



## MATERIAL SAFETY DATA SHEET

### SECTION 1 - CHEMICAL PRODUCT & COMPANY IDENTIFICATION

Pfizer Consumer Healthcare  
Pfizer Inc  
201 Tabor Road  
Morris Plains, New Jersey 07950

**Emergency telephone** (973) 385-2000  
**Hours of operation** 24 hours

**Product name** Benadryl Itch Stopping Cream, Original Strength and Extra Strength  
**Therapeutic use** Topical analgesic and anti-itch medicine  
**Description** White homogenous cream with characteristic odor

### SECTION 2 - COMPOSITION/INFORMATION ON INGREDIENTS

<u>Ingredient</u>	<u>CAS Number</u>	<u>Amount</u>
Water, purified	7732-18-5	Proprietary
Cetyl alcohol*	36653-82-4	Proprietary
PEG-1000 stearate	9004-99-3	Proprietary
Propylene glycol	57-55-6	Proprietary
Germaben® II	Not assigned	Proprietary
Diphenhydramine hydrochloride*	147-24-0	1.0-2.0%
Zinc acetate dihydrate*	5970-45-6	<1.0%

\*Hazardous

**Note:** Ingredient(s) indicated as hazardous have been assessed under standards for workplace safety.

### SECTION 3 - HAZARDS IDENTIFICATION

**Signal word** Not applicable

**Statements of hazard** Not applicable

**Eye effects** No data available.

**Skin effects** No data available.

**Inhalation effects** No data available. An Occupational Exposure Limit has been established for one or more of the ingredients (see Section 8).

**Ingestion effects** No data available.

**Additional data** For a more detailed discussion of potential health hazards and toxicity see Section 11.

### SECTION 3 - HAZARDS IDENTIFICATION ... continued

**NOTE:** This document has been prepared in accordance with standards for workplace safety, which require the inclusion of all known hazards of the product or its ingredients regardless of the potential risk. The precautionary statements and warnings included may not apply in all cases. Your needs may vary depending upon the potential for exposure in your workplace.

### SECTION 4 - FIRST AID MEASURES

<b>Eyes</b>	Immediately flush eyes with water for at least 15 minutes. If irritation occurs or persists, get medical attention.
<b>Skin</b>	Wash exposed area with soap and water, remove contaminated clothing and obtain medical assistance if irritation occurs.
<b>Inhalation</b>	Remove to fresh air. If discomfort persists, get medical attention.
<b>Ingestion</b>	In the event of swallowing this material, dilute with large quantities of water or milk. Medical treatment should be supportive and symptomatic.

### SECTION 5 - FIRE FIGHTING MEASURES

<b>Fire fighting instructions</b>	Wear approved positive pressure, self-contained breathing apparatus and full protective turn out gear.
<b>Extinguishing media</b>	Use carbon dioxide, dry chemical, or water spray.
<b>Flash point</b>	>61°C

### SECTION 6 - ACCIDENTAL RELEASE MEASURES

<b>General</b>	Review Sections 3, 8 and 12 before proceeding with clean up.
<b>Small spill</b>	Use absorbant material to wipe up spill and place in a sealed container for disposal. Clean spill area thoroughly.
<b>Large spill</b>	Contain the source of the spill or leak if it is safe to do so. Collect spill with a non-combustible absorbent material and transfer to labeled container for disposal. Clean spill area thoroughly.

### SECTION 7 - HANDLING AND STORAGE

<b>General handling</b>	Avoid contact with eyes. Avoid contact with skin and clothing. Avoid breathing dust, vapor or mist.
<b>Storage conditions</b>	Keep in tightly closed containers away from heat and light.

