

## \*\*\*\* MATERIAL SAFETY DATA SHEET \*\*\*\*

## 2-99102 - Fuel Injector Cleaner

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## \*\*\*\* SECTION 1 - CHEMICAL PRODUCT AND MANUFACTURER IDENTIFICATION \*\*\*\*

**Product Name:** 2-99102 - Fuel Injector Cleaner

**Part Number:**

2-99102

**Product CAS:** (None)

**Product Code:** 2-99102

**Synonyms:** 2-99102 - Fuel Injector Cleaner

**MANUFACTURER IDENTIFICATION**

**Name:** Gold Eagle Company

**Address:** 4400 S. Kildare Blvd.

**City:** Chicago                      **State:** IL                      **Zip:** 60632-4372

**For information call:** 773-376-4400

**Emergency Number:** N/A

**Emergency Agency:** INFOTRAC

**Agency Number:** 1-800-535-5053

**MSDS Effective Date:** 11/29/2010

**MSDS Supersedes Date:** 3/11/2010

**Miscellaneous:**

Product CAS: Mixture

Brief Description: Fuel system cleaner for automotive engines.

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## \*\*\*\* SECTION 2 - COMPOSITION, INFORMATION ON INGREDIENTS \*\*\*\*

Chemical Name	CAS	MIN	MAX
Additive Mixture	(none)	0	10
Petroleum Distillate	64742-47-8	80	100

**Miscellaneous:**

CHEMICAL NAME	LIMIT VALUES
Additive Mixture (CAS#:Mixture)	N/A
Petroleum Distillate	N/A
Petroleum Oil (CAS#=Mixture)	N/A

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**\*\*\*\* SECTION 3 - HAZARDS IDENTIFICATION \*\*\*\***

**EMERGENCY OVERVIEW:**

**NFPA: Health: 1 Fire: 2 Reactivity: 0 Specific Hazard: None**

**HMIS: Health: 1 Flammability: 2 Reactivity: 0 PPE: B**

**Miscellaneous:**

This product does not contain any components above de minimus concentrations that are considered carcinogenic by OSHA, IARC or NTP.

**POTENTIAL HEALTH EFFECTS****Target Organs/Primary Route(s) of Entry:****Eye:**

Irritant.

**Skin:**

Irritant

**Ingestion:**

Toxicity is relatively low, there is a risk of aspiration of product into the lungs. On ingestion of large quantities, slight GI discomfort diarrhea, and headache may occur. Small doses may produce irritation and diarrhea.

**Inhalation:**

Low risk of inhalation. Mists above TLV may cause chemical pneumonitis.

**Miscellaneous:**

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**\*\*\*\* SECTION 4 - FIRST AID MEASURES \*\*\*\***

**Eye:**

If the product contacts the eyes, immediately wash the eyes with large quantities of room temperature water for at least 15 minutes, occasionally lifting the lower and upper lids. Get medical attention immediately.

**Skin:**

If the product contacts the skin, promptly wash the contaminated skin with soap and

water for at least 15 minutes. If this product penetrates the clothing, promptly remove the clothing and wash the skin with soap and water.

**Ingestion:**

Do not induce vomiting, product contains petroleum distillate. Get medical attention immediately.

**Inhalation:**

Move the exposed person to fresh air at once and call emergency medical care. If breathing has stopped, give artificial respiration. If breathing is difficult, give humidified oxygen.

**Notes to Physician:**

No data available.

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**\*\*\*\* SECTION 5 - FIRE FIGHTING MEASURES \*\*\*\***

**Flash Point:** 165 F.

**AutoIgnition Temperature:** N/A

**Flammable Limits**

**Lower Limit:** Explosive Limit (LEL): 0.8

**Upper Limit:** Explosive Limit (UEL): 7.0

**Extinguishing Media:**

Use carbon dioxide, dry chemical, foam and/or water fog as extinguishing media.

**Unusual Fire and Explosion Hazards:**

Water may cause frothing

**Special Fire Fighting Procedures:**

Wear NIOSH approved SCBA respirator in the positive pressure mode and chemical protective clothing.

**General Information:**

Flammable Limits: 0.8 to 7.0

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**\*\*\*\* SECTION 6 - ACCIDENTAL RELEASE MEASURES \*\*\*\***

**Small Spill:** Remove sources of heat or ignition, provide adequate ventilation, contain leak using absorbent, inert, non-combustible material.

**Large Spill:** Contain spill, transfer to secure containers. In the event of an uncontrolled material release, the user should determine if release is reportable under applicable laws and regulations.

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**\*\*\*\* SECTION 7 - HANDLING AND STORAGE \*\*\*\***

**Handling:**

See other sections of MSDS.

**Storage:**

See other sections of MSDS.

