

**GULF ENGINEERING COMPANY, LLC**

**WATER MANAGEMENT DIVISION**

**611 HILL STREET**

**JEFFERSON, LA 70121**

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**MATERIAL SAFETY DATA SHEET**

**METHYL PURPLE INDICATOR**

**CODE 829\***

**EMERGENCY TELEPHONE NUMBER**

**Chemtrec 1-800-424-9300**

**PRODUCT IDENTIFICATION**

**TRADE NAME: METHYL PURPLE INDICATOR, GESSCO CODE 829\***

**FORMULA: C<sub>15</sub>H<sub>15</sub>N<sub>3</sub>O<sub>2</sub>-HC1+C<sub>16</sub>H<sub>18</sub>N<sub>3</sub>SC1-3H<sub>2</sub>O**

**CHEMICAL NAMES/SYNONYMS: Methyl Red & Methylene Blue mixture in alcohol**

**DOT SHIPPING NAME: Isopropanol, 3, UN1219, PGII, FP12°C cc**

**DOT HAZARD CLASS: 3, FLAMMABLE LIQUID**

**PHYSICAL DATA (TYPICAL)**

**APPEARANCE: Dark green liquid**

**pH: N/A**

**ODOR: Alcohol**

**Solubility in water: Miscible**

**SPECIFIC GRAVITY (H<sub>2</sub>O = 1) N/D**

**Boiling Water: N/D**

**HAZARDOUS INGREDIENTS**

<b>COMPONENTS</b>	<b>%</b>	<b>TLV</b>
<b>Methyl Red</b>	<b>&lt;0.1</b>	<b>Not Determined</b>
<b>Methylene Blue</b>	<b>&lt;0.1</b>	<b>Not Determined</b>
<b>Isopropanol</b>	<b>99.9</b>	<b>500 mg/m<sup>3</sup></b>

**FIRE AND EXPLOSION DATA**

**FLASH POINT (method): 53<sup>0</sup>F - Propanol**

**EXTINGUISHING MEDIA: Alcohol foam, dry chemical, or carbon dioxide**

**SPECIAL FIRE FIGHTING PROCEDURES: N/A**

**UNUSUAL FIRE AND EXPLOSION HAZARDS: If involved in a fire, can release toxic gases.**

**HEALTH HAZARD DATA**

**EFFECTS OF OVEREXPOSURE: If inhaled, it could be irritating to the upper respiratory tract. Ingestion could cause nausea, dizziness, and abdominal pain. May be irritating to the eyes and skin.**

**EMERGENCY FIRST AID PROCEDURES:****Eyes:** Flush for 15-20 minutes with water and get medical attention.**Skin:** Wash skin thoroughly with soap and water.**Ingestion:** Get medical attention immediately**Inhalation:** Remove to fresh air.
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 REACTIVITY DATA  
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**STABILITY:** Stable**INCOMPATIBILITY:** Strong oxidizers**HAZARDOUS DECOMPOSITION PRODUCTS:** If involved in a fire, toxic gases could be released.**HAZARDOUS POLYMERIZATION:** Will not occur.
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 SPILL OR LEAK PROCEDURES  
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**STEPS TO BE TAKEN IN EVENT MATERIAL IS RELEASED OR SPILLED:** Remove ignition sources and ventilate. Absorb small quantities on paper towels.**WASTE DISPOSAL METHOD:** Evaporate in a safe place.
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 SPECIAL PROTECTION INFORMATION  
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**Specific Personal Protective Equipment**

Eyes: Avoid contact with eyes.

Skin: Avoid contact with skin.

Respiratory: Avoid breathing vapors.

Other: N/A

**Ventilation Requirements:** Use adequate ventilation to maintain TLV.
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 SPECIAL PRECAUTIONS  
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**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:** Keep container tightly closed when not in use.**OTHER PRECAUTIONS:** None

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\*\*The fourth digit of the code number designates package size:

GESSCO CODE 8292 - 2 OUNCE BOTTLE

GESSCO CODE 8295 - PINT BOTTLE