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Biodyn
MANUFACTURER INFORMATION

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MANUFACTURER BOEHRINGER MANNHEIM DIAGNOSTICS
ADDRESS 1...:9115 HAGUE ROAD
ADDRESS 2...:P.O. BOX 50100
CITY/ST/ZIP.:INDIANAPOLIS
EMERGENCY PHONE.....: 317-845-2000
PREPARATION/REVISION DATE: 12-11-89
IN 46250

Hc #95

I-190268
C-417145

CONTACT/PREP PATRICK A. MCINTIRE

TRADE NAME/SYNONYMS...: CHEMSTRIP 10 URINE TEST STRIPS
CHEMSTRIP 10 WITH SG
CHEMICAL NAME/SYNONYMS: CHEMSTRIP 10
A PLP PRODUCT
A D/U PRODUCT
CHEMICAL FAMILY.....: N/I
FORMULA.....: N/I
PART NUMBER.....: 041714500 CAT..# 417145

***** HAZARDOUS INGREDIENTS *****

THIS PRODUCT CONTAINS HAZARDOUS INGREDIENTS (Y,N,N/A,N/I) : NO

THIS PRODUCT CONTAINS CARCINOGENS (NTP, IARC, OR OSHA) (Y,N,N/A,N/I): NO

***** HEALTH HAZARD DATA *****

HEALTH EFFECTS (ACUTE AND CHRONIC)

THE TOXICOLOGICAL EFFECTS OF THIS PRODUCT HAVE NOT BEEN THOROUGHLY INVESTIGATED AT THIS TIME. HOWEVER, THIS PRODUCT DOES CONTAIN A NUMBER OF DIFFERENT CHEMICALS ON THE 5 X 5 MM TEST PAD. MOST OF THESE CHEMICALS ON THIS PAD ARE PRESENT IN LOW CONCENTRATIONS. AS WITH MANY CHEMICALS AND/OR BIOLOGICALLY ACTIVE COMPOUNDS, EXPOSURE TO THESE MATERIALS MAY CAUSE ALLERGIC REACTIONS IN SENSITIVE INDIVIDUALS. FOR MORE DETAILS REGARDING THE CONSTITUENTS OF THIS PAD, CONSULT THE INFORMATION ON CHEMSTRIP 10'S PACKAGING.

PRIMARY ROUTES OF ENTRY

N/I

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE
SEE ABOVE.

EMERGENCY FIRST AID PROCEDURES

EYE CONTACT: FOR EXPOSURE TO THE CHEMICALS ON THE PAD, IMMEDIATELY FLUSH THE EYE WITH A LARGE AMOUNT OF FRESH WATER. CONTINUE THIS FLUSHING FOR AT LEAST 15 MINUTES. HOLD THE EYELIDS APART BY USING YOUR FINGERTIPS. SEEK MEDICAL ATTENTION IF THE IRRITATION PERSISTS.

SKIN CONTACT: FOR EXPOSURE TO THE CHEMICALS ON THE PAD, NOT EXPECTED TO BE A PROBLEM. IF SKIN APPEARS TO BE IRRITATED, REMOVE ANY CONTAMINATED CLOTHING AROUND THE IRRITATED AREA AND BEGIN WASHING THE AREA WITH LARGE AMOUNTS OF FRESH WATER. IF IRRITATION PERSISTS, SEEK MEDICAL ADVICE. DO NOT REUSE CONTAMINATED CLOTHING UNTIL IT HAS BEEN WASHED.

INGESTION: IF THE PRODUCT OR ANY PART OF THE PAD HAVE BEEN INGESTED. KEEP VICTIM WARM AND CALM. GET MEDICAL HELP.

INHALATION: NOT EXPECTED TO BE A PROBLEM. HOWEVER, IF BREATHING BECOMES DIFFICULT, REMOVE VICTIM TO FRESH AIR. IF THE PROBLEM PERSISTS, GIVE OXYGEN. IF BREATHING STOPS, ADMINISTER ARTIFICIAL RESPIRATION. FIND

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MEDICAL HELP.

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***** CHEMICAL DATA *****

BOILING POINT(F)....	N/I	SPECIFIC GRAVITY(WATER=1).....	N/I
VAPOR PRESSURE(MMHG)	N/I	PERCENT VOLATILE BY VOLUME(%).....	N/I
VAPOR DENSITY(AIR=1)	N/I	EVAP RATE(N/I =1)	N/I

SOLUBILITY IN WATER.. N/I

APPEARANCE AND ODOR INFORMATION

N/I

THE ABOVE NOTED PHYSICAL DATA IS SPECIFIC TO THE FINISHED PRODUCT.

***** PHYSICAL HAZARD DATA *****

FLASH POINT (METHOD USED) N/I FLAMMABLE LIMITS-LEL= N/I UEL= N/I

EXTINGUISHING MEDIA

USE MEDIA AS APPROPRIATE FOR SITE SPECIFIC CONDITIONS.

