

MSDS - Material Safety Data Sheet**Product Name: E-LEMONATOR****MSDS No.: G191****I. Basic Information:****Manufacturer:** GRIFFIN BROS. Inc.**Address:** P.O. Box 42194**City, ST Zip:** Portland, OR 97242**Last Update:**10/10/98**Chemical State:** Liquid Gas Solid

Emergency / Information 800-456-4743

24 Hour Emergency
CHEMTREC 800-424-933**Chemical Type:** Pure Mixture**II. Ingredients:**

CAS No.	Chemical Name	% Range	EHS	NTP	IARC	SUB	Z	SARA 313	OSHA PEL	ACGIH TLV	Other Limits
0	d-limonene/dipene								none	none	100ppm
6497219	Isodecyloxypropyliminodipropinoic acid monosodium salt								none	none	
111762	2-Butoxyethanol							X	25ppm	25ppm	none
9036195	Polyethylene glycol octylphenyl ether								none	none	none

Hazardous Identification:

HEALTH	1
FLAMMABILITY	0
REACTIVITY	0
PERSONAL PROTECTION	

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

Eyes, Skin, Ingestion.

Health Hazards (Acute and Chronic):

Eyes-irritation../Skin-redness, possible dermatitis./Ingestion-Esophagal and Stomach Cramps.

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.

MSDS - Material Safety Data Sheet**Product Name: E-LEMONATOR****MSDS No.: G191****V. Fire Fighting Measures:****Flash Point:** none **Lower Explosive Limit:** N/A **Upper Explosive Limit:** N/A**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:**Sanitation Requirements:**

local exhaust

Personal Protective Equipment:

Rubber gloves, splash goggles if contact likely.

IX. Physical and Chemical Properties:**Boiling Point:** 192F **Specific Gravity (H₂O = 1)** 0.93 **Melting Point:** n/a **Evaporation Rate:** 1**Vapor Pressure (mm Hg.):** =water **Vapor Density (AIR = 1):** =water**Solubility In Water:** 100%**Appearance and Odor:** clear liquid, citrus odor.**X. Stability and Reactivity:****Stability:**

Stable.

Incompatibility (Materials to Avoid):

strong alkalis

Decomposition/By Products:

carbon dioxide, carbon monoxide, sulfur dioxide.

Hazardous Polymerization:

Will not occur.

XIII. Disposal Considerations:

Dispose according to Local, State and Federal regulations.