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**\*\*\*\* SECTION 8 - EXPOSURE CONTROLS, PERSONAL PROTECTION \*\*\*\*****GENERAL HYGIENE CONSIDERATIONS:**

Use normal hygiene practices.

**OTHER PRECAUTIONS:**

Product is combustible, handle accordingly.

**ENGINEERING CONTROLS:**

Local Exhaust: Provide local ventilation to maintain exposure levels below recommended exposure limits.

Mechanical (General): In confined spaces, mechanical ventilation may be required.

Special Ventilation: OSHA TWA=5mg/m<sup>3</sup>

**PERSONAL PROTECTIVE EQUIPMENT****Eyes/face:**

Use splash proof chemical, safety goggles or appropriate full-face respirator.

**Skin:**

Use oil impervious gloves as required.

**Respirators:**

Normally none is required. If high vapor or mist concentration are expected, use appropriate NIOSH approved respirator for organic vapors and mists. Respirators must be selected based on the airborne levels found in the workplace and must not exceed the working limits of the respirator.

**Other Protective Clothing/Equipment:**

If there is a possibility of exposure of an individual's body to the product, wear body-covering work clothes to avoid prolonged or repeated exposure.

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**\*\*\*\* SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES \*\*\*\*****Appearance/Odor:**

Amber liquid, solvent odor

**pH:** N/A

**Vapor Pressure:** (MM HG): N/A

**Vapor Density(Air=1):** GT 1.0

**Evaporation Rate:** N/A

**Viscosity:** N/A

**Boiling Point:** GT 200 F. (GT 95 C.)

**Freezing/Melting Point:** N/A

**Decomposition Temperature:** N/A

**Solubility in Water:** Negligible

**Specific Gravity:** 0.83

**Molecular Formula:** N/A

**Molecular Weight:** N/A

**VOC Coating (minus water):** 0 Lbs/Gallon

**Coating Density :** 0 Lbs/Gallon

**Solvent Density :** 0 Lbs/Gallon

**Percent Solvent (volume):** 60

**Percent Solids (volume):** 0

**Percent Water (volume):** 0

**Percent Volatile by Weight:** 0

**Miscellaneous:**

% Volatile/Volume: 100.0

Percent Solvent (Volume): N/A

Percent Solids (Volume): N/A

Percent Water (Volume): N/A

Product is combustible, keep away from sources of ignition, oxidizing materials and acid. Store in an area equipped with automatic sprinklers or fire extinguishing system. Empty containers contain product residues, assume emptied containers to have same hazards as full containers.

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**\*\*\*\* SECTION 10 - STABILITY AND REACTIVITY \*\*\*\***

**Chemical Stability:**

Stable: Yes

**Conditions to Avoid:**

Store below 150 F. Do not apply high heat or flame to container. Keep separate from strong oxidizing agents.

**Incompatibilities with Other Materials:**

Strong oxidants.

**Hazardous Decomposition Products:**

Excessive heating and/or incomplete combustion will produce carbon monoxide.

**Hazardous Polymerization:**

Hazardous polymerization may occur: No

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**\*\*\*\* SECTION 11 - TOXICOLOGICAL INFORMATION \*\*\*\***

No data available.

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**\*\*\*\* SECTION 12 - ECOLOGICAL INFORMATION \*\*\*\***

No data available.

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**\*\*\*\* SECTION 13 - DISPOSAL CONSIDERATIONS \*\*\*\***

Dispose of product in accordance with local, state, and federal regulations. Before attempting clean up, refer to other sections of MSDS for hazard warning information.

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**\*\*\*\* SECTION 14 - TRANSPORT INFORMATION \*\*\*\***

**Transportation Information:**

Shipping Information (CFR 49 and IMDG):

Proper Shipping Name: Additive, Fuel

DOT Hazard Class: None required

DOT UN Number: None required

IMDG Shipping Name: Non-hazardous product, flashpoint greater than 140.0 F

Schedule B#: 3811.19.0000

**Label Information:**

No data available.

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**\*\*\*\* SECTION 15 - REGULATORY INFORMATION \*\*\*\***

SARA Title III:

Section 302: None

Section 304: None

Section 311: None  
Section 313: None

CERCLA:

Section 311(b)(4): Requires discharges of crude oil and petroleum products in any kind or form to waters must immediately be reported to the National Response Center at (800) 424-8802.

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**\*\*\*\* SECTION 16 - ADDITIONAL INFORMATION \*\*\*\***

Disclaimer: Information presented herein is believed to be factual, as it has been derived from the works and opinions of persons believed to be qualified experts. However, nothing contained in this information is to be taken as warranty or representation for which the Gold Eagle Co. bears legal responsibility. The user should review any recommendations in the specific context of the intended use to determine whether they are appropriate.

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