LOT#: 024H0687

MATERIAL SAFETY DATA SHEET

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:
AMBENON * ANTIUTRIN * APL * APL (HORMONE) * APOIDINA * CHORION * CHORION GONADOTROPIN * CHORIONIN * CHORIONIC GONADOTROPIC HORMONE * CHORIONIC GONADOTROPIN * CHORULON *
CORBITIN * FOLLUTEIN * GONABION * GONADEX * HCG * HUMAN CHORIONIC GONADOTROPIN * KOROTRIN * PHYSEX * PRAEDYN * PREGNYL * PRIMOGYNYL *
RANODOS * SYNAPRIN *

SECTION 3. - - - - HAZARDS IDENTIFICATION - - - - -

LABEL PRECAUTIONARY STATEMENTS:
BIOHAZARD HANDLE AS IF CAPABLE OF TRANSMITTING INFEKTIOUS 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 INHALATED, 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.

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BRANCH OFFICES AT:
SIGMA-ALDRICH VERITAS GmbH  
Großwallersweg 50  
63145 Darmstadt  
Germany

SIGMA-ALDRICH CHINA  
P.O. Box 38  
1157 Beijing  
China

SIGMA-ALDRICH CORPORATION  
New Delhi Location  
B-10, Safdarjung Enclave  
New Delhi-110 029  
India

SIGMA-ALDRICH Kft.  
Tulip krt. 38  
1557 Budapest  
Hungary

SIGMA-ALDRICH GmbH & Co. KG  
Nordbahnstr. 10-12  
66424 Saarbrücken  
Germany

SIGMA-ALDRICH CHEMICAL CO. LTD.  
Ferry Road, Poole  
Dorset BT8 7BH  
England

SIGMA-ALDRICH QUINCA, S.A.  
C/Diagonal 665  
08028 Barcelona  
Spain

SIGMA-ALDRICH QUINCA, S.A. de C.V.  
Avenida Presidente Masaryk No. 1164  
Colonia del Mar  
11210 Mexico, D.F.

SIGMA-ALDRICH QUINCA, S.A.  
C/ Delicias 10  
78240 Alovera  
Spain

SIGMA-ALDRICH CHEMICALS  
68-70 Edgware Road  
London W2 2UH  
UK

SIGMA-ALDRICH Chemicals  
42 Wall Street  
New York, NY 10005  
USA

SIGMA-ALDRICH Chemicals  
1060 U.S. Highway 22  
Beckman Tech Center  
Trenton, NJ 08618  
US
MATERIAL SAFETY DATA SHEET

STOCK #: CG-5
PRODUCT #: C3504
NAME: CHORIONIC GONADOTROPIN FROM 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/PERSOAL 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 INFECTIONOUS 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 ODOR

CONTINUED ON NEXT PAGE
MATERIAL SAFETY DATA SHEET

STOCK #: CG-5
PRODUCT #: C 3504
NAME: HUMAN PREGNANCY URINE

SOLID: WATER-SOLUBLE

SECTION 10. STABILITY AND REACTIVITY

STABILITY
Hazardous: Stable.

Hazardous Decomposition or Decomposition Products
Thermal decomposition or 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: MO953000
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 (extraembryonic 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
**MATERIAL SAFETY DATA SHEET**

**STOCK #:** CG-5  
**PRODUCT #:** C3504  
**CUST#:** 2-097-94816  
**PD#:** QG3437

**NAME:** CHORIONIC GONADOTROPIN FROM HUMAN PREGNANCY URINE

**(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**

NOS 1993: H20 X3877; NIS 2: TNE 41; NOS 3: TNE 1058; TFE 1330

**SECTION 16.** OTHER INFORMATION

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