

GLAXO -- BECONASE  
MATERIAL SAFETY DATA SHEET  
NSN: 650500N043729  
Manufacturer's CAGE: 34006  
Part No. Indicator: A  
Part Number/Trade Name: BECONASE

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General Information

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Company's Name: GLAXO INC  
Company's Street: FIVE MOORE DR  
Company's City: RESEARCH TRAINGLE PARK  
Company's State: NC  
Company's Country: US  
Company's Zip Code: 27709  
Company's Emerg Ph #: 919-248-2100; 919-248-2700  
Company's Info Ph #: 919-248-2100; 919-248-2700  
Record No. For Safety Entry: 001  
Tot Safety Entries This Stk#: 001  
Status: SMJ  
Date MSDS Prepared: 01OCT88  
Safety Data Review Date: 04OCT95  
MSDS Serial Number: BTGWZ  
Hazard Characteristic Code: N1

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Ingredients/Identity Information

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Proprietary: NO  
Ingredient: PREGNA-1-4-DIENE-3,20-DIONE, 9-CLORO-16-BETA-METHYL-11-BETA,  
17,21-TRIHYDROXY-, 17,21-DIPROPIONATE; (ING 2)  
Ingredient Sequence Number: 01  
Percent: 100  
NIOSH (RTECS) Number: TU3805000  
CAS Number: 5534-09-8  
OSHA PEL: N/K (FP N)  
ACGIH TLV: N/K (FP N)  
Other Recommended Limit: 0.006 MG/M3, S (MFR)

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Proprietary: NO  
Ingredient: ING 1: (BECLOMETHASONE DIPROPIONATE)  
Ingredient Sequence Number: 02  
NIOSH (RTECS) Number: 9999999ZZ  
OSHA PEL: NOT APPLICABLE  
ACGIH TLV: NOT APPLICABLE

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Proprietary: NO  
Ingredient: SUPP DATA: RETENTION W/SWELL, ABNORM FAT DEPOSITION, WT GAIN,  
INCR APPETITE, TENDENCY FOR CATARACT DEVEL, (ING 4)  
Ingredient Sequence Number: 03  
NIOSH (RTECS) Number: 9999999ZZ  
OSHA PEL: NOT APPLICABLE  
ACGIH TLV: NOT APPLICABLE

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Proprietary: NO  
Ingredient: ING 3: DIABETES, & LOWERING OF BODY'S RESISTANCE TO INFECTION.  
BECLOMETHASONE DIPROPIONATE HAS BEEN FOUND TO (ING 5)  
Ingredient Sequence Number: 04  
NIOSH (RTECS) Number: 9999999ZZ  
OSHA PEL: NOT APPLICABLE  
ACGIH TLV: NOT APPLICABLE

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Proprietary: NO  
Ingredient: ING 4: CAUSE BIRTH DEFECTS IN LAB ANIMALS INCL DEFECTS OF

PALATE, JAW & MOUTH. RELATIONSHIP OF THESE FINDINGS (ING 6)

Ingredient Sequence Number: 05  
NIOSH (RTECS) Number: 9999999ZZ  
OSHA PEL: NOT APPLICABLE  
ACGIH TLV: NOT APPLICABLE

Proprietary: NO

Ingredient: ING 5: TO HUMAN RISK IS NOT KNOWN. FOR THERAP USE DURING PREGNANCY, BENEFITS OF THERAPY SHOULD OUTWEIGH POTNTL (ING 7)

Ingredient Sequence Number: 06  
NIOSH (RTECS) Number: 9999999ZZ  
OSHA PEL: NOT APPLICABLE  
ACGIH TLV: NOT APPLICABLE

Proprietary: NO

Ingredient: ING 6: RISK TO FETUS. CHRONIC OVEREXP MAY CAUSE SKIN RASH, EASY BRUISING, OR SERIOUS ADRENAL SUPPRESSION W/OUT SYMPS.

Ingredient Sequence Number: 07  
NIOSH (RTECS) Number: 9999999ZZ  
OSHA PEL: NOT APPLICABLE  
ACGIH TLV: NOT APPLICABLE

Proprietary: NO

Ingredient: SPILL PROC: PROT & PROT CLTHG. COLLECT SPILLAGE BY CAREFULLY SWEEPING/VACUUMING W/HEPA FILTERED VACUUM & PLACE (ING 9)

Ingredient Sequence Number: 08  
NIOSH (RTECS) Number: 9999999ZZ  
OSHA PEL: NOT APPLICABLE  
ACGIH TLV: NOT APPLICABLE

Proprietary: NO

Ingredient: ING 8: IN LBLD, SEALED CONTR FOR REUSE/DISP. WASH AREA W/WATER AFTER VACUUMING.

