avoid	
	Unstable	Stable
		X

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

Hazardous Decomposition Or Byproducts
Carbon monoxide, carbon dioxide, smokes, soot, hydrogen chloride and phosgene.

Hazardous Polymerization	Conditions To Avoid	
	May Occur	Will Not Occur
		X

SECTION VI - Health Hazard Data

Route(s) Of Entry:

Inhalation? Yes Skin? Yes Eyes? 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 para 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 paradichlorobenzene to be without carcinogenic effects.

Signs And Symptoms Of Exposure
Headaches, dizziness, eyes, nose & throat irritation, nausea, feeling of drunkenness and 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

First Aid Procedures

Eyes: Flush with plenty of water for at least 15 minutes. Skin: wash affected area with soap and water. Inhalation: remove to fresh air. If swallowed: rinse mouth. Do not induce vomiting. Give lots of water or milk. In all cases where pain in affected area persists, call physician.

Steps To Be Taken In Case Material Is Released Or Spilled
Scoop up and put in closed container. Keep material out of sewer 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 and 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. Do not wear contact lenses when handling.

SECTION VII - 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

Protective Gloves	None	
	Mechanical (General)	Other
	N/A	N/A

Other Protective Clothing Or Equipment
Do not rub eyes with contaminated hands

Work/Hygiene Practices
Wash thoroughly with soap & water after coming in contact with product.

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