

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

*rev: 12/11/1992*

ATTN: SAFETY DIRECTOR  
LAURA LINK  
UNIVERSITY OF NEVADA  
HAZARDOUS CHEM  
SPECIALIST  
PHYSICAL PLANT-182  
RENO NV 89557

*6649*

EMERGENCY PHONE 1-314-771-5765

DATE: 12/11/92  
CUST#: 2-055-60420  
PO#: 840476

## M A T E R I A L   S A F E T Y   D A T A   S H E E T

PAGE 1

PRODUCT #: CC153

### IDENTIFICATION

NAME: CK ISOTROL

### TOXICITY HAZARDS

NO TOXICITY DATA AVAILABLE

### HEALTH HAZARD DATA

### ACUTE EFFECTS

MAY BE HARMFUL BY INHALATION, INGESTION, OR SKIN ABSORPTION.  
HUMAN SOURCE MATERIAL.  
THE TOXICOLOGICAL PROPERTIES HAVE NOT BEEN THOROUGHLY  
INVESTIGATED.

### FIRST AID

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.

### PHYSICAL DATA

APPEARANCE AND ODOR  
SOLID.

### FIRE AND EXPLOSION HAZARD DATA

### EXTINGUISHING MEDIA

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

### SPECIAL FIREFIGHTING PROCEDURES

WEAR SELF-CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING TO

CONTINUED ON NEXT PAGE

#### BRANCH OFFICES AT:

SIGMA CHEMIE GmbH  
Grünwälder Weg 30  
W-8024 Deisenhofen  
Deutschland.

SIGMA CHIMIE S.a.r.l.  
L'Isle - d' Abeau Chesnes  
B P 701  
38297 St Quentin Fallavier  
Cedex France.

SIGMA CHEMIE  
P.O. Box 260  
CH-9470 Buchs  
Switzerland.

SIGMA CHEMIE  
Bd. Lambertlaan, 140B6  
B-1030 Brussel/Bruxelles  
België/Belgique.

SIGMA CHEMICAL CO. LTD.  
Fancy Road, Poole,  
Dorset BH17 7NH  
England.

SIGMA QUIMICA  
Apt. Correos 161  
28100 Alcobendas (Madrid)  
España.

SIGMA CHIMICA  
Via Gallarate 154  
20151 - Milano  
Italia.

Sigma Aldrich Pty., Limited  
Unit 2, 10 Anella Ave.  
Castle Hill NSW 2154  
Australia.

**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   2**

PRODUCT #: C0153

NAME: CK ISOTROL

CUST#: 2-055-60420  
PO#: 840476

**--- FIRE AND EXPLOSION HAZARD DATA ---**

PREVENT CONTACT WITH SKIN AND EYES.

**--- REACTIVITY DATA ---**

STABILITY  
STABLE.

HAZARDOUS COMBUSTION OR DECOMPOSITION PRODUCTS  
NATURE OF DECOMPOSITION PRODUCTS NOT KNOWN.

HAZARDOUS POLYMERIZATION  
WILL NOT OCCUR.

**--- SPILL OR LEAK PROCEDURES ---**

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED  
WEAR RESPIRATOR, CHEMICAL SAFETY GOGGLES, 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.

WASTE DISPOSAL METHOD  
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.

**--- PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE ---**

NIOSH/MSHA-APPROVED RESPIRATOR.  
MECHANICAL EXHAUST REQUIRED.  
COMPATIBLE CHEMICAL-RESISTANT GLOVES.  
CHEMICAL SAFETY GOGGLES.  
POTENTIALLY BIOHAZARDOUS MATERIAL.

THE ABOVE INFORMATION IS BELIEVED TO BE CORRECT BUT DOES NOT PURPORT TO  
BE ALL INCLUSIVE AND SHALL BE USED ONLY AS A GUIDE. SIGMA SHALL NOT BE  
HELD LIABLE FOR ANY DAMAGE RESULTING FROM HANDLING OR FROM CONTACT WITH  
THE ABOVE PRODUCT. SEE REVERSE SIDE OF INVOICE OR PACKING SLIP FOR A  
ADDITIONAL TERMS AND CONDITIONS OF SALE.

COPYRIGHT 1992 SIGMA CHEMICAL CO.

CONTINUED ON NEXT PAGE

BRANCH OFFICES AT:

SIGMA CHEMIE GmbH  
Grünwalder Weg 30  
W-8024 Deisenhofen  
Deutschland.

SIGMA CHIMIE S.a.r.l.  
L'Isle - d'Abeau Chesnes  
B P 701  
38297 St Quentin Fallavier  
Cedex France.

SIGMA CHEMIE  
P.O. Box 260  
CH-9470 Buchs  
Switzerland.

SIGMA CHEMIE  
Bd. Lambertmontaan, 140B6  
B-1030 Brussel/Bruxelles  
België/Belgique.

SIGMA CHEMICAL CO. LTD.  
By Road, Poole,  
Dorset BH17 7NH  
England.

SIGMA QUIMICA  
Apt. Correos 161  
28100 Alcobendas (Madrid)  
España.

SIGMA CHIMICA  
Via Gallarate 154  
20151 - Milano  
Italia.

