



chemists helping chemists in research & industry

**aldrich chemical co.**

P.O. Box 355, Milwaukee, Wisconsin 53201 USA

Telephone: (414) 273-3850  
TWX: (910) 262-3052 Aldrichem MI  
Telex: 26 843 Aldrich MI  
FAX: (414) 273-4979

FEB 11 1991

ATTN: SAFETY DIRECTOR  
UNIVERSITY OF WISCONSIN-WHITEWATER  
800 W MAIN ST

WHITEWATER WI 53190  
JOYCE KILBY/RISK MRMNT & SAFETY

DATE: 02/05/91  
CUST#: 523216  
PO#: LETTER 1/31/91

*Chemistry*

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

IDENTIFICATION

PRODUCT #: 86114-6      NAME: ERIOGLAUCINE (C.I. 42090)  
CAS #: 3844-45-9  
MF: C37H36N2O9S3

SYNONYMS

ACID SKY BLUE A \* AIZEN FOOD BLUE NO. 2 \* 1206 BLUE \* BLUE 1206 \*  
BRILLIANT BLUE \* BRILLIANT BLUE FCD NO. 1 \* BRILLIANT BLUE FCF \*  
CANACERT BRILLIANT BLUE FCF \* C.I. 671 \* C.I. 42090 \* C.I. ACID BLUE  
9, DISODIUM SALT \* C.I. FOOD BLUE 2 \* COGILOR BLUE 512.12 \* COSMETIC  
BLUE LAKE \* D AND C BLUE NO. 4 \* DISPERSED BLUE 12195 \* DOLKVAL  
BRILLIANT BLUE \* EDICOL BLUE CL 2 \* ERIOGLAUCINE G \* FD AND C BLUE 1 \*  
FD AND C BLUE NO. 1 \* FDC BLUE NO. 1 \* FENAZO BLUE XI \* FOOD BLUE 2 \*  
FOOD BLUE DYE NO. 1 \* HEXACOL BRILLIANT BLUE A \* INTRACID PURE BLUE  
L \* MERANTINE BLUE EG \* MODR BRILANTNI FCF (CZECH) \* MODR KYSELA 9  
(CZECH) \* MODR POTRAVINARSKA 2 (CZECH) \* SCHULTZ NO. 770 \* USACERT  
BLUE NO. 1 \*

TOXICITY HAZARDS

RTECS NO: BQ4725000

AMMONIUM, ETHYL(4-(P-(ETHYL(M-SULFOBENZYL)AMINO)-ALPHA-(O-SULFOPHENYL)  
BENZYLIDENE)-2,5-CYCLOHEXADIEN-1-YLIDENE)(M-SULFOBENZYL)-, HYDROXIDE,  
INNER SALT, DISODIUM SALT

TOXICITY DATA

SCU-MUS LD50: 4600 MG/KG      ZEKBAI 64,287,61

REVIEWS, STANDARDS, AND REGULATIONS

IARC CANCER REVIEW: ANIMAL LIMITED EVIDENCE IMEMDT 16,171,78  
IARC CANCER REVIEW: HUMAN NO ADEQUATE DATA IMEMDT 16,171,78  
IARC CANCER REVIEW: GROUP 3 IMSUDL 7,56,87  
NOES 1983: HZD X4021; NIS 21; TNE 2796; NOS 45; TNE 56533; TFE 30139  
EPA TSCA CHEMICAL INVENTORY, JUNE 1990

TARGET ORGAN DATA

TUMORIGENIC (EQUIVOCAL TUMORIGENIC AGENT BY RTECS CRITERIA)  
TUMORIGENIC (TUMORS AT SITE OF APPLICATION)

ONLY SELECTED REGISTRY OF TOXIC EFFECTS OF CHEMICAL SUBSTANCES (RTECS)  
DATA IS PRESENTED HERE. SEE ACTUAL ENTRY IN RTECS FOR COMPLETE INFORMATION.

HEALTH HAZARD DATA

ACUTE EFFECTS

HARMFUL IF SWALLOWED, INHALED, OR ABSORBED THROUGH SKIN.  
MAY CAUSE IRRITATION.

CHRONIC EFFECTS

POSSIBLE CARCINOGEN.

CONTINUED ON NEXT PAGE

Belgium/Holland  
Aldrich Chemie  
Boulevard Lambertmont 140 b6  
Bd. Lambertmontaan 140 b6  
B-1030 Bruxelles/Brussel  
Telephone:  
Belgium 114747  
Holland 060224748  
Telex: 62302 Alchem B  
FAX: 022428216

France  
Aldrich-Chimie S.a.r.l.  
27, Fosse des Treize  
F-67000 Strasbourg  
Telephone: 88327010  
Telex: 890076 Aldrich F  
FAX: 88751283

Italy  
Aldrich Chimica S.r.l.  
Via Pietro Toselli, 4  
20127 Milano  
Telephone: 022613689  
Telex: 330862 Aldrich I  
FAX: 022896301

Japan  
Aldrich Japan  
Kyodo Bldg, Shinkanda  
10 Kanda-Mikuracho  
Chiyoda-Ku, Tokyo  
Telephone: 032580155  
FAX: 032580157

Spain  
Aldrich Quimica  
Apt. de Correas 161  
28100 Alcobendas (Madrid)  
Telephone: 916639977  
Telex: 22189 SAQS-E  
FAX: 916638084

