

**Material Safety Data Sheet: Ear Relief Dry**

Supersedes Date Not applicable

Issuing Date 08/26/2009

**1. PRODUCT AND COMPANY IDENTIFICATION**

**Product Name** Ear Relief Dry  
**Recommended Use** Skin-care  
**Information on Manufacturer**  
 THE BRAMTON COMPANY, LLC.  
 P.O. BOX 655450  
 DALLAS, TX 75265

**Product Code** B59C  
**Chemical Nature** Alcoholic solution  
**Emergency Telephone Number**  
 CHEMTREC® 800-424-9300

**2. HAZARDS IDENTIFICATION**

**Emergency Overview**

Warning  
 May cause skin irritation  
 Causes eye irritation  
 May be harmful if inhaled  
 May be harmful if swallowed

**Color** White

**Physical State** Liquid

**Odor** Pleasant

**Potential Health Effects**

**Principle Route of Exposure**

Skin contact, Eye contact, Inhalation.

**Primary Routes of Entry**

Ingestion, Inhalation.

**Acute Effects**

**Eyes**

Causes eye irritation.

**Skin**

May cause skin irritation.

**Inhalation**

May cause irritation of respiratory tract. May cause central nervous system depression. Symptoms and signs include headache, dizziness, fatigue, muscular weakness, drowsiness and in extreme cases, loss of consciousness.

**Ingestion**

Ingestion may cause gastrointestinal irritation, nausea, vomiting, and diarrhea. May cause central nervous system depression with nausea, headache, dizziness, vomiting, and incoordination.

**Chronic Toxicity**

Liver and kidney injuries may occur

**Target Organ Effects**

Blood, Central nervous system, Liver, Reproductive System, Respiratory system, Skin, Kidney, Eyes.

**Aggravated Medical Conditions**

Skin disorders, Respiratory disorders, Liver disorders, Neurological disorders, Blood disorders, Kidney disorders.

**Potential Environmental Effects**

See Section 12 for additional Ecological information.

**3. COMPOSITION / INFORMATION ON INGREDIENTS**

Component	CAS-No
Boric acid	10043-35-3
Silica, amorphous, fumed, crystalline-free	112945-52-5
Propylene Glycol	57-55-6
Ethyl alcohol	64-17-5
Witch hazel extract	68916-39-2
Polysorbate 60	9005-67-8

**4. FIRST AID MEASURES**

**General Advice**

Avoid contact with eyes. Avoid breathing vapors, mist, or gas.

**Eye Contact**

Rinse thoroughly with plenty of water, also under the eyelids. Get medical attention if irritation develops and persists.

**Skin Contact**

Wipe up with absorbent material (e.g. cloth, fleece). Wash off with soap and plenty of water. Get medical attention if irritation develops and persists. Wash contaminated clothing before re-use.

**Inhalation**

If inhaled, remove to fresh air. Get medical attention if symptoms occur.

**Ingestion**

Drink 1 or 2 glasses of water. Do NOT induce vomiting. Get medical attention if symptoms occur.

**Notes to Physician**

Treat symptomatically.

**5. FIRE-FIGHTING MEASURES**

**Flash Point** 293°F/145°C

**Method**

Closed cup

**Autoignition Temperature** No information available.

**Flammability Limits in Air** % Mixture.

**Upper** 19

**Lower** 3.3

**Suitable Extinguishing Media**

Water spray. Carbon dioxide (CO2). Foam. Alcohol-resistant foam. Dry chemical. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Specific Hazards Arising from the Chemical**

Material can create slippery conditions. Solvent vapors are heavier than air and may spread along floors. Vapors may ignite and explode.

**Protective Equipment and Precautions for Firefighters**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

NFPA	Health 1	Flammability 1	Instability 0
HMIS	Health 1	Flammability 1	Instability 0

## 6. ACCIDENTAL RELEASE MEASURES

<b>Personal Precautions</b>	Use personal protective equipment. Prevent further leakage or spillage if safe to do so. Material can create slippery conditions.
<b>Environmental Precautions</b>	Do not flush into surface water or sanitary sewer system.
<b>Methods for Containment</b>	Contain spillage, soak up with non-combustible absorbent material. (e.g. sand, earth, diatomaceous earth, vermiculite) and transfer to a container for disposal according to local / national regulations (see section 13).
<b>Methods for Cleaning Up</b>	Pick up and transfer to properly labeled containers.
<b>Neutralizing Agent</b>	Not applicable.

