



Fisher Scientific Company

Chemical Manufacturing Division
P. O. Box 375, 1 Reagent Lane
Fair Lawn, NJ 07410

PLAINTIFF'S EXHIBIT

BIR-828

MATERIAL SAFETY DATA SHEET (Adapted from USDL From LSD-005-4)

(201) 796-7100

SECTION I. IDENTIFICATION OF PRODUCT

CHEMICAL NAME
Benzene

FORMULA
 C_6H_6

SYNONYM OR CROSS REFERENCE
Benzol

SECTION II. HAZARDOUS INGREDIENTS

MATERIAL

Benzene

NATURE OF HAZARD

Flammable; Poison

SECTION III. PHYSICAL DATA

BOILING POINT

80 °C

MELTING POINT

5.51 °C

VAPOR PRESSURE(mm Hg)

100

SPECIFIC GRAVITY

0.88

VAPOR DENSITY (AIR = 1)

2.77

PERCENT VOLATILE BY VOLUME (%)

100%

WATER SOLUBILITY

insoluble

EVAPORATION RATE

(Ether = 1) Greater Than 1

APPEARANCE

Clear, Colorless Liquid

SECTION IV. FIRE AND EXPOSURE HAZARD DATA

FLASH POINT (method used)

12 °F (cc)

FLAMMABLE LIMITS

Uel

Lel

(°F)

7.1%

1.3%

FIRE EXTINGUISHING MEDIA

Alcohol foam, dry chemical or carbon dioxide.

SPECIAL FIRE-FIGHTING PROCEDURES

Self-contained breathing apparatus.

UNUSUAL FIRE AND EXPLOSION HAZARD

SECTION V. HEALTH HAZARD

THRESHOLD LIMIT VALUE

0 ppm

HEALTH HAZARDS

Harmful if inhaled. Harmful or fatal if swallowed.

FIRST AID PROCEDURES

If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. If swallowed, do not induce vomiting. If on face of contact, immediately wash with water.

BIRD 013233

SECTION VI. REACTIVITY DATA

STABILITY	UNSTABLE		CONDITIONS TO AVOID
	STABLE	X	

INCOMBATIBILITY (material to avoid) Aluminum Chloride; Permanganate; Sulfuric Acid; Potassium Peroxide; Silver Perchlorate; Oxidizing Agents

HAZARDOUS DECOMPOSITION PRODUCTS

HAZARDOUS POLYMERIZATION	MAY OCCUR		CONDITIONS TO AVOID
	WILL NOT OCCUR	X	

SECTION VII. SPILL AND DISPOSAL PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Eliminate all sources of ignition. Absorb on sand, earth or vermiculite.
Carefully sweep up and place in a suitable container.

WASTE DISPOSAL METHOD

DISPOSE OF BY MEANS AS TO COMPLY WITH ALL LOCAL, STATE, AND FEDERAL REGULATIONS
OR CONTACT AN APPROVED AND LICENSED DISPOSAL AGENCY.

SECTION VIII. PROTECTION INFORMATION

RESPIRATORY PROTECTION (specify type)

Self-contained breathing apparatus.

VENTILATION	LOCAL	SPECIAL
	MECHANICAL (general) fume hood	OTHER

PROTECTIVE GLOVES Rubber	EYE PROTECTION Safety Glasses
-----------------------------	----------------------------------

OTHER PROTECTIVE EQUIPMENT

SECTION IX. HANDLING AND STORAGE PRECAUTIONS

STORAGE AND HANDLING

SECTION X. MISCELLANEOUS INFORMATION

Benzene is recognized as a carcinogen.

INFORMATION FURNISHED BY: Gaston L. Pillori	TITLE Manager of Quality Assurance
--	---------------------------------------

The above information is believed to be accurate and represents the best information currently available to us. However, WE MAKE NO WARRANTY OF MERCHANTABILITY OR ANY OTHER WARRANTY, EXPRESS OR IMPLIED, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their