United Kingdom  
Aldrich Chemical Co., Ltd.  
The Old Brickyard, New Road  
Gillingham, Dorset SP8 4JL  
Telephone: 0747822211  
Telex: 417238 Aldrich G  
FAX: 0747823779

West Germany  
Aldrich-Chemie GmbH & Co. KG  
D-7924 Steinheim  
Telephone: 7329870  
Telex: 714838 Aldri D  
FAX: 0732987139/239



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----- HEALTH HAZARD DATA -----

FIRST AID:

IN CASE OF CONTACT, IMMEDIATELY FLUSH EYES OR SKIN WITH COPIOUS AMOUNTS OF WATER FOR AT LEAST 15 MINUTES WHILE REMOVING CONTAMINATED CLOTHING AND SHOES.  
IF INHALED, REMOVE TO FRESH AIR. IF NOT BREATHING GIVE ARTIFICIAL RESPIRATION. IF BREATHING IS DIFFICULT, GIVE OXYGEN.  
IF SWALLOWED, WASH OUT MOUTH WITH WATER PROVIDED PERSON IS CONSCIOUS. CALL A PHYSICIAN.  
WASH CONTAMINATED CLOTHING BEFORE REUSE.

----- PHYSICAL DATA -----

MELTING PT: 283 C (DEC)

APPEARANCE AND ODOR  
PURPLE POWDER

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

EXTINGUISHING MEDIA  
CARBON DIOXIDE.  
DRY CHEMICAL POWDER.  
WATER SPRAY.

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

UNUSUAL FIRE AND EXPLOSIONS HAZARDS  
EMITS TOXIC FUMES UNDER FIRE CONDITIONS.

----- REACTIVITY DATA -----

INCOMPATIBILITIES  
STRONG OXIDIZING AGENTS  
HAZARDOUS COMBUSTION OR DECOMPOSITION PRODUCTS  
CARBON MONOXIDE, CARBON DIOXIDE  
NITROGEN OXIDES  
SULFUR OXIDES

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

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED  
EVACUATE AREA.

CONTINUED ON NEXT PAGE

Belgium/Holland  
Aldrich Chemie  
Boulevard Lambert 140 b6  
Ed. Lambertmontaan 140 b6  
B-1030 Bruxelles/Brussel  
Telephone:  
Belgium 114747  
Holland 060224748  
Telex: 62302 Alchem B  
FAX: 022428216

France  
Aldrich-Chimie S.a.r.l.  
27, Fosse des Treize  
F-87000 Strasbourg  
Telephone: 88327010  
Telex: 890076 Aldrich F  
FAX: 88751283

Italy  
Aldrich Chimica S.r.l.  
Via Pietro Toselli, 4  
20127 Milano  
Telephone: 022613689  
Telex: 330962 Aldrich I  
FAX: 022896301

Japan  
Aldrich Japan  
Kyodo Bldg. Shinkanda  
10 Kanda-Mikuracho  
Chiyoda-Ku, Tokyo  
Telephone: 032580155  
FAX: 032580157

Spain  
Aldrich Quimica  
Apt. de Correos 161  
28100 Alcobendas (Madrid)  
Telephone: 916639977  
Telex: 22189 SAQS-E  
FAX: 916638084

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Aldrich Chemical Co., Ltd.  
The Old Brickyard, New Road  
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----- SPILL OR LEAK PROCEDURES -----

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.  
WASTE DISPOSAL METHOD  
DISSOLVE OR MIX THE MATERIAL WITH A COMBUSTIBLE SOLVENT AND BURN IN A CHEMICAL INCINERATOR EQUIPPED WITH AN AFTERBURNER AND SCRUBBER.  
OBSERVE ALL FEDERAL, STATE, AND LOCAL LAWS.

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

WEAR APPROPRIATE NIOSH/MSHA-APPROVED RESPIRATOR, CHEMICAL-RESISTANT GLOVES, SAFETY GOGGLES, OTHER PROTECTIVE CLOTHING.  
USE ONLY IN A CHEMICAL FUME HOOD.  
SAFETY SHOWER AND EYE BATH.  
DO NOT BREATHE DUST.  
DO NOT GET IN EYES, ON SKIN, ON CLOTHING.  
AVOID PROLONGED OR REPEATED EXPOSURE.  
WASH THOROUGHLY AFTER HANDLING.  
POSSIBLE CARCINOGEN.  
KEEP TIGHTLY CLOSED.  
STORE IN A COOL DRY PLACE.

REGULATORY INFORMATION  
THIS PRODUCT IS SUBJECT TO SARA SECTION 313 REPORTING REQUIREMENTS.

THE ABOVE INFORMATION IS BELIEVED TO BE CORRECT BUT DOES NOT PURPORT TO BE ALL INCLUSIVE AND SHALL BE USED ONLY AS A GUIDE. ALDRICH 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 ADDITIONAL TERMS AND CONDITIONS OF SALE.

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**ALDRICH**



Belgium/Holland  
Aldrich Chemie  
Boulevard Lambertmont 140 b6  
Bd. Lambertmontaan 140 b6  
B-1030 Bruxelles/Brussel  
Telephone:  
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France  
Aldrich-Chimie S.a.r.l.  
27, Fosse des Treize  
F-57000 Strasbourg  
Telephone: 89327010  
Telex: 890076 Aldrich F  
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Via Pietro Toselli, 4  
20127 Milano  
Telephone: 022613689  
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