## 7. HANDLING AND STORAGE

<b>Handling</b>	Avoid contact with eyes. Avoid breathing vapors, mist or gas.			
<b>Storage</b>	Store in original container. Keep containers tightly closed in a dry, cool and well-ventilated place. Keep away from open flames, hot surfaces and sources of ignition.			
<b>Storage Temperature</b>	<b>Minimum</b>	35°F/2°C	<b>Maximum</b>	120°F/49°C
<b>Storage Conditions</b>	<b>Indoor</b>	X	<b>Outdoor</b>	
			<b>Heated</b>	
				<b>Refrigerated</b>

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

## Exposure Guidelines

Component	ACGIH TLV	OSHA PEL	NIOSH
Boric acid	STEL: 6 mg/m <sup>3</sup> TWA: 2 mg/m <sup>3</sup>	No data available	No data available
Silica, amorphous, fumed, crystalline-free	No data available	No data available	No data available
Propylene Glycol	No data available	No data available	No data available
Ethyl alcohol	STEL: 1000 ppm	TWA: 1000 ppm TWA: 1900 mg/m <sup>3</sup>	IDLH: 3300 ppm TWA: 1000 ppm TWA: 1900 mg/m <sup>3</sup>
Witch hazel extract	No data available	No data available	No data available
Polysorbate 60	No data available	No data available	No data available

<b>Engineering Measures</b>	Ensure adequate ventilation, especially in confined areas.
<b>Personal Protective Equipment</b>	
<b>Eye/Face Protection</b>	Not required under normal use.
<b>Skin Protection</b>	Not required under normal use, For prolonged or repeated contact, use protective gloves.
<b>Respiratory Protection</b>	When workers are facing concentrations above the exposure limit they must use appropriate certified respirators. In case of insufficient ventilation wear suitable respiratory equipment.
<b>General Hygiene Considerations</b>	Ensure that eyewash stations and safety showers are close to the workstation location. Remove and wash contaminated clothing before re-use.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical State</b>	Liquid	<b>Viscosity</b>	Viscous
<b>Color</b>	White	<b>Odor</b>	Pleasant
<b>Appearance</b>	Opaque	<b>pH</b>	2.8
<b>Specific Gravity</b>	1.04	<b>Evaporation Rate</b>	<1 (Butyl acetate=1)
<b>Percent Volatile (Volume)</b>	No information available	<b>VOC Content (%)</b>	16.4
<b>VOC Content (g/l)</b>	170.6	<b>Vapor Pressure</b>	>1 mmHg @ 70 °F
<b>Vapor Density</b>	>1 (Air = 1.0)	<b>Solubility</b>	Completely soluble
<b>Boiling Point/Range</b>	No data available		

## 10. STABILITY AND REACTIVITY

<b>Chemical Stability</b>	Stable. Hazardous polymerization does not occur.
<b>Conditions to Avoid</b>	Keep away from open flames, hot surfaces, and sources of ignition.
<b>Incompatible Products</b>	Strong oxidizing agents, Acids, Bases.
<b>Hazardous Decomposition Products</b>	Carbon oxides
<b>Possibility of Hazardous Reactions</b>	None under normal processing.

## 11. TOXICOLOGICAL INFORMATION

<b>Product Information</b>	No information available.
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## Component Information

## Acute toxicity

Component	LD50 Oral	LD50 Dermal	LC50 Inhalation	Draize Test	Other
Boric acid	2660 mg/kg ( Rat )	2000 mg/kg ( Rabbit )	0.16 mg/L ( Rat ) 4 h	no data available	no data available

Silica, amorphous, fumed, crystalline-free	3160 mg/kg ( Rat )	no data available	no data available	no data available	no data available
Propylene Glycol	20000 mg/kg ( Rat )	20800 mg/kg ( Rabbit )	no data available	no data available	no data available
Ethyl alcohol	7060 mg/kg ( Rat )	no data available	no data available	no data available	no data available
Witch hazel extract	no data available	no data available	no data available	no data available	no data available
Polysorbate 60	60 mL/kg ( Rat )	no data available	no data available	no data available	no data available

**Chronic Toxicity**

Component	Mutagenicity	Sensitization	Developmental Toxicity	Reproductive Toxicity	Target Organ Effects
Boric acid	no data available	no data available	no data available	no data available	no data available
Silica, amorphous, fumed, crystalline-free	no data available	no data available	no data available	no data available	no data available
Propylene Glycol	no data available	no data available	no data available	no data available	CNS, liver, kidney
Ethyl alcohol	no data available	no data available	no data available	no data available	respiratory system, skin, eyes, CNS, liver, blood, reproductive system
Witch hazel extract	no data available	no data available	no data available	no data available	no data available
Polysorbate 60	no data available	no data available	no data available	no data available	no data available

