

**GULF ENGINEERING COMPANY, LLC
WATER MANAGEMENT DIVISION**

**611 HILL STREET
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MATERIAL SAFETY DATA**

**CHROMATE INDICATOR
CODE 820***

Revised August, 2000

**EMERGENCY TELEPHONE NUMBER
Chemtrec 1-800-424-9300**

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PRODUCT IDENTIFICATION

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TRADE NAME: CHROMATE INDICATOR – GESSCO CODE 820*

FORMULA: K₂CrO₄

CHEMICAL NAMES/SYNONYMS: POTASSIUM CHROMATE

DOT SHIPPING NAME: Oxidizing liquid, n.o.s. (potassium chromate), 5.1, UN3139, PGII

DOT HAZARD CLASS: UN 3139, 5.1, OXIDIZER

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PHYSICAL DATA (TYPICAL)

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APPEARANCE: Yellow liquid

pH: N/A

ODOR: Odorless

Solubility in water: Complete

SPECIFIC GRAVITY (H₂O = 1) 1.04

Boiling Water: 212° – 215°F

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HAZARDOUS INGREDIENTS

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COMPONENTS	%	TLV
Potassium Chromate	5.0	0.5 mg/M³

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FIRE AND EXPLOSION DATA

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FLASH POINT (method): N/A

EXTINGUISHING MEDIA: N/A

SPECIAL FIRE FIGHTING PROCEDURES: N/A

UNUSUAL FIRE AND EXPLOSION HAZARDS: Dry material is an oxidizing agent. Can be a fire hazard if allowed to evaporate.

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HEALTH HAZARD DATA

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EFFECTS OF OVEREXPOSURE: Can irritate skin and mucous membranes.

EMERGENCY FIRST AID PROCEDURES:

Eyes: Flush with water for 15-20 minutes.

Skin: Wash thoroughly with water.

Ingestion: If conscious, induce vomiting and get medical attention.

Inhalation: N/A

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REACTIVITY DATA

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STABILITY: Stable

INCOMPATIBILITY: Contact with other materials should be avoided.

HAZARDOUS DECOMPOSITION PRODUCTS: Not determined.

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: Absorb with inert materials, such as vermiculite or sand.

WASTE DISPOSAL METHOD: Package absorbent material for burial or safe incineration.

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SPECIAL PROTECTION INFORMATION

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Specific Personal Protective Equipment

Eyes: Wear safety glasses.

Skin: Wear plastic or rubber gloves.

Respiratory: N/A

Other: N/A

Ventilation Requirements: Use adequate ventilation to maintain TLV levels.

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SPECIAL PRECAUTIONS

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PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Keep container tightly closed and avoid contact with skin.

Other Precautions: None

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

GESSCO CODE 8202 – 2 OUNCE BOTTLE

GESSCO CODE 8205 – PINT BOTTLE