

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

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

IDENTITY

DEODORANT BLOCKS (230005)

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

Manufactured For:

Beaver Research Company

Emergency Telephone Number

1-800-255-3924 (Chem-Tel)

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

3700 E. Kilgore Road, Portage, MI 49002

Telephone Number For Information

269-382-0133

HMIS RATINGS:

0-Minimal 3-Serious

1-Slight 4-Extreme

2-Moderate

Health: 2

Fire: 2

Reactivity: 0

Date Prepared

05/22/03

Signature of Preparer (optional)

Section II - Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical
Identity; Common Name(s))

CAS No.

OSHA
PEL

ACGIH
TLV

Other Limits
Recommended

%
(optional)

Para Dichlorobenzene*

106-46-7

75ppm

10ppm

99.65

[(1,4-Dichlorobenzene), PDCB]

8Hr TWA

110ppm

(ACGIH-STEL)

DOT Hazard Class / ID No / Packaging Group 9/UN3077/III

*This product contains Para Dichlorobenzene which is defined as a toxic chemical and subject to the reporting requirements of 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372. California Prop 65 listed chemical.

Section III - Physical/Chemical Characteristics

Boiling Point

345.2°F/174°C

Specific Gravity (H₂O = 1)@55°F/4°C

1.245-1.250

Vapor Pressure (mmHg) @ 25°C

0.92

Melting Point

127°F/53°C

Vapor Density (AIR = 1)

5.1

Evaporation Rate
(Butyl Acetate = 1)

N/A

Solubility in Water

pH

N/A

@25°C, % by Wt 0.008

Total VOC

N/A

Appearance and Odor

White block with penetrating "mothball" odor.

Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used)

148°F (TCC)

Flammable Limits

% by Vol.

LEL

N/E

UEL

N/E

Extinguishing Media

Water spray, foam, CO₂, dry chemical, or any Class B extinguishing agent.

Special Fire Fighting Procedures

Wear full protective clothing and NIOSH/MSHA approved self-contained breathing apparatus where exposure to vapors is possible.

Unusual Fire and Explosion Hazards

Highly toxic gases (Hydrogen Chloride, Chlorine, and traces of Phosgene) can be evolved in fires of this product.

Section V - Reactivity Data

Stability

Unstable

Stable

X

Conditions to Avoid

Keep away from open flame and sparks.

Incompatibility (Materials to Avoid)

Strong oxidizers, oxidizing agents, hot aluminum or aluminum alloys.

Hazardous Decomposition or Byproducts

Carbon Monoxide, Carbon Dioxide, smoke, soot, Hydrogen Chloride and Phosgene

Hazardous

May Occur

Conditions to Avoid

None

Polymerization

Will Not Occur

X

Section VI - Health Hazard Data

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

Health Hazards (Acute and Chronic)

Inhalation and ingestion of PSCE at concentrations well above per can cause depression of the nervous system. Vapor may cause irritation of skin and eyes and has been known to cause liver damage in rats and rabbits.

Carcinogenicity:	NTP?	IARC Monographs?	OSHA Regulated?
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PDCB has been listed by the NTP as a substance that is "reasonably anticipated to be" carcinogenic. IARC has been classified as "possibly carcinogenic to humans". It is also listed carcinogen under California Prop. 65.

Signs and Symptoms of Exposure

Headache; dizziness; eyes, nose and throat irritation; nausea; feeling of drunkenness; cardiac sensitization if concentration above TLC.

Medical Conditions Generally Aggravated by Exposure

Asthma or other respiratory disorders; blood, liver and kidney disorders.

Emergency and First Aid Procedure

Eyes: Flush with plenty of water for at least 15 minutes; get medical attention.

Skin: Flush affected area with plenty of water for at least 15 minutes; if irritation develops, get medical attention.

Inhalation: Remove person to fresh air; give artificial respiration if breathing has stopped; get medical attention.

Ingestion: Do not induce vomiting; get medical attention.

Section VII - Precautions for Safe Handling and Use

Steps to be Taken in Case Material is Released or Spilled

Scoop up and put in container.

Waste Disposal Method

Material should be burned in an approved incinerator or disposed of in an approved dump in accordance with local, state and federal regulations.

Precautions to be Taken in Handling and Storage

Store away from heat and open flame. Avoid excessive inhalation and contact with skin and eyes.

Other Precautions

N/A

Section VIII - Control Measures

Respiratory Protection (Specify Type)

N/A

Ventilation	Local Exhaust	Well ventilated	Special	N/A
	Mechanical(General)	N/A	Other	N/A

Protective Gloves

None

Eye Protection

Do not rub eyes with contaminated hands.

Other Protective Clothing or Equipment

Eye wash/shower facility nearby.

Work/Hygienic Practices

Good housekeeping practices. Avoid skin/eye contact. Wash thoroughly with soap and water after coming in contact with product.

N/A=Not Applicable - N/E=Not Established - N/D=Not Determined - <=Less Than - >=More Than