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THE WORLD'S FOREMOST MANUFACTURER OF RESEARCH
BIOCHEMICALS AND DIAGNOSTIC REAGENTS

AUG 23 1994

ATTN: SAFETY DIRECTOR
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DATE: 08/19/94
CUST#: 2-097-94816
PD#: QG3437

LOT#: 024H0687

MATERIAL SAFETY DATA SHEET PAGE 1

SECTION 1. CHEMICAL IDENTIFICATION

STOCK #: CG-5
PRODUCT #: C 3504

NAME: CHORIONIC GONADOTROPIN FROM
HUMAN PREGNANCY URINE

SECTION 2. COMPOSITION/INFORMATION ON INGREDIENTS

CAS #: 9002-61-3

SYNONYMS

AMBINON * ANTUITRIN S * APL * APL (HORMONE) * APOIDINA * CHORIGON *
CHORIOGONADOTROPIN * CHORIOGONIN * CHORIONIC GONADOTROPHIN *
CHORIONIC GONADOTROPIC HORMONE * CHORIONIC GONADOTROPIN * CHORULON *
CORIANTIN * FOLLUTEIN * GONABION * GONADEX * HCG * HUMAN CHORIONIC
GONADOTROPIN * KOROTRIN * PHYSEX * PRAEDYN * PREGNYL * PRIMOGONYL *
RANDONOS * SYNAPHORIN *

SECTION 3. HAZARDS IDENTIFICATION

LABEL PRECAUTIONARY STATEMENTS

BIOHAZARD
HANDLE AS IF CAPABLE OF TRANSMITTING INFECTIOUS AGENTS. REFER
TO MATERIAL SAFETY DATA SHEET.
POSSIBLE TERATOGEN.
TARGET ORGAN(S):
REPRODUCTIVE SYSTEM

SECTION 4. FIRST-AID MEASURES

IF SWALLOWED, WASH OUT MOUTH WITH WATER PROVIDED PERSON IS CONSCIOUS.
CALL A PHYSICIAN.
IN CASE OF SKIN CONTACT, FLUSH WITH COPIOUS AMOUNTS OF WATER
FOR AT LEAST 15 MINUTES. REMOVE CONTAMINATED CLOTHING AND
SHOES. CALL A PHYSICIAN.
IF INHALED, REMOVE TO FRESH AIR. IF BREATHING BECOMES DIFFICULT,
CALL A PHYSICIAN.
IN CASE OF CONTACT WITH EYES, FLUSH WITH COPIOUS AMOUNTS OF WATER
FOR AT LEAST 15 MINUTES. ASSURE ADEQUATE FLUSHING BY SEPARATING
THE EYELIDS WITH FINGERS. CALL A PHYSICIAN.

CONTINUED ON NEXT PAGE

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MATERIAL SAFETY DATA SHEET PAGE 2

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HUMAN PREGNANCY URINE

SECTION 5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA

WATER SPRAY.
CARBON DIOXIDE, DRY CHEMICAL POWDER OR APPROPRIATE FOAM.

SPECIAL FIREFIGHTING PROCEDURES

WEAR SELF-CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING TO
PREVENT CONTACT WITH SKIN AND EYES.

SECTION 6. ACCIDENTAL RELEASE MEASURES

WEAR SELF-CONTAINED BREATHING APPARATUS, RUBBER BOOTS AND HEAVY
RUBBER GLOVES.
SWEEP UP, PLACE IN A BAG AND HOLD FOR WASTE DISPOSAL.
AVOID RAISING DUST.
VENTILATE AREA AND WASH SPILL SITE AFTER MATERIAL PICKUP IS COMPLETE.

SECTION 7. HANDLING AND STORAGE
REFER TO SECTION 8.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

NIOSH/MSHA-APPROVED RESPIRATOR.
USE ONLY IN A CHEMICAL FUME HOOD.
COMPATIBLE CHEMICAL-RESISTANT GLOVES.
CHEMICAL SAFETY GOGGLES.
HUMAN SOURCE MATERIAL FROM WHICH THIS PRODUCT WAS DERIVED WAS FOUND
NEGATIVE FOR HEPATITIS B SURFACE ANTIGEN AND ANTIBODY TO HIV BY
APPROVED TEST METHODS. SINCE NO TEST METHOD CAN OFFER COMPLETE
ASSURANCE THE HEPATITIS B VIRUS, HIV OR OTHER INFECTIOUS AGENTS ARE
ABSENT, THIS PRODUCT SHOULD BE HANDLED OBSERVING THE SAME SAFETY
PRECAUTIONS EMPLOYED WHEN HANDLING ANY POTENTIALLY INFECTIOUS
MATERIAL.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE AND ODOOR