## SECTION 7 - HANDLING AND STORAGE ... continued

Temperature range for storage	No data available
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## SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

### Exposure limits

<u>Compound</u>	<u>Issuer</u>	<u>Type</u>	<u>OEL</u>
Propylene Glycol	AIHA-WEEL	TWA-8 Hr	50 ppm (total)
	AIHA-WEEL	TWA-8 Hr	10 mg/m <sup>3</sup> (aerosol)
	UK OES	TWA-8 Hr	150 ppm (vapor and particulates)
Diphenhydramine hydrochloride	Pfizer	TWA-8 Hr	0.05 mg/m <sup>3</sup> (as Diphenhydramine)

Exposure information	The exposure limit(s) listed for solid components are only relevant if dust may be generated.
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Ventilation	Good general ventilation should be sufficient to control airborne levels.
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Eye protection	Glasses or goggles are recommended if eye contact is possible.
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Skin protection	Wear protective clothing when working with large quantities.
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Hand protection	Wear gloves when working with large quantities.
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Respiratory protection	Respirators are not required for normal use of this material. If the applicable Occupational Exposure Limits (OELs) is exceeded, wear an appropriate respirator with a protection factor sufficient to control exposures to below the OEL.
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## SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Physical form	Homogenous cream
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Color	White
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Odor	Characteristic odor
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Molecular weight	Mixture
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Molecular formula	Mixture
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pH	5.5 at 20°C
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Water solubility	Soluble
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Solvent solubility	No data available
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## SECTION 10 - STABILITY AND REACTIVITY

Reactivity	Stable
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## SECTION 10 - STABILITY AND REACTIVITY ... continued

<b>Conditions to avoid</b>	Avoid direct sunlight, conditions that might generate heat, and sources of ignition.
<b>Incompatibilities</b>	None known
<b>Hazardous decomposition products</b>	None known
<b>Hazardous polymerization</b>	No data available

## SECTION 11 - TOXICOLOGY INFORMATION

### Acute toxicity

<u>Compound</u>	<u>Type</u>	<u>Route</u>	<u>Species</u>	<u>Dosage</u>
Cetyl alcohol	LD <sub>50</sub>	Oral	Mouse	3200 mg/kg
Propylene glycol	LD <sub>50</sub>	Oral	Mouse	30,000 mg/kg
	LD <sub>50</sub>	Oral	Rabbit	18,000 mg/kg
	LD <sub>50</sub>	Oral	Rat	>24,000 mg/kg
	LD <sub>50</sub>	Oral	Rat	500 mg/kg
Diphenhydramine hydrochloride	LD <sub>50</sub>	Oral	Mouse	114 mg/kg
	LD <sub>50</sub>	Oral	Guinea Pig	284 mg/kg
	LDmin.	Oral	Human	10.1 mg/kg
	LD <sub>50</sub>	IV	Dog	24 mg/kg
	LD <sub>50</sub>	IV	Hamster	10 mg/kg
	LD <sub>50</sub>	IV	Mouse	20 mg/kg
	LD <sub>50</sub>	Oral	Rat	794 mg/kg
Zinc acetate dihydrate	LD <sub>50</sub>	Oral	Mouse	287 mg/kg

**Eye** Not determined for this product.

**Skin** Not determined for this product.

**Inhalation** Not determined for this product.

**Ingestion** Not determined for this product.

**Mutagenicity** Not determined for this product.

**Subchronic effects** Not determined for this product.

**Chronic effects/  
carcinogenicity** Not determined for this product.

**Carcinogen status** None of the components of this formulation is listed as a carcinogen by IARC, NTP or OSHA.

**Reproductive effects** Not determined for this product

**Teratogenicity** Not determined for this product.

## **SECTION 11 - TOXICOLOGY INFORMATION ... continued**

**Additional information**      There are no data available on the toxicological properties of this material.

## **SECTION 12 - ECOLOGICAL INFORMATION**

**Environmental overview**      The environmental characteristics of this material have not been fully evaluated. Releases to the environment should be avoided. See aquatic toxicity data for individual components below:

## **SECTION 13 - DISPOSAL INFORMATION**

**Disposal procedure**      Observe all local and national regulations when disposing of this material.

## **SECTION 14 - TRANSPORTATION INFORMATION**

**General shipping instructions**      Not regulated for transport under USDOT, EUADR, IATA, or IMDG regulations.

## **SECTION 15 - REGULATORY INFORMATION**

**EU Classification**      Not classified

**Canadian WHMIS**      This product has been classified in accordance with the hazard criteria of the CPR and the MSDS contains all of the information required by the CPR.

## **SECTION 16 - OTHER**

**Disclaimer**      The information contained in this Material Safety Data Sheet is believed to be accurate, and while it is provided in good faith, it is without a warranty of any kind, express or implied.