

## SAFETY DATA SHEET



### \* 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

<b>Material</b>	ZEASORB AF POWDER										
<b>Synonym(s)</b>	ZEASORB ANTI-FUNGAL POWDER * MICONAZOLE NITRATE TOPICAL POWDER * ZEASORB-AF SUPER ABSORBANT ANTIFUNGAL POWDER (ATHLETE'S FOOT) * ZEASORB-AF SUPER ABSORBANT ANTIFUNGAL POWDER (JOCK ITCH) * ZEASORB-AF SUPER ABSORBANT ANTIFUNGAL POWDER (MICONAZOLE NITRATE 2%) * FORMULATION CODE MF1048; 445A * STIEFEL PRODUCT * MICONAZOLE NITRATE AND ALUMINUM DIHYDROXYALLANTOINATE, FORMULATED PRODUCT										
<b>Recommended Use</b>	Cosmetic Product										
<b>Note</b>	This safety data sheet is written to provide health, safety and environmental information for people handling this formulated product in the workplace. It is not intended to provide information relevant to medicinal use of the product. In this instance patients should consult prescribing information/package insert/product label or consult their pharmacist or physician. For health and safety information for individual ingredients used during manufacturing, refer to the appropriate safety data sheet for each ingredient.										
<b>Company Name</b>	<p>Stiefel Laboratories, Inc. (a GSK company) GlaxoSmithKline UK 980 Great West Road Brentford, Middlesex TW8 9GS UK UK General Information (normal business hours): +44-20-8047-5000</p> <p>GlaxoSmithKline US 5 Moore Drive Research Triangle Park, NC 27709 USA US General Information (normal business hours): +1-888-825-5249</p> <p>Email Address: <a href="mailto:msds@gsk.com">msds@gsk.com</a> Website: <a href="http://www.gsk.com">www.gsk.com</a></p> <p>EMERGENCY PHONE NUMBERS -</p> <p>TRANSPORT EMERGENCIES (by country / geographic region):</p> <table border="0" style="width: 100%;"> <tr> <td>Africa / EU / Israel / Middle East (English / European languages):</td> <td style="text-align: right;">+44 (0) 1235 239 670</td> </tr> <tr> <td>Asia Pacific (except China):</td> <td style="text-align: right;">+65 3158 1074</td> </tr> <tr> <td>China:</td> <td style="text-align: right;">+86 10 5100 3039</td> </tr> <tr> <td>Middle East / Africa (Arabic-speaking countries):</td> <td style="text-align: right;">+44 (0) 1235 239 671</td> </tr> <tr> <td>US:</td> <td style="text-align: right;">+1 703 527 3887</td> </tr> </table> <p>available 24 hrs/7 days; multi-language response</p> <p>MEDICAL EMERGENCIES: <span style="float: right;">+1 612 221 3999, Ext 221</span> available 24 hrs/7 days; multi-language response</p>	Africa / EU / Israel / Middle East (English / European languages):	+44 (0) 1235 239 670	Asia Pacific (except China):	+65 3158 1074	China:	+86 10 5100 3039	Middle East / Africa (Arabic-speaking countries):	+44 (0) 1235 239 671	US:	+1 703 527 3887
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### 2. HAZARDS IDENTIFICATION

#### Fire and Explosion Hazards

Assume that this material is capable of producing a dust explosion if ignited as a dust cloud.  
Assume that this material is capable of being ignited by an electrostatic discharge.  
Assume that this material is capable of sustaining combustion.

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<b>Health</b>	May cause transient eye irritation. Health effects information is based on hazards of components. Exposure might occur via inhalation; ingestion; skin; eyes.
<b>Environment</b>	No information is available about the potential of this product to produce adverse environmental effects.

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

Ingredients	CAS #	Percent	EC-No.
ALUMINUM DIHYDROXYALLANTOINATE	5579-81-7	0.22	226-964-4
CHLOROXYLENOL	1321-23-9	0.6	215-316-6
MICONAZOLE NITRATE	22832-87-7	2.0	245-256-6
Other components below reportable levels		>97.0	

### 4. FIRST-AID MEASURES

<b>Ingestion</b>	Never attempt to induce vomiting. Do not attempt to give any solid or liquid by mouth if the exposed subject is unconscious or semi-conscious. Wash out the mouth with water. If the exposed subject is fully conscious, give plenty of water to drink. Obtain medical attention.
<b>Inhalation</b>	Using appropriate personal protective equipment, move exposed subject to fresh air. If breathing is difficult or ceases, ensure and maintain ventilation. Give oxygen as appropriate. The exposed subject should be kept warm and at rest. Obtain medical attention in cases of known or possible over exposure, or with symptoms including chest pain, difficulty breathing, loss of consciousness or other adverse effects, which may be delayed.
<b>Skin contact</b>	Using appropriate personal protective equipment, remove contaminated clothing and flush exposed area with large amounts of water. Obtain medical attention if skin reaction occurs, which may be immediate or delayed.
<b>Eye contact</b>	Wash immediately with clean and gently flowing water. Continue for at least 15 minutes. Obtain medical attention.

### NOTES TO HEALTH PROFESSIONALS

<b>Medical Treatment</b>	Treat according to locally accepted protocols. For additional guidance, refer to the current prescribing information or to the local poison control information centre.
<b>Medical Conditions Caused or Aggravated by Exposure</b>	None for occupational exposure.
<b>Health Surveillance Procedures</b>	Pre-placement and periodic health surveillance is not usually indicated. The final determination of the need for health surveillance should be determined by local risk assessment.
<b>Antidotes</b>	No specific antidotes are recommended.