Ingredient Sequence Number: 09  
NIOSH (RTECS) Number: 9999999ZZ  
OSHA PEL: NOT APPLICABLE  
ACGIH TLV: NOT APPLICABLE

Proprietary: NO

Ingredient: RESP PROT: FOR RESP PROT (ANSI Z88.2) & RESP EQUIP MFR SHOULD BE FOLLOWED. USE NIOSH/MSHA APPRVD RESP APPROP (ING 11)

Ingredient Sequence Number: 10  
NIOSH (RTECS) Number: 9999999ZZ  
OSHA PEL: NOT APPLICABLE  
ACGIH TLV: NOT APPLICABLE

Proprietary: NO

Ingredient: ING 10: FOR EXPOSURE OF CONCERN (FP N).

Ingredient Sequence Number: 11  
NIOSH (RTECS) Number: 9999999ZZ  
OSHA PEL: NOT APPLICABLE  
ACGIH TLV: NOT APPLICABLE

Proprietary: NO

Ingredient: HYGIENE PRACT: EXPOSED TO DUST SHOULD CHANGE CLOTHES AND SHOWER @ END OF WORK ASSIGNMENT.

Ingredient Sequence Number: 12  
NIOSH (RTECS) Number: 9999999ZZ  
OSHA PEL: NOT APPLICABLE  
ACGIH TLV: NOT APPLICABLE

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Physical/Chemical Characteristics  
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Appearance And Odor: A WHITE TO CREAMY WHITE POWDER; ODORLESS

Boiling Point: N/A  
Melting Point: 414F, 212C  
Vapor Pressure (MM Hg/70 F): N/A  
Vapor Density (Air=1): N/A  
Specific Gravity: N/A  
Evaporation Rate And Ref: NOT APPLICABLE  
Solubility In Water: VERY SLIGHTLY SOL

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#### Fire and Explosion Hazard Data

Flash Point: NOT APPLICABLE  
Extinguishing Media: WATER SPRAY, FOAM, MULTI-PURPOSE DRY CHEMICAL.  
Special Fire Fighting Proc: WEAR NIOSH/MSHA APPROVED SCBA AND FULL PROTECTIVE EQUIPMENT (FP N).  
Unusual Fire And Expl Hazrds: AS WITH ANY ORGANIC DUST, THERE IS POTENTIAL FOR EXPLOSION WHEN SUSPENDED IN AIR IN HIGH CONCENTRATIONS.

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#### Reactivity Data

Stability: YES  
Cond To Avoid (Stability): EXTREME HEAT; MATERIAL DECOMPOSES AT 414F.  
Materials To Avoid: NO KNOWN INCOMPATIBILITIES.  
Hazardous Decomp Products: THERMAL DECOMPOSITION PRODUCTS INCLUDE TOXIC AND CORROSIVE CHLORIDE VAPORS.  
Hazardous Poly Occur: NO  
Conditions To Avoid (Poly): NOT RELEVANT

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#### Health Hazard Data

LD50-LC50 Mixture: ORAL LD50 (RAT) IS >5 G/KG  
Route Of Entry - Inhalation: YES  
Route Of Entry - Skin: YES  
Route Of Entry - Ingestion: YES  
Health Haz Acute And Chronic: ACUTE: SKIN: RPTD SKIN CONT CAN RSLT IN "THINNING" OF SKIN W/INCR TENDENCY TO BRUISING. RPTD SKIN CONT CAN CAUSE INCR SUSCEPTIBILITY TO SOME SKIN INFECTIONS & MAY ALSO CAUSE RED SKIN RASH. INHAL: RARE CASES OF ALLERGIC RXN HAVE BEEN REPORTED IN INDIVIDUALS TAKING BECLOMETHASONE DIPROPIONATE BY INHALER(EFTS OF OVEREXP)  
Carcinogenicity - NTP: NO  
Carcinogenicity - IARC: NO  
Carcinogenicity - OSHA: NO  
Explanation Carcinogenicity: NOT RELEVANT  
Signs/Symptoms Of Overexp: HLTH HAZ: MEDICINALLY. THESE RXNS INCL RASHES, HIVES, CHEST TIGHTNESS, WHEEZING & SWELLING. BECLOMETHASONE DIPROPIONATE IS ABSORBED THRU ALL RTS OF EXPOS INCL SKIN, INGEST & INHAL. GENERALIZED SIDE EFTS MAY OCCUR AFTER PRLNGD LOW DOSE ABSORP INCL SUPPRESSION OF ADRENAL CORTEX, A SERIOUS MED CNDTN. RSLTS IN A (SUPP DATA)  
Med Cond Aggravated By Exp: NONE SPECIFIED BY MANUFACTURER.  
Emergency/First Aid Proc: EYES: FLUSH THORO W/LG AMTS OF WATER FOR @ LST 15 MIN. OBTAIN MED ATTN. SKIN: REMOVE CONTAMD CLTHG. THORO WASH ALL AFFECTED AREAS W/SOAP & WATER. OBTAIN MED ATTN. INHAL: REMOVE TO FRESH AIR. IF BRTHG IS DFCLT/CEASES, GIVE OXYGEN/CARDIOPULMONARY RESUSCITATION. KEEP WARM & @ REST. OBTAIN MED ATTN. INGEST: RINSE MOUTH, GIVE LG QTY OF WATER & ENCOURAGE VOMIT. OBTAIN MED ATTN.

