



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:	C ₁₄ H ₁₂ O ₂
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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