Sigma Aldrich Pty., Limited  
Unit 2, 10 Anella Ave.  
Castle Hill NSW 2154  
Australia.

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

**M A T E R I A L   S A F E T Y   D A T A   S H E E T**

**PAGE 3**

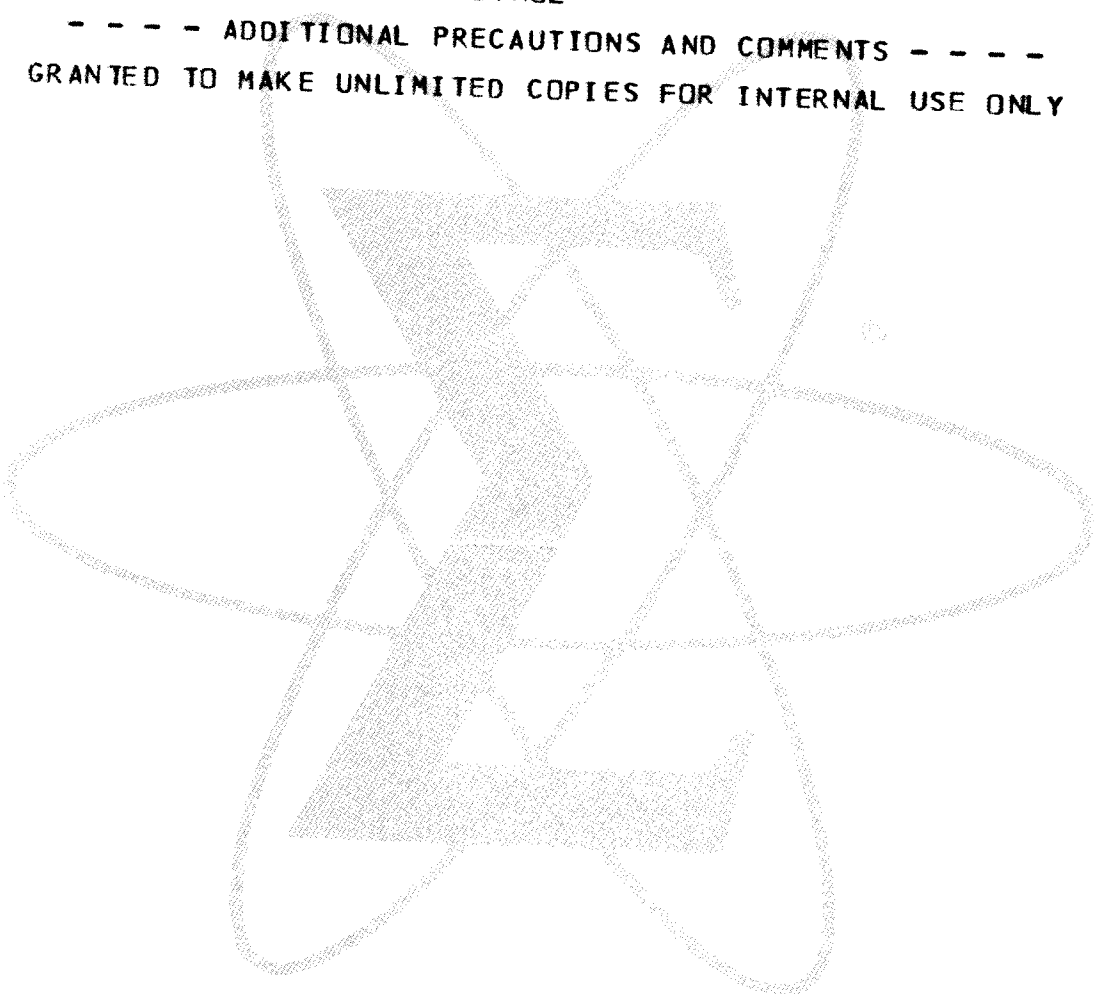
**PRODUCT #: C0153**

**NAME: CK ISOTROL**

**CUST#: 2-055-60420**  
**PO#: 840476**

**----- ADDITIONAL PRECAUTIONS AND COMMENTS -----**

**LICENSE GRANTED TO MAKE UNLIMITED COPIES FOR INTERNAL USE ONLY**



**OFFICES AT:**

**SIGMA CHEMIE GmbH**  
Grünwalder Weg 30  
W-8024 Deisenhofen  
Deutschland.

**SIGMA CHIMIE S.a.r.l.**  
L'Isle - d' Abeau Chesnes  
B P 701  
38297 St Quentin Fallavier  
Cedex France.

**SIGMA CHEMIE**  
P.O. Box 260  
CH-9470 Buchs  
Switzerland.

**SIGMA CHEMIE**  
Bd. Lambertmontaan, 140B6  
B-1030 Brussel/Bruxelles  
België/Belgique.

**CHEMICAL CO. LTD.**  
oad, Poole,  
BH17 7NH

**SIGMA QUIMICA**  
Apt. Correos 161  
28100 Alcobendas (Madrid)  
España.

**SIGMA CHIMICA**  
Via Gallarate 154  
20151 - Milano  
Italia.

**Sigma Aldrich Pty., Limited**  
Unit 2, 10 Anella Ave.  
Castle Hill NSW 2154  
Australia.