**Material Safety Data Sheet**

**Product #:** 86114-6  
**CAS #:** 3844-45-9  
**MF:** C37H36N2O9S3

**Synonyms:**  
ACID SKY BLUE A * AIZEN FOOD BLUE NO. 2 * 1206 BLUE * BLUE 1206 * BRILLIANT BLUE * BRILLIANT BLUE FCF NO. 1 * BRILLIANT BLUE FCF * CANACETR 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 * DOLKWAL BRILLIANT BLUE * EDICOL BLUE CL 2 * ERIOGLAUCINE G * FD AND C BLUE 1 * FD AND C BLUE NO. 1 * FODC BLUE NO. 1 * FENAZO BLUE XI * FOOD BLUE 2 * FOOD BLUE DYE NO. 1 * HEXACOL BRILLIANT BLUE A * INTRACIL PURE BLUE L * MERANINE BLUE EG * MODR BRILANTNI FCF (CZECH) * MODR KYSELÁ 9 (CZECH) * MODR POTRÁVINARSKÁ 2 (CZECH) * SCHULTZ NO. 770 * USACET BLUE NO. 1 *  

**Toxicity Hazards**

**RTECS No:** BQ4725000  

**Zekbai:** 64,287,61

**Toxicity Data**

**SCU-MUS LD50:4500 MG/KG**

**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**

**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**
MATERIAL SAFETY DATA SHEET

PRODUCT #: 86114-6
CAS #: 3844-65-9
MF: C37H36N2O9S3

NAME: ERIOGLAUCINE (C.I. 42090)

--- 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
PRODUCT #: 86114-6
CAS #: 8344-85-2
MF: C37H33N2O29S3

NAME: ERIOGLAUCINE (C.I. 42090)

----------------- 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.

COPYRIGHT 1991 ALDRICH CHEMICAL CO. INC.
License granted to make unlimited copies for internal use only.