

## MSDS - Material Safety Data Sheet

Product Name: X-TENDER

OS No.: G188

## I. Basic Information:

Manufacturer: GRIFFIN BROS. INC

Address: P.O Box 42194

City, ST Zip: PORTLAND, OR 97242

Last Update: 6/11/98

Chemical State:  Liquid  Gas  Solid24 Hour Emergency  
CHEMTREC 800-424-9300Chemical Type:  Pure  Mixture

## II. Ingredients:

CAS No.	Chemical Name	% Range	EHS	NTP	IARC	SUB	SARA OSHA Z 313 PEL	ACGIH TLV	Other Limits
64028	Ethylenediaminetetraacetic Acid Sodium Salt						none	none	none
67630	Isopropyl alcohol (mfg-strong acid process)						X 400ppm	400ppm	none
3459094	Dipropylene glycol methyl ether						X 100ppm	100ppm	none

## III. Hazardous Identification:

HEALTH	1
FLAMMABILITY	2
REACTIVITY	0
PERSONAL PROTECTION	

## IV. First Aid Measures:

## Route(s) of Entry:

Eyes, Skin, Ingestion, Inhalation

## Health Hazards (Acute and Chronic):

Eyes-irritation./Skin-redness, possible dermatitis./Ingestion-Esophagal and Stomach Cramps./Inhalation-May cause dizziness and headache.

## Signs and Symptoms:

Irritation-burning sensation Cramps, Dizziness

## Medical Conditions Generally Aggravated by Exposure:

none known.

## Emergency and First Aid Procedures:

Skin-rinse with plenty of water./Eyes-rinse with water for 15 minutes./ Ingestion-Give water. Induce Vomiting. Call a physician if necessary./Inhalation-Remove to fresh air.

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**Product Name:** X-TENDER**MSDS No.:** G188**V. Fire Fighting Measures:****Flash Point:** 155F TOC      **Lower Explosive Limit:** 2      **Upper Explosive Limit:** 12.7**Fire Extinguishing Media:** nonflammable**Special Fire Fighting Procedures:**

none

**Unusual Fire and Explosion:**

none

**VI. Accidental Release Measures:****Steps to be Taken in Case Material is Released or Spilled:**

Mop or soak up with absorbant pads.

**VII. Handling and Storage:****Precautions to be Taken:**

Store below 120F

**Other Precautions:**

none

**VIII. Exposure Controls/Personal Protection:****Ventilation Requirements:**

Mechanical.. Local Exhaust.

**Personal Protective Equipment:**

Plastic or rubber gloves.Safety glasses .

**IX. Physical and Chemical Properties:****Boiling Point:** 200F      **Specific Gravity (H2O = 1)** 0.95      **Melting Point:** n/a      **Evaporation Rate:** >1**Vapor Pressure (mm Hg.):** >15      **Vapor Density (AIR = 1):** >1**Solubility In Water:** 100%**Appearance and Odor:** Pink or Blue, Alcohol odor.**X. Stability and Reactivity:****Stability:**

Stable.

**Incompatibility (Materials to Avoid):**

Strong oxidizers.

**Decomposition/By Products:**

none known.

**Hazardous Polymerization:**

Will not occur.

**XIII. Disposal Considerations:**

Dispose according to Local,State and Federal regulations.