CONTINUED ON NEXT PAGE

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M A T E R I A L S A F E T Y D A T A S H E E T P A G E 3

STOCK #: CG-5

CUST#: 2-097-94816
 PO#: QG3437

PRODUCT #: C 3504

NAME: CHORIONIC GONADOTROPIN FROM
 HUMAN PREGNANCY URINE

SOLID SOLUBILITY: WATER-SOLUBLE

SECTION 10. ----- STABILITY AND REACTIVITY -----

STABILITY
 STABLE.
 HAZARDOUS COMBUSTION OR DECOMPOSITION PRODUCTS
 THERMAL DECOMPOSITION MAY PRODUCE CARBON MONOXIDE, CARBON DIOXIDE,
 AND NITROGEN OXIDES.
 HAZARDOUS POLYMERIZATION
 WILL NOT OCCUR.

SECTION 11. ----- TOXICOLOGICAL INFORMATION -----

ACUTE EFFECTS
 MAY BE HARMFUL BY INHALATION, INGESTION, OR SKIN ABSORPTION.
 HUMAN SOURCE MATERIAL.
 THE TOXICOLOGICAL PROPERTIES HAVE NOT BEEN THOROUGHLY
 INVESTIGATED.
 CHRONIC EFFECTS
 POSSIBLE TERATOGEN.
 OVEREXPOSURE MAY CAUSE REPRODUCTIVE DISORDER(S) BASED ON TESTS WITH
 LABORATORY ANIMALS.
 RTECS NO: MD6953000
 GONADOTROPIN, CHORIONIC
 TARGET ORGAN DATA
 PATERNAL EFFECTS (SPERMATOGENESIS)
 PATERNAL EFFECTS (TESTES, EPIDIDYMIS, SPERM DUCT)
 PATERNAL EFFECTS (OTHER EFFECTS ON MALE)
 MATERNAL EFFECTS (OVARIES, FALLOPIAN TUBES)
 MATERNAL EFFECTS (UTERUS, CERVIX, VAGINA)
 MATERNAL EFFECTS (MENSTRUAL CYCLE CHANGES OR DISORDERS)
 MATERNAL EFFECTS (PARTURITION)
 EFFECTS ON FERTILITY (PRE-IMPLANTATION MORTALITY)
 EFFECTS ON FERTILITY (POST-IMPLANTATION MORTALITY)
 EFFECTS ON FERTILITY (OTHER MEASURES OF FERTILITY)
 EFFECTS ON EMBRYO OR FETUS (EXTRA EMBRYONIC STRUCTURES)
 EFFECTS ON EMBRYO OR FETUS (FETAL DEATH)
 EFFECTS ON NEWBORN (GROWTH STATISTICS)
 ONLY SELECTED REGISTRY OF TOXIC EFFECTS OF CHEMICAL SUBSTANCES

CONTINUED ON NEXT PAGE

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(RTECS) DATA IS PRESENTED HERE. SEE ACTUAL ENTRY IN RTECS FOR
COMPLETE INFORMATION.

SECTION 12. ----- ECOLOGICAL INFORMATION -----
DATA NOT YET AVAILABLE.

SECTION 13. ----- DISPOSAL CONSIDERATIONS -----
DISPOSAL SHOULD BE MADE IN ACCORDANCE WITH EXISTING DISPOSAL PRACTICES
EMPLOYED FOR INFECTIOUS WASTE AT YOUR INSTITUTION.
OBSERVE ALL FEDERAL, STATE AND LOCAL ENVIRONMENTAL REGULATIONS.

SECTION 14. ----- TRANSPORT INFORMATION -----
CONTACT SIGMA CHEMICAL COMPANY FOR TRANSPORTATION INFORMATION.

SECTION 15. ----- REGULATORY INFORMATION -----
REVIEWS, STANDARDS, AND REGULATIONS
NOES 1983: HZO X3877; NIS 2; TNF 41; NOS 3; TNE 1858; TFE 1330

SECTION 16. ----- OTHER INFORMATION -----

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