

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

NB1400 - NAPA Radiator Cleaner

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

**Product Name:** NB1400 - NAPA Radiator Cleaner

**Product CAS:** (None)

**Product Code:** NB1400

**Synonyms:** NB1400 - NAPA Radiator 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:** 3/10/2005

**MSDS Supersedes Date:**

**Miscellaneous:**

Product CAS: Mixture

Brief Description: Organic rust inhibitor for automotive coolant systems.

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

Chemical Name	CAS	MIN
MAX		

Gluconic Acid	526-95-4	0
5		
SODIUM HYDROXIDE (SOLUTION)	1310-73-2	0
5		

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

**EMERGENCY OVERVIEW:**

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

**HMIS: Health: 1 Flammability: 0 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:**

Severe Irritant.

**Skin:**

Irritant.

**Ingestion:**

Treat patient for ingestion, pH of product is alkaline 9.5 to 11.0

**Inhalation:**

Respiratory irritation and coughing.

**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. A follow up visit to an ophthalmologist should be made. Contact lenses should not be worn when

working with  
this chemical.

**Skin:**

If the product contacts the skin, promptly wash the contaminated skin with soap and water for at least 15 minutes. Get medical attention as required.

**Ingestion:**

If this product is ingested and the person is conscious, induce vomiting. Do not induce an unconscious person to vomit. 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:** N/A

**AutoIgnition Temperature:** N/A

**Flammable Limits**

**Lower Limit:** Explosive Limit (LEL): N/A

**Upper Limit:** Explosive Limit (UEL): N/A

**Extinguishing Media:**

Carbon dioxide, dry chemical, foam and water fog.

**Unusual Fire and Explosion Hazards:**

Combustion can produce toxic oxide of nitrogen.

**Special Fire Fighting Procedures:**

Use SCBA apparatus operated in pressure demand or other positive pressure mode.

**General Information:**

Flammable Limits: N/A

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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:**

None.

**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: N/A

Other Ventilation: N/A

**PERSONAL PROTECTIVE EQUIPMENT**

**Eyes/face:**

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

**Skin:**

Use natural rubber or neoprene gloves as required.

**Respirators:**

Normally not required.

**Other Protective Clothing/Equipment:**

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

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**\*\*\*\* SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES \*\*\*\***

**Appearance/Odor:**

Clear, water white liquid

**pH:** 9.5 to 11.0

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

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

**Evaporation Rate:** N/A

**Viscosity:** N/A

**Boiling Point:** 212 F. (100 C.)

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

**Decomposition Temperature:** N/A

**Solubility in Water:** Soluble

**Specific Gravity:** 1.05

**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):** 0

**Percent Solids (volume):** 0

**Percent Water (volume):** 0

**Percent Volatile by Weight:** 0

**Miscellaneous:**

% Volatile/Volume: N/A

Percent Solvent (Volume): N/A

Percent Solids (Volume): N/A

Percent Water (Volume): N/A

Miscellaneous Information: None

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

**Chemical Stability:**

Stable: Yes

**Conditions to Avoid:**

Copper and strongly alkaline materials and products.

**Incompatibilities with Other Materials:**

N/A

**Hazardous Decomposition Products:**

Oxides of nitrogen.

**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: Cleaning Compound, N.O.I.

DOT Hazard Class: None required.

DOT UN Number: None required.

IMDG Shipping Name: Non Hazardous Consumer Product

**Label Information:**

Caution: Skin & Eye Irritant. Read cautions on back panel.

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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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