



QUICK IDENTIFIER
as used in label and list
Propylene Glycol & Water

MATERIAL SAFETY DATA SHEET

SECTION I PRODUCT AND COMPANY IDENTIFICATION

COMMON NAME

Propylene Glycol & Water

PRODUCT FILE NUMBER

920:405-PROP GLY-8

MANUFACTURER'S NAME

Meriam Instrument

ADDRESS

10920 Madison Ave.

CITY, STATE, ZIP

Cleveland, Ohio 44102

PRODUCT MODEL NUMBER

PROP GLY

PRODUCT USE

Fill Fluid

EMERGENCY PHONE NUMBERS

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

ENGINEERING CONTROL DATA

MSDS - A35809, Rev. K, EO 7002

Drawing – A34045

DATE PREPARED

7-07-11

SECTION II HAZARDS IDENTIFICATION

ACUTE

EYES

Mildly irritating to the eyes.

SKIN CONTACT

NA

INGESTION

NA

INHALATION

NA

CHRONIC

CHRONIC EFFECTS OF EXPOSURE

No effects known, but unnecessary exposure to any chemical should be avoided.

SECTION III COMPOSITION/INFORMATION ON INGREDIENTS

1.Chemical Name: Propylene Glycol
CAS No: 57-55-6
OSHA/PEL: NA
ACGIH/TLV: NA
% : 68

2.Chemical Name: Water
CAS No: 7732-18-5
OSHA/PEL: NA
ACGIH/TLV: NA
% : 32

SECTION IV FIRST AID MEASURES

EYES

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

SKIN CONTACT

Remove contaminated clothing and wash off skin with soap and water. Wash contaminated clothes. If irritation develops, contact a physician.

INHALATION

Due to high boiling point, inhalation is not normally a problem. Remove to fresh air.

INGESTION

Take immediately to the hospital.

SECTION V FIRE FIGHTING MEASURES

FLASH POINT

None

METHOD USED

FLAMMABLE LIMITS (in Air % by Vol.)

LEL

NA

UEL

NA

AUTO-IGNITION TEMPERATURE

Not Determined

EXTINGUISHER MEDIA

Water fog, CO₂, Dry 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

None

SECTION VI ACCIDENTAL RELEASE MEASURES

RESPONSE TO SMALL SPILLS

Absorb with non-combustible absorbent material. Dispose of properly, prevent from entering sewers. The product is a non-hazardous waste when spilled material is disposed of defined in Resource Conservation Recovery Act (RCRA) regulations (40CFR261).

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 7 NOTES: Containers should not be opened until ready for use. Use clean non-sparking equipment and tools when handling.

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.

PROTECTIVE GLOVES

For the best protection wear nitrile, neoprene, PVC or natural rubber gloves.

EYE PROTECTION

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

ADDITIONAL PROTECTIVE CLOTHING OR EQUIPMENT

Eye wash fountains and safety showers should be available for emergency use.

SECTION IX PHYSICAL & CHEMICAL PROPERTIES

BOILING POINT

236 F 113 C

VAPOR DENSITY (AIR=1)

>1

EVAPORATION RATE

less than 0.01%

APPEARANCE & ODOR

colorless liquid, with slight odor

SPECIFIC GRAVITY (H₂O=1)

1.043

SOLUBILITY IN WATER

complete

MELTING POINT

-60 F

VAPOR PRESSURE (mmHg)

13

REACTIVITY IN WATER

None

pH

NA

SECTION X STABILITY AND REACTIVITY

STABILITY

Stable

CONDITION TO AVOID

NA

INCOMPATIBILITY (Materials to Avoid)

NA

HAZARDOUS DECOMPOSITION PRODUCTS

Carbon monoxide and unidentified organic compounds may be formed during combustion.

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

When released into the soil, this material is expected to readily biodegrade. When released into the soil this material is expected to leach into groundwater. When released into the soil this material is not expected to evaporate significantly.

When released into the water, this material this material is not expected to evaporate significantly. When released into the water, this material is expected to readily biodegrade.

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

ATA Packing Instructions: N/A

SECTION XV REGULATORY INFORMATION

SARA Section 313 Toxic Chemical List (TCL): This product does not contain components listed on the Section 313 Toxic Chemical List.

SARA Section 302 Extremely Hazardous Substances (EHS): This product does not contain any components regulated under Section 302 (40 CFR 355) as Extremely Hazardous Substances.

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 - 1 FLAMMABILITY - 0 REACTIVITY - 0

DISCLAIMER OF LIABILITY

The information contained herein is, to the best of our knowledge and belief, accurate. However, since the conditions of handling and use are beyond our control, we make no guarantee of the results, and assume no liability for damages incurred by use of this material. All chemicals may present unknown health hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards which exist. Final determination of suitability of the chemical is the sole responsibility of the user. User of any chemical should satisfy themselves that the conditions and methods of use assure that the chemical is used safely. NO REPRESENTATIONS OR WARRANTIES, EITHER EXPRESS OR IMPLIED, OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR ANY OTHER NATURE ARE MADE HEREUNDER WITH RESPECT TO THE INFORMATION CONTAINED HEREIN OR THE CHEMICAL TO WHICH THE INFORMATION REFERS. It is the responsibility of the user to comply with all applicable federal, state, local laws and regulations.