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#### Precautions for Safe Handling and Use

Steps If Matl Released/Spill: FULL PROT EQUIP SHOULD BE WORN WHERE THERE IS POTNTL FROM SKIN EXPOS/A RISK OF DUST INHAL. NIOSH/MSHA APPRVD SCBA, SUPPLIED AIR RESP/AIR PURIFYING RESP SHOULD BE USED TO AVOID INHAL. BODY CONT SHOULD BE AVOIDED BY UTILIZING GLOVES, EYE (ING 8)  
Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.  
Waste Disposal Method: INCINERATE AT AN APPROVED FACILITY I/A/W FEDERAL, STATE AND LOCAL REGULATIONS.

Precautions-Handling/Storing: USE STORAGE PRACTICES THAT WILL MINIMIZE GENERATION OF DUST.

Other Precautions: NONE SPECIFIED BY MANUFACTURER.

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Control Measures

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Respiratory Protection: RESP PROT EQUIP SHOULD BE WORN WHEN WORKERS ARE EXPOSED TO AIRBORNE DUST LEVELS THAT EXC EED ESTIMATED SAFE WORKING LEVEL. RECOM FOR RESP SELECTION ISSUED BY NATL INSTITUTE FOR OCCUP SFTY & HLTH (NIOSH), AMERICAN NATL STD PRACTICES (ING 10)

Ventilation: PROVIDE LOCAL EXHAUST VENTILATION SYSTEM AT THE SOURCE OF DUST GENERATION.

Protective Gloves: IMPERVIOUS GLOVES (FP N).

Eye Protection: ANSI APPRVD CHEM SAFETY GOGGLES (FP N).

Other Protective Equipment: A PROT OUTER GARMENT MAY PROVIDE ADEQ WORKER PROT. IN DUSTY AREAS, FULL BODY PROT SHOULD BE USED.

Work Hygienic Practices: SPECIAL CARE SHOULD BE TAKEN TO ENSURE THAT CONTAM'D CLTHG & EQUIP ARE PROPERLY CLEANED AFTER USE. WORKERS (ING 12)

Suppl. Safety & Health Data: EFTS OF OVEREXP: DECR ABILITY OF BODY TO SECRETE LG AMTS OF CORTISOL IN RESPONSE TO STRESS (SUCH AS SERIOUS ILLNESS) . SYMPS OF SUPPRESSION MAY NOT OCCUR AS LONG AS BECLOMETHASONE DIPROPIONATE EXPOS REMAINS. SIDE EFTS WHICH CAN OCCUR IN INDIVIDUALS TAKING BECLOMETHASONE DIPROPIONATE MEDICINALLY INCL FLUID & SALT (ING 3

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Transportation Data

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Disposal Data

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Label Data

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Label Required: YES

Technical Review Date: 28SEP93

Label Date: 16SEP93

Label Status: G

Common Name: BECONASE

Chronic Hazard: YES

Signal Word: WARNING!

Acute Health Hazard-Moderate: X

Contact Hazard-Moderate: X

Fire Hazard-None: X

Reactivity Hazard-None: X

Special Hazard Precautions: USE STORAGE PRACTICES THAT WILL MINIMIZE GENERATION OF DUST. ACUTE: REPEATED SKIN CONTACT CAN RESULT IN "THINNING" OF SKIN WITH INCREASED TENDENCY TO BRUISING. INHALATION COULD CAUSE ALLERGIC REACTIONS IN SOME INDIVIDUALS. CHRONIC: MAY CAUSE SKIN RASH, EASY BRUISING OR SERIOUS ADRENAL SUPPRESSION W/OUT SYMPTOMS.

Protect Eye: Y

Protect Skin: Y

Protect Respiratory: Y

Label Name: GLAXO INC

Label Street: FIVE MOORE DR

Label City: RESEARCH TRAINGLE PARK

Label State: NC

Label Zip Code: 27709

Label Country: US

Label Emergency Number: 919-248-2100;919-248-2700