



Material Safety Data Sheet

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Responsible Party: Roger Williams

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EMERGENCY OVERVIEW - This material is irritating to eyes, mucous membranes and respiratory tract.

SECTION 1 - IDENTIFICATION

Common Name: Benzyl Benzoate **Formula:** C₁₄H₁₂O₂

Synonym: Benzoic acid, benzyl ester

Chemical Name: Benzoic acid, phenylmethyl ester

CAS Number: 120-51-4 **RTECS Number:** DG4200000

Chemical Family: An Ester

Therapeutic Category: Scabicide; pediculicide

| <u>Principle Components</u> | <u>Percent</u> | <u>Exposure Limits</u> |
|-----------------------------|----------------|------------------------|
| Benzyl Benzoate | Pure Material | n/f |

SECTION 3 - HEALTH HAZARD INFORMATION

Usual Adult Dose: The usual adult dose of benzyl benzoate (as a 25% lotion) is a single application to all skin from the neck down.

Adverse Effects: Adverse effects from ingestion may include a sharp, burning taste, progressive incoordination, excitation, and convulsions. Possible allergic reaction to material if inhaled, ingested or in contact with skin.

Overdose Effects: n/f

Acute: Eye, skin, gastrointestinal and/or respiratory tract irritation.

BENZYL BENZOATE

Catalog Number: 1062008

Package Size: 5 g

Revision Date: September 17, 2001

Chronic: Possible hypersensitization, confusion, lack of muscle coordination, seizures, toxic hepatitis and coma.

Inhalation: Causes irritation. Avoid inhalation. Remove to fresh air.

Eye: Causes irritation. Avoid.

Medical Conditions Aggravated by Exposure: Hypersensitivity to material, dermatitis, and cuts or sores on skin or scalp.

Cross Sensitivity: n/f

Pregnancy Comments: There have been no well-controlled pregnancy studies with benzyl benzoate in humans, but limited animal studies have not shown that this material has adverse effects on the fetus.

Pregnancy Category: n/f

Overdose Treatment: Treat overdose symptomatically. If ingested, perform gastric lavage as soon as possible.

Oral Rat: LD50: 1700 mg/kg

Oral Mouse: LD50: 1400 mg/kg

Target Organ(s): Central nervous system.

NTP: No **IARC:** No **OSHA:** No

Other: No

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