SPECIAL FIRE FIGHTING PROCEDURES

WEAR THE PROTECTIVE EQUIPMENT NECESSARY FOR THE SITE SPECIFIC CONDITIONS.

UNUSUAL FIRE AND EXPLOSION HAZARDS

TOXIC. THIS PRODUCT CONTAINS SMALL AMOUNTS OF CHEMICALS WHICH CONTAIN CYANIDE, FLOURINE, PHENOL, AND DIAZONIUM SALTS. USE CAUTION WHEN HANDLING IN A FIRE SITUATION. THE PRODUCT MAY LIBERATE OXIDES OF CARBON AND NITROGEN IF BURNED. THESE ARE TOXIC GASES.

***** REACTIVITY DATA *****

INCOMPATIBILITY (MATERIALS TO AVOID)

N/I

HAZARDOUS DECOMPOSITION PRODUCTS

OXIDES OF CARBON AND NITROGEN.

WILL HAZARDOUS POLYMERIZATION OCCUR

N/I

CONDITIONS TO AVOID/POLYMERIZATION

N/I

IS THE PRODUCT STABLE

YES.

CONDITIONS TO AVOID/STABILITY

EXCESS HEAT AND FLAMES. DO NOT FREEZE.

***** SPILL AND LEAK PROCEDURES *****

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

UNDER NORMAL CONDITIONS OF USE, SIMPLY PICK UP THE STRIPS AND PLACE IN

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A BAG FOR DISPOSAL. WEAR GLOVES TO PICK UP THE STRIPS. IF THE SPILL INVOLVES LIQUID, CONTAIN THE SPILL WITH ABSORBENT MATERIAL. PLACE THE USED ABSORBENT IN AN APPROPRIATE LABELED CONTAINER AND HOLD FOR DISPOSAL.

WASTE DISPOSAL METHOD
DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS

***** EXPOSURE CONTROL INFORMATION *****

VENTILATION DATA
GENERAL ROOM VENTILATION SHOULD BE ADEQUATE. IF THIS VENTILATION IS NOT OPERATING CORRECTLY, A CHEMICAL FUME HOOD IS SUGGESTED. FOR EMERGENCIES, ADDITIONAL MECHANICAL VENTILATION MAY BE REQUIRED DEPENDENT UPON SITE CONDITIONS.

RESPIRATORY PROTECTION
FOR NORMAL USAGE CONDITIONS OF THE CHEMSTRIP, IT IS NOT NECESSARY. AS WITH THE VENTILATION ABOVE, IF THE LOCALIZED AREA OF USAGE WOULD INDICATE THE WEARING OF RESPIRATORY PROTECTION, THEN THOSE REQUIREMENTS WOULD PREVAIL.

PROTECTIVE GLOVES
LATEX OR RUBBER GLOVES SHOULD BE WORN.

OTHER PROTECTIVE EQUIPMENT
SAFETY GLASSES OR GOGGLES ARE RECOMMENDED. AN EYEWASH/DELUGE SHOWER FACILITY SHOULD BE ACCESSIBLE. A LAB COAT MUST BE WORN WHEN WORKING WITH THIS PRODUCT. ADDITIONAL ENCAPSULATORY MATERIALS MAY BE NEEDED FOR EMERGENCY SITUATIONS.

OTHER ENGINEERING CONTROLS
N/I

WORK PRACTICES
N/I

HYGENIC PRACTICES
USE GOOD LABORATORY TECHNIQUE WHEN HANDLING THIS PRODUCT. WASH HANDS AFTER WASH HANDS THOROUGHLY AFTER WORKING WITH THIS PRODUCT. DO NOT HANDLE FOOD OR DRINKS WHEN WORKING WITH THIS MATERIAL. DO NOT SMOKE WHEN AROUND THIS MATERIAL.

***** SPECIAL PRECAUTIONS *****

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE
KEEP PRODUCT COOL AND DRY. STORE IN A SEALED CONDITION.
DO NOT FREEZE.
DO NOT HEAT ABOVE 30 C.

MAINTENANCE PRECAUTIONS
N/I

OTHER PRECAUTIONS
FOR IN VITRO DIAGNOSTIC USE.
TOXIC. THIS STRIP CONTAINS PHENOL, DIAZONIUM SALT, AND NITROFERRICYANIDE. AVOID CONTACT WITH SKIN AND MUCOUS MEMBRANES.

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EXERCISE THE NORMAL PRECAUTIONS REQUIRED FOR HANDLING ALL LABORATORY REAGENTS.

OTHER COMMENTS

CHEMSTRIP 10 - DIP AND READ TEST FOR THE QUALITATIVE DETERMINATION OF: SPECIFIC GRAVITY, LEUKOCYTES, NITRITE, PH, PROTEIN, GLUCOSE, KETONES, UROBILINOGEN, BILIRUBIN, BLOOD IN URINE.
100 REAGENT STRIPS FOR URINALYSIS.

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