



MATERIAL SAFETY DATA SHEET

SECTION I PRODUCT AND COMPANY IDENTIFICATION

COMMON NAME

175 Blue Fluid

PRODUCT FILE NUMBER

920:405-924BB-10

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. L, EO 6445

Drawing – A35321

DATE PREPARED

7-07-11

SECTION II HAZARDS IDENTIFICATION

ACUTE

EYES

May cause mild irritation, redness, and tearing.

SKIN CONTACT

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.

SECTION III COMPOSITION/INFORMATION ON INGREDIENTS

1.Chemical Name: Diazene-42
OSHA/PEL: NA
ACGIH/TLV: 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/TLV: E
% : Trace

2.Chemical Name: Kerosene
CAS No: 8008-20-6
OSHA/PEL: NA
ACGIH/TLV: 200 mg/m³
% : <1

3.Chemical Name: Chlorotrifluoroethylene polymer
CAS No: 9002-83-9
OSHA/PEL: NE
ACGIH/TLV: NE
% : <1

SECTION IV FIRST AID MEASURES

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 V FIRE FIGHTING MEASURES

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 VI ACCIDENTAL RELEASE MEASURES

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 VII HANDLING AND STORAGE

HANDLING AND STORAGE: Skin and eye contact should be avoided as good industrial practice. Wearing of protective gloves and eye protection is recommended. Wash hands and contaminated skin area after handling. Follow all warnings and precautions even after container is emptied. Wash thoroughly after handling or at the end of the shift.

OTHER PRECAUTIONS: Store in cool dry place away from strong oxidizers and acids. Keep container tightly closed when not in use. All handling equipment should be properly grounded to prevent the build-up of electrostatic charges. Storage area should be equipped with a CO2 system. Handle in accordance with good industrial hygiene and safety practices.

SECTION VIII EXPOSURE CONTROLS/PERSONAL PROTECTION

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.

PROTECTIVE GLOVES

For the best protection wear compatible chemical resistant gloves. Wear additional protective garments where 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 IX PHYSICAL & CHEMICAL PROPERTIES

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 X STABILITY AND REACTIVITY

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 XI TOXICOLOGICAL INFORMATION

Chemical Listed as Carcinogen or Potential Carcinogen**National Toxicology Program**

NA

I.A.R.C. Monographs

NA

OSHA

NA

SECTION XII ECOLOGICAL INFORMATION

Not Available

SECTION XIII DISPOSAL CONSIDERATIONS

Disposal: Dispose of all cleanup materials in accordance with all Local, State, and Federal regulations.

SECTION XIV TRANSPORT INFORMATION

Proper Shipping Name: N/A
Hazard Class or Division: N/A
Identification Number: N/A
Packing Group: N/A
Packing Authorization: N/A
IATA Packing Instructions: N/A

SECTION XV REGULATORY INFORMATION

TSCA (TOXIC SUBSTANCE CONTROL ACT): Not Provided

SARA Section 302 Extremely Hazardous Substances (EHS): Not Provided

SARA Section 304 CERCLA Hazardous Substances: Not Provided

SARA Section 311/312 Hazard Communication Standard (HCS): Not Provided

SARA Section 313 Toxic Chemical List (TCL): Not Provided

Clean Water Act CWA – Priority Pollutants: Not Provided

STATE REGULATIONS: California Proposition 65: Not Provided

INTERNATIONAL REGULATIONS:

SECTION XVI OTHER INFORMATION

-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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