

GULF ENGINEERING COMPANY, LLC

WATER MANAGEMENT DIVISION

611 HILL STREET

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MATERIAL SAFETY DATA

PHENOLPHTHALEIN INDICATOR

CODE 825*

EMERGENCY TELEPHONE NUMBER

Chemtrec 1-800-424-9300

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PRODUCT IDENTIFICATION

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TRADE NAME: PHENOLPHTHALEIN INDICATOR, GESSCO CODE 825*

FORMULA: C₂₀H₁₄O₄

CHEMICAL NAMES/SYNONYMS: Phenolphthalein

DOT SHIPPING NAME: Alcohol, nos., 3, UN1987, PGII, F.P. =55⁰F

DOT HAZARD CLASS: 3, Flammable liquid

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PHYSICAL DATA (TYPICAL)

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APPEARANCE: Colorless Liquid

pH: N/D

ODOR: Alcohol odor

Solubility in water: Complete

SPECIFIC GRAVITY (H₂O = 1) N/D

Boiling Water: N/D

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HAZARDOUS INGREDIENTS

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COMPONENTS	%	TLV
Phenolphthalein	0.5	not determined
Denatured Alcohol:		
Ethanol	65.0	1000 ppm
Ethyl Acetate	<5.0	400 ppm
Methanol	<5.0	200 ppm
Methyl Isobutyl Ketone	<5.0	100 ppm

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FIRE AND EXPLOSION DATA

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FLASH POINT : 55⁰F

EXTINGUISHING MEDIA: Alcohol foam, dry chemical, CO₂

SPECIAL FIRE FIGHTING PROCEDURES: N/A

UNUSUAL FIRE AND EXPLOSION HAZARDS: Vapors are flammable and explosive. Toxic gases could be formed.

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HEALTH HAZARD DATA

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EFFECTS OF OVEREXPOSURE: If taken internally, serious gastric disturbances may result.

Avoid prolonged eye and skin contact.

EMERGENCY FIRST AID PROCEDURES:

Eyes: Flush with water for 15-20 minutes.

Skin: Wash skin with soap and water.

Ingestion: Induce vomiting and get medical attention.

Inhalation: Remove to fresh air.

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REACTIVITY DATA

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STABILITY: Stable

INCOMPATIBILITY: Acetaldehyde, mineral acids, isocyanates, hydrogen peroxide, oxidizing materials.

HAZARDOUS DECOMPOSITION PRODUCTS: Combustion will produce carbon dioxide and probably carbon monoxide.

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: Eliminate ignition sources. Flush spill area with water.

WASTE DISPOSAL METHOD: Flush to sewer where possible. Otherwise, collect with absorbent material, bury or incinerate.

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SPECIAL PROTECTION INFORMATION

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Specific Personal Protective Equipment

Eyes:	Not Required
Skin:	Not Required
Respiratory:	Not Required
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: Avoid unnecessary contact with vapors. Avoid sparks, flames, etc. and keep container tightly closed.

Other Precautions: None

Information and data herein are believed to be accurate and compiled from reliable sources. Buyer assumes all risk of use, storage, and handling to comply with State, Federal and Local regulations. GESSCO CHEMICAL DIVISION makes no warranty express or implied concerning the accuracy or completeness of the information supplied.

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

GESSCO CODE 8252 - 2 OUNCE BOTTLE

GESSCO CODE 8255 - PINT BOTTLE