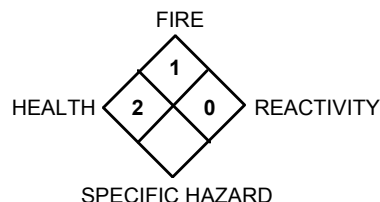




# Material Safety Data Sheet (USA)

## MILGO PLUS

HAZARD RATING:  
 4 = EXTREME  
 3 = HIGH  
 2 = MODERATE  
 1 = SLIGHT  
 0 = INSIGNIFICANT



### SECTION 1 – Product Information

Product Name <b>MILGO PLUS</b>	Chemical Family <b>Quaternary Ammonium Compound</b>	EPA Number <b>10324-113-53440</b>
Distributor's Name <b>DRI-EAZ PRODUCTS, INC.</b>	Supplier's Name	
Street Address <b>15180 Josh Wilson Road, Burlington, WA 98233</b>	Street Address	
Information Telephone Number <b>(360) 757-7776, (800) 932-3030</b>	Date Prepared <b>June 29, 2001</b>	City, State, Zip
Emergency Telephone Number <b>(800) 535-5053</b>	Sig. of Preparer (optional)	Emergency Telephone Number

### SECTION 2 – Hazardous Ingredients

HAZARDOUS INGREDIENTS	Weight	TWA/TLV	CAS
Alkyl (C <sub>12</sub> -C <sub>16</sub> ) dimethyl benzyl ammonium chloride	2.170%	ND	68424-85-1
Octyl decyl dimethyl ammonium chloride	1.627%	ND	32426-11-2
Dioctyl dimethyl ammonium chloride	0.814%	ND	5538-94-3
Didecyl dimethyl ammonium chloride	0.814%	ND	7173-51-5
Tetrasodium ethylenediamine tetraacetate	2.500%	ND	64-02-8
Citric acid	0.325%	ND	77-92-9

### SECTION 3 – Physical / Chemical Characteristics (Fire & Explosion Data)

Appearance and Odor Colorless to light straw in color, benzaldehyde odor	Percent Volatile (by weight) ND	Solubility in Water Soluble
Boiling Point (°F) ND	pH 6 - 9	Auto Ignition Temp ND
Density (H <sub>2</sub> O=1) 0.9994 (Rel. Den.)	Lower Explosion (%): ND	Upper Explosion (%): ND
Flash Point Over 200° F	Special Fire Fighting Procedures Cool fire exposed containers with spray. Must wear MSHA/NIOSH approved self contained breathing apparatus.	
Extinguishing Media Dry Chemical, Water Fog, CO <sub>2</sub> , Foam	Unusual Fire and Explosion Hazards Explosive mixtures can form with air. Combustion products are toxic. Solvent vapors can travel to an ignition source and flash back.	

### SECTION 4 – Physical Hazards

Stability Stable	Incompatibility (Conditions to Avoid) Do not mix with strong oxidizers or reducing agents
Hazardous Polymerization Will not occur	Hazardous Decomposition Byproducts Toxic hydrogen chloride fumes, oxides of carbon and nitrogen

PRODUCT IDENTIFIER

**MILGO PLUS****SECTION 5 – Health Hazards**

Most Likely Route(s) of Entry

**Skin Contact, Inhalation, Eye Contact.**

Health Hazards (Acute and Chronic)

**Inhalation:** Irritation of mucous membrane can be caused by solvent vapors or mists of products.**Eye Contact:** Corrosive. Severe eye damage can result from direct contact.**Skin Contact:** Severe irritation. Corrosive.**Ingestion:** May be fatal. Burning pain in the mouth, throat, abdomen, severe swelling of the larynx, skeletal muscle paralysis affecting the ability to breathe, circulatory shock, convulsions.

Emergency and First Aid Procedures

**Skin and eye:** In case of contact, immediately flush the eyes and skin with plenty of water for at least 15 minutes. For eyes, call a physician. Remove and wash contaminated clothing before reuse.**Ingestion:** If swallowed drink promptly, a large quantity of egg whites, gelatin solution or, if these are not available, drink large quantities of water. Avoid alcohol. Call a physician immediately. Note to Physician: Probable mucosal damage may contraindicate the use of gastric lavage.

Chemicals Listed as Carcinogen by:

OSHA

I.A.R.C. Monographs

National Toxicology Program

NO

NO

NO

**SECTION 6 – Toxicity**Acute Oral LD<sub>50</sub> Male and female rats combined 0.809g/kg body weight

Acute Dermal ND

Primary Skin Corrosive - Rabbits Tox. Category I for dermal effects

Primary Eye Corrosive - Rabbits Tox. Category I

**SECTION 7 – Special Protection Information**

Respiratory Protection (specify type)

None required if good ventilation is maintained. For mist or vapor wear NIOSH-approved respirator.

Ventilation

Protective Gloves

Mechanical (explosion proof)

Rubber or neoprene

Eye Protection

Other Protective Clothing or Equipment

Splashproof safety goggles

Impervious apron, eyewash facility, emergency shower, face shield

**SECTION 8 – Special Precautions and Spill/Leak Procedure**

Handling and Storing

Keep from freezing. Store in original container.

Spill and Leak Procedure

Remove ignition sources. Wear respirator. Small spills may be mopped up, flushed away with water or absorbed on some absorbent material and incinerated. Large spills should be contained; the material then moved into containers and disposed of by approved methods for hazardous wastes.

Waste Disposal

Incinerate. Make sure that all federal, state and local regulations are observed.

This form complies with OSHA's Hazard Communication Standard, 29 CFR 1910.1200. Dri-Eaz believes the above information is reliable. Handling of the designated product shall be restricted to qualified persons. Dri-Eaz makes no warranty, expressed or implied, with respect to such information and assumes no responsibility whatsoever for any damage which results from the use of such information or the designated product. Users must make their own tests when using the designated product with any other product or any process.