**Carcinogenicity**

The table below indicates whether each agency has listed any ingredient as a carcinogen

Component	ACGIH	IARC	NTP	OSHA	Other
Boric acid	not applicable	not applicable	not applicable	not applicable	not applicable
Silica, amorphous, fumed, crystalline-free	not applicable	not applicable	not applicable	not applicable	not applicable
Propylene Glycol	not applicable	not applicable	not applicable	not applicable	not applicable
Ethyl alcohol	A3	Group 1	Known	X	not applicable
Witch hazel extract	not applicable	not applicable	not applicable	not applicable	not applicable
Polysorbate 60	not applicable	not applicable	not applicable	not applicable	not applicable

**12. ECOLOGICAL INFORMATION****Product Information**

No information available.

**Component Information**

Component	Toxicity to Algae	Toxicity to Fish	Microtox	Water Flea	log Pow
Boric acid	no data available	72 Hr LC50 Carassius auratus: 1020 mg/L [flow-through]	no data available	48 Hr EC50 water flea: 115.0 mg/L [Static]; 48 Hr EC50 Daphnia magna: 658-875 mg/L	-0.757
Silica, amorphous, fumed, crystalline-free	no data available	no data available	no data available	no data available	N/A
Propylene Glycol	96 Hr EC50 Selenastrum capricornutum: 19000 mg/L	96 Hr LC50 Oncorhynchus mykiss: 51600 mg/L [static]; 96 Hr LC50 Oncorhynchus mykiss: 41-47 ml/L [static]; 96 Hr LC50 Pimephales promelas: 51400 mg/L [static]; 96 Hr LC50 Pimephales promelas: 710 mg/L	EC50 = 710 mg/L 30 min	48 Hr EC50 water flea: >10000 mg/L	N/A
Ethyl alcohol	no data available	96 Hr LC50 Oncorhynchus mykiss: 12.0-16.0 ml/L [static]; 96 Hr LC50 Pimephales promelas: >100 mg/L [static]; 96 Hr LC50 Pimephales promelas: 13400-15100 mg/L [flow-through]	EC50 = 34634 mg/L 30 min EC50 = 35470 mg/L 5 min	48 Hr LC50 Daphnia magna: 9268 mg/L; 24 Hr EC50 Daphnia magna: 10800 mg/L	-0.32
Witch hazel extract	no data available	no data available	no data available	no data available	N/A
Polysorbate 60	no data available	no data available	no data available	no data available	N/A

**Persistence and Degradability**

No information available.

**Bioaccumulation**

No information available.

**Mobility**

No information available.

**13. DISPOSAL CONSIDERATIONS****Product Disposal**

Dispose of in accordance with local regulations.

**Container Disposal**

Empty containers should be taken for local recycling, recovery or waste disposal.

**14. TRANSPORT INFORMATION**

DOT	Not regulated
TDG	Not regulated
ICAO	Not regulated
IATA	Not regulated
IMDG/IMO	Not regulated

## 15. REGULATORY INFORMATION

## Inventories

TSCA Complies  
 DSL Complies

## U.S. Federal Regulations

## SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40n of the Code of Federal Regulations, Part 372.

## SARA 311/312 Hazardous Categorization

Acute Health Hazard	Chronic Health Hazard	Fire Hazard	Sudden Release of Pressure Hazard	Reactive Hazard
Yes	Yes	No	No	No

## CERCLA

Component	Hazardous Substances RQs	CERCLA EHS RQs
Boric acid	Not applicable	Not applicable
Silica, amorphous, fumed, crystalline-free	Not applicable	Not applicable
Propylene Glycol	Not applicable	Not applicable
Ethyl alcohol	Not applicable	Not applicable
Witch hazel extract	Not applicable	Not applicable
Polysorbate 60	Not applicable	Not applicable

## U.S. State Regulations

## California Proposition 65

This product contains the following Proposition 65 chemicals

Component	CAS-No	California Prop. 65
Ethyl alcohol	64-17-5	carcinogen, initial date 7/1/88 (when associated with alcohol abuse) developmental toxicity, initial date 10/1/87 (when in alcoholic beverages)

## Canada

Not regulated

WHMIS Hazard Class

Not applicable

## 16. OTHER INFORMATION

Prepared By Mike McDowell  
 Supersedes Date Not applicable  
 Issuing Date 08/26/2009  
 Reason for Revision No information available.  
 Glossary No information available.  
 List of References. No information available.

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