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**MATERIAL SAFETY DATA SHEET**  
**IN CASE OF LEAK OR SPILL CALL CANUTEK**  
1 (613) 996-6666  
Emergency Telephone No. (604) 795-9918

**MILGO SR**

**Section I - Product Identification**

**Product Name:** Milgo SR  
**Product Number:** C020-SR  
**CAS Number:** Blend  
**SPECIAL NOTES: Milgo SR is manufactured by:**

DRI-EAZ Products, Inc., 1320 Josh Wilson Road, Burlington WA 98233.  
For Information call 1-800-932-3030 For emergencies call 1-800-535-5053

**Section II – Composition / Information on Ingredients**

<u>Chemical Name</u>	<u>Amount</u>	<u>CAS Number</u>
Glutaraldehyde	0.3 %	111-30-8
Isopropanol	3.0 – 6.0 %	67-63-0
Water	60.0 – 100.0 %	7732-18-5

(See Section 8 for exposure guidelines) (See Section 15 for regulatory information)

**Section III – Hazards Identification**

**CAUTION:** Avoid inhalation. Avoid eye contact.

**NFPA Rating: Health: 1 Flammability: 0 Reactivity: 0 Special Hazard: None**

**POTENTIAL HEALTH EFFECTS**

**Eye:** Causes eye irritation. **Skin:** Causes skin irritation

**Inhalation:** Causes respiratory tract irritation.

**Ingestion:** Harmful if swallowed.

**Medical Conditions Aggravated by Exposure:** May aggravate an existing dermatitis.

**Section IV – First Aid Measures**

**Eye Contact First Aid:** In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention if irritation develops or persists.

**Skin Contact First Aid:** Immediately flush skin with plenty of water. Use dermatologist-recommended hand reams.

**Inhalation First Aid:** Remove to fresh air.

**Ingestion First Aid:** Drink plenty of fluids. If nausea persists, see a physician.

**Statement of Practical Treatment:** If irritation persists, see a physician.

**Section V – Fire Fighting Measures**

<b>Flammable Properties</b>	<b>COC Flash Point:</b> N/A	<b>Autoignition Temperature:</b> N/A
<b>Flammable Limits in Air</b>	<b>LEL:</b> N/A	<b>UEL:</b> N/A
<b>Extinguishing Media:</b>	Non required.	
<b>Fire &amp; Explosion Hazards:</b>	None.	
<b>Fire Fighting Instructions:</b>	None required.	

**Section VI – Accidental Release Measures**

**Safeguards (Personnel):** Avoid breathing vapor.

**Initial containment:** Absorb spills with inert material.

**Large Spills Procedure:** Absorb spill with inert material (e.g., dry sand or earth), then place in a chemical waste container.

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**Section VII – Handling and Storage**

**Handling (Personnel):** Avoid breathing (dust, vapor, mist, gas).

**Section VIII – Exposure Controls / Personal Protection**

**Engineering Controls:** Good general ventilation should be sufficient to control airborne levels.  
**Eye / Face Protection Requirements:** Use side-shield safety goggles when handling concentrate.  
**Skin Protection Requirements:** Use rubber, butyl-, or polyethylene gloves when handling concentrate.  
**Respiratory Protection Requirements:** Use facemask in small areas. Important to have proper ventilation. Use organic vapor respirator with pre-filter if aerosoling.  
**Miscellaneous:** Normal work clothes and shoes. Wash contaminated clothing before reuse.

**Exposure Guidelines:**

Glutaraldehyde – OSHA Ceiling Limit: 0.05 ppm, 0.2 mg/m<sup>3</sup>

Isopropanol – Immediate Lethal Dosage: 2000 ppm

OSHA TWA: 400 ppm, 980 mg/m<sup>3</sup>

ACGIH TWA: 400 ppm, 983 mg/m<sup>3</sup>

ACGIH STEL: 500 ppm, 1230 mg/m<sup>3</sup>

**Section IX – Physical and Chemical Properties**

**Form:** Liquid **Color:** Light green **Odor:** Lemon scent  
**Boiling Point:** 100 C **Solubility in Water:** Complete **Specific Gravity:** 1 (Water = 1)  
**pH:** 7.0 – 7.5

**Section X – Stability and Reactivity**

**Stability:** Stable **Polymerization:** Hazardous polymerisation will not occur.  
**Incompatibility with Other materials:** None **Decomposition:** None.

**Section XI – Toxicological Information**

**Glutaraldehyde**

Test Code: Inhalation LC50 Species: Rat Results: 480 mg/m<sup>3</sup>/4H

Test Code: Oral LD50 Species: Rat Results: 134 mg/Kg

Test Code: Dermal LD50 Species: Rabbit Results: 2560 mg/Kg

**Isopropanol**

Test Code: Oral LD50 Species: Rat Results: 5045 mg/Kg

Test Code: Dermal LD50 Species: Rabbit Results: 12800 mg/kg

**Section XII – Ecological Information**

**Isopropanol**

Test Code: Acute Aquatic Toxicity (96 hr.) Species: Fathead minnow Results: 1000 mg/L

Test Code: Acute Aquatic Toxicity (48 hr.) Species: Golden orfe Results: 8970 mg/L

Test Code: Acute Aquatic Toxicity (24 hr.) Species: Goldfish Results: >5000 mg/L

**Section XIII – Disposal Considerations**

**Waste Disposal:** Triple rinse container. Dispose in a legal incinerator or landfill.

**Section XIV – Transportation Information**

**Product Label:** Milgo SR **M.O.T. Shipping Name:** Not regulated

**Miscellaneous:** IATA Shipping Classification: Not regulated

IMO / IMDG Shipping Classification: Not regulated

*Please see the other side for more information.*

Section XV – Regulatory Information

Regulatory Lists Searched:

01=SARA Title III Section 302 02=SARA Title Section 313
03=RCRA Hazardous Waste Codes 04=CERCLA Hazardous Substances
05=Clean Air Act 06=California Prop. 65
07=Florida Right-to-Know 08=Massachusetts Right-to-Know
09=Pennsylvania Right-to-Know 10=Pennsylvania Right-to-Know

EEC Symbols and Indications of Danger: None

R-Phrases: R36/37/37 – Irritating to eyes, respiratory system and skin.

S-Phrases: S24/25 – Avoid contact with skin and eyes.

WHMIS Hazard Symbols: None

Canadian Disclosure List: Isopropanol (67-63-0)

SARA Title III – Section 313: Isopropanol (67-63-0)

Clean Air Act – Section 112: Glutaraldehyde (111-30-8)

Title V: Isopropanol (67-63-0)

Miscellaneous Information: This material or all of its components are listed on the Inventory of Existing Chemical Substances under the Toxic Substance Control Act (TSCA).

Glutaraldehyde and isopropanol can be found on the following state right-to-know lists: California, Florida, Massachusetts, Minnesota, New Jersey, and Pennsylvania.

Section XVI – Other Information

Prepared by: Edward Durrant Approved by: Dale Jansen
Title: Product Development Manager Approval Date: June 30, 2000
Supercedes Date: October 2, 1998 RTN Number: 00000006 (Official Copy)

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END OF MSDS

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