### 5. FIRE-FIGHTING MEASURES

<b>Fire and Explosion Hazards</b>	The combustibility of the product is not known, however the packaging is combustible.
<b>Extinguishing Media</b>	Water or foam extinguishers are recommended. Carbon dioxide or dry powder extinguishers may be ineffective.
<b>Special Firefighting Procedures</b>	For single units (packages): No special requirements needed. For larger amounts (multiple packages/pallets) of product: Since toxic, corrosive or flammable vapours might be evolved from fires involving this product and associated packaging, self contained breathing apparatus and full protective equipment are recommended for firefighters. If possible, contain and collect firefighting water for later disposal.
<b>Hazardous Combustion Products</b>	Toxic, corrosive or flammable thermal decomposition products are expected when the product is exposed to fire.

### 6. ACCIDENTAL RELEASE MEASURES

<b>Personal Precautions</b>	Wear protective clothing and equipment consistent with the degree of hazard.
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<b>Environmental Precautions</b>	For large spills, take precautions to prevent entry into waterways, sewers, or surface drainage systems.
<b>Clean-up Methods</b>	Collect and place it in a suitable, properly labelled container for recovery or disposal.
<b>Decontamination Procedures</b>	No specific decontamination or detoxification procedures have been identified for this product.

## 7. HANDLING AND STORAGE

### HANDLING

<b>General Requirements</b>	No special control measures required for the normal handling of this product. Normal room ventilation is expected to be adequate for routine handling of this product.
<b>STORAGE</b>	No storage requirements necessary for occupational hazards. Follow product information storage instructions to maintain efficacy.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### OCCUPATIONAL EXPOSURE LIMITS

<b>INGREDIENT</b>	MICONAZOLE NITRATE
<b>GSK Occupational Hazard Category</b>	2
<b>Other Equipment or Procedures</b>	None required for normal handling. Wash hands and arms thoroughly after handling.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Appearance

<b>Physical Form</b>	Powder.
<b>Dust Electrostatic Properties</b>	
<b>Minimum Ignition Energy (Cloud)</b>	No studies have been conducted.
<b>Dust Explosion Properties</b>	
<b>St Class</b>	No studies have been conducted.
<b>Train Fire</b>	No studies have been conducted.

## 10. STABILITY AND REACTIVITY

<b>Stability</b>	This product is expected to be stable.
<b>Conditions to Avoid</b>	None for normal handling of this product.

## 11. TOXICOLOGY INFORMATION

<b>Pharmacological Effects</b>	This product contains active ingredient(s) with the following activity: an antifungal agent.
<b>Target Organ Effects</b>	No specific target organ effects have been identified.
<b>Routes of Exposure</b>	
<b>Oral Toxicity</b>	Non-toxic following ingestion.
<b>Inhalation Toxicity</b>	No studies have been conducted.
<b>Skin Effects</b>	Irritation is not expected following direct contact.
<b>Eye Effects</b>	Minor irritation might occur following direct contact with eyes. Assessment based on the physico-chemical properties of this material
<b>Sensitisation</b>	Sensitisation (allergic skin reaction) is not expected.
<b>Genetic Toxicity</b>	Not expected to be genotoxic, based on effects of individual components.
<b>Carcinogenicity</b>	No components are listed as carcinogens by GSK, IARC, NTP or US OSHA.
<b>Reproductive Effects</b>	Not expected to produce adverse effects on fertility or development under occupational exposure conditions.
<b>Other Adverse Effects</b>	None known for occupational exposure.

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**12. ECOLOGICAL INFORMATION**

**Summary** No information is available about the potential of this product to produce adverse environmental effects. Local regulations and procedures should be consulted prior to environmental release.

**13. DISPOSAL CONSIDERATIONS**

**Disposal Recommendations** Collect for recycling or recovery if possible. The disposal method for rejected products/returned goods must ensure that they cannot be re-sold or re-used.

**Regulatory Requirements** Observe all local and national regulations when disposing of this product.

**14. TRANSPORT INFORMATION**

The SDS should accompany all shipments for reference in the event of spillage or accidental release. Only authorised persons trained and competent in accordance with appropriate national and international regulatory requirements may prepare dangerous goods for transport.

**UN Classification and Labelling**

**Transport Information** Not regulated in transport.

**15. REGULATORY INFORMATION**

The information included below is an overview of the major regulatory requirements. It should not be considered to be an exhaustive summary. Local regulations should be consulted for additional requirements.

**EU Classification and Labelling**

Exempt from requirements of EU Dangerous Preparations directive - product regulated as a medicinal product, cosmetic product or medical device.

**US OSHA Standard (29 CFR Part 1910.1200)**

**Classification** This product is exempt from the requirements of the OSHA Hazard Communication Standard.

**Other US Regulations**

**TSCA Status** Exempt

**16. OTHER INFORMATION**

**References** GSK Hazard Determination

**SDS Version Number** 2

**SDS Sections Updated**

Sections	Subsections
IDENTIFICATION OF SUBSTANCE / PREPARATION AND OF COMPANY	

The information and recommendations in this safety data sheet are, to the best of our knowledge, accurate as of the date of issue. Nothing herein shall be deemed to create any warranty, express or implied. It is the responsibility of the user to determine the applicability of this information and the suitability of the material or product for any particular purpose.