

MSDS - Material Safety Data Sheet

Product Name: **KLINGER**

MSDS No.: G192

I. Basic Information:

Manufacturer: GRIFFIN BROS. Inc.

Address: P.O. Box 42194

City, ST Zip: Portland, OR 97242

Emergency / Information 800-456-4743

Last Update: 3/ 8/99

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	Z 313	SARA OSHA PEL	ACGIH TLV	Other Limits
0	Alkanolamide							none	none	none
111762	2-Butoxyethanol						X	25ppm	25ppm	none

III. Hazardous Identification:

HEALTH	1
FLAMMABILITY	0
REACTIVITY	0
PERSONAL PROTECTION	

IV. First Aid Measures:**Route(s) of Entry:**

Eyes, Skin, Ingestion, Inhalation.

Health Hazards (Acute and Chronic):

Eyes-irritation and possible corneal injury./Skin-redness, possible dermatitis./Ingestion-Esophagus and Stomach Cramps./Inhalation-Vapors and mist may irritate nose and throat. Higher concentration may cause headache and nausea.

Signs and Symptoms:

Irritation-burning sensation Cramps.

Medical Conditions Generally Aggravated by Exposure:

Dermatitis.

Emergency and First Aid Procedures:

Skin-rinse with water./Eyes-rinse with water for 15 minutes./ Ingestion-Give water. Do Not Induce Vomiting./Inhalation-Remove to fresh air. Call a physician if necessary.

V. Fire Fighting Measures:

Flash Point: none

Lower Explosive Limit: n/a

Upper Explosive Limit: n/a

Fire Extinguishing Media: Will not burn.

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Special Fire Fighting Procedures:

n/a

Unusual Fire and Explosion:

n/a

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

Mop and rinse with water.

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

Avoid excessive heat and avoid freezing.

Other Precautions:

none

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

Mechanical acceptable.

Personal Protective Equipment:

Plastic or rubber gloves. Safety glasses if contact likely.

IX. Physical and Chemical Properties:

Boiling Point:	214F	Specific Gravity (H₂O = 1)	1.08	Melting Point:	n/a	Evaporation Rate:	=1
Vapor Pressure (mm Hg.):	n/a	Vapor Density (AIR = 1):	n/a				
Solubility In Water:	100%						
Appearance and Odor:	blue transparent, lemon odor.						

X. Stability and Reactivity:**Stability:**

Stable.

Incompatibility (Materials to Avoid):

Oxidizing agents. Acids.

Decomposition/By Products:Oxides of nitrogen, CO and CO₂.**Hazardous Polymerization:**

Will not occur.

XIII. Disposal Considerations:

Dispose according to Local, State and Federal regulations.