



QUICK IDENTIFIER
 (as used in label and list)
 175 Blue Fluid

MATERIAL SAFETY DATA SHEET

SECTION I PRODUCT IDENTIFICATION

COMMON NAME

175 Blue Fluid

PRODUCT FILE NUMBER

920:405-924BB-9

MANUFACTURER'S NAME

Meriam Instrument

ADDRESS

10920 Madison Ave.

CITY, STATE, ZIP

Cleveland, Ohio 44102

PRODUCT MODEL NUMBER

924BB

PRODUCT USE

Indicating Fluid

EMERGENCY PHONE NUMBERS

1-800-424-9300 (US), 1-703-527-3887 (International)

ENGINEERING CONTROL DATA

MSDS - A35800-1, Rev. J, EO 5224

Drawing - A35321

DATE PREPARED

3-1-02

SECTION II HAZARDOUS INGREDIENTS

1. Chemical Name: Diazene-42

OSHA/PEL: NA

ACGIH/TVL: NA

% : 100

Bromoethylbenzenes CAS No: 1585-07-5

Dibromoethylbenzenes CAS No: 30812-87-4

Tribromoethylbenzenes CAS No: 31195-17-2

4. Chemical Name: Blue Dye

CAS No: 17354-14-2

OSHA/PEL: NE

ACGIH/TVL: NE

% : Trace

2. Chemical Name: Kerosene

CAS No: 8008-20-6

OSHA/PEL: NA

ACGIH/TVL: 50mg/M³

% : <1

3. Chemical Name: Chlorotrifluoroethylene polymer

CAS No: 9002-83-9

OSHA/PEL: NE

ACGIH/TVL: NE

% : <1

SECTION III PHYSICAL & CHEMICAL DATA

BOILING POINT

400-500°F (250-300°C)

VAPOR DENSITY (AIR=1)

9.4

EVAPORATION RATE

NE

APPEARANCE & ODOR

Blue color, Moth ball odor

SPECIFIC GRAVITY (H₂O=1)

1.75 @ 13.2°C

SOLUBILITY IN WATER

Negligible

MELTING POINT

NE

VAPOR PRESSURE (20°C)

NA

REACTIVITY IN WATER

NA

pH

NA

SECTION IV FIRE & EXPLOSION DATA

FLASH POINT

>200°F

METHOD USED

FLAMMABLE LIMITS (in Air % by Vol.)

LEL

NA

UEL

NA

AUTO-IGNITION TEMPERATURE

NA

EXTINGUISHER MEDIA

Water, CO₂, Chemical Foam

SPECIAL FIRE FIGHTING PROCEDURES

Evacuate area of all unnecessary personnel. Use NIOSH/MSHA approved self-contained breathing apparatus and other protective equipment.

UNUSUAL FIRE AND EXPLOSION HAZARDS

Emits toxic fumes under fire conditions.

SECTION V REACTIVITY DATA

STABILITY

Stable

CONDITION TO AVOID

Avoid contact with finely divided reducing such as powdered aluminum

INCOMPATIBILITY (Materials to Avoid)

Same as above

HAZARDOUS DECOMPOSITION PRODUCTS

Carbon oxides, Hydrogen Bromide

HAZARDOUS POLYMERIZATION

Will not occur

CONDITIONS TO AVOID

NA

SECTION VI HEALTH HAZARDS

ACUTE

EYES

May cause mild irritation, redness, and tearing.

May cause slight irritation. May cause severe irritation with repeat or prolonged contact.

INGESTION

NA

INHALATION

May cause irritation of nasal and respiratory passages.

CHRONIC EFFECTS OF EXPOSURE

May cause Liver and Kidney damage. To the best of our knowledge all toxicological properties have not been thoroughly investigated.

CHEMICAL LISTED AS CARCINOGEN OR POTENTIAL CARCINOGEN

National Toxicology Program

NA

I.A.R.C. Monographs

NA

OSHA

NA

SECTION VII EMERGENCY & FIRST AID PROCEDURE

EYES

Immediately flush eyes with plenty of water for at least 15 minutes while holding eyelids open. Get medical attention.

SKIN CONTACT

Remove contaminated clothing and wash with soap and water. If irritation occurs, get medical attention.

INHALATION

Remove from exposure. Seek medical attention.

INGESTION

Induce vomiting. Seek medical attention immediately.

SECTION VIII SPILL OR LEAK PROCEDURES

RESPONSE TO SMALL SPILLS

Absorb with absorbent material. Dispose of properly.

WASTE DISPOSAL

Place in an appropriate disposal facility in compliance with Federal, State, and Local regulations.

SECTION IX SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION

Not typically required. If exposure exceeds permissible exposure limits wear a self-contained breathing apparatus in compliance with NIOSH/MSHA specifications. Comply with 29CFR 1910.134

VENTILATION

General (mechanical) room ventilation is generally satisfactory. Special, local ventilation may be needed at points where vapors can be expected to exceed exposure limits.

For the best protection wear compatible chemical resistant gloves. Wear additional protective garments were necessary.

EYE PROTECTION

Wear chemical goggles if there is likelihood of contact with eyes.

ADDITIONAL PROTECTIVE CLOTHING OR EQUIPMENT

Boots, aprons, or chemical suits should be used when necessary to prevent skin contact. Eye wash fountains and safety showers should be available for emergency use.

SECTION X SPECIAL PRECAUTIONS

-THIS PRODUCT IS FOR INDUSTRIAL AND LABORATORY USE ONLY

-Do not store in open, unlabeled or mislabeled containers.

-Store in cool, dry place with adequate ventilation.

-Keep away from flames and high temperatures.

-For personal hygiene protection, we recommend that employees wash thoroughly after handling product. Always wash up before eating, smoking, and using toilet facilities.

-Keep out of reach of children.

-HMIS rating HEALTH - 2 FLAMMABILITY - 1 REACTIVITY - 1

DISCLAIMER OF LIABILITY

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