

MSDS - Material Safety Data Sheet

Product Name: HYPINE-8 EPA #1839-112-1770

SDS No.: G158

I. Basic Information:

Manufacturer: GRIFFIN BROS. Inc.

Address: P.O. Box 42194

City, ST Zip: Portland, OR 97242

Last Update: 11/ 5/98

Chemical State: Liquid Gas Solid

Emergency / Information 800-456-4743

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

CAS No.	Chemical Name	% Range	EHS	NTP	IARC	SUB	Z 313	SARA OSHA PEL	ACGIH TLV	Other Limits
67630	Isopropyl alcohol (mfg-strong acid process)						X	400ppm	400ppm	none
8002093	Pine oil									
64175	Ethanol							1000ppm	1000ppm	none
0	n-alkyl (68% C12, 32% C14) dimethylbenzyl ammonium chlorides.							none	none	none
0	n-alkyl (60% C14, 30% C16, 5% C12, 5% C18) dimethyl benzyl ammonium chlorides							none	none	none

Hazardous Identification:

HEALTH	1
FLAMMABILITY	2
REACTIVITY	0
PERSONAL PROTECTION	

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

Eyes, Skin.

Health Hazards (Acute and Chronic):

Eyes-Irritation./Skin-Irritation

Signs and Symptoms:

Eyes-Redness, Irritation./Skin-Irritation

Medical Conditions Generally Aggravated by Exposure:

Dermatitis.

Emergency and First Aid Procedures:

Eyes-Rinse with water for 15 minutes. Call a physician if irritation persists./Skin Rinse with plenty of water. Change contaminated clothing.

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n/a

Unusual Fire and Explosion:

n/a

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

Mop up and rinse.

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

Avoid storing below 32F and over 100F

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

Mechanical

Personal Protective Equipment:

Rubber gloves. Safety glasses if contact likely.

IX. Physical and Chemical Properties:**Boiling Point:** 212F **Specific Gravity (H₂O = 1):** 0.85 **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:** amber color, pine scent**X. Stability and Reactivity:****Stability:**

Stable

Incompatibility (Materials to Avoid):

Avoid oxidizers.

Decomposition/By Products:May liberate CO, CO₂, ammonia and oxides of nitrogen.**Hazardous Polymerization:**

will not occur.

XIII. Disposal Considerations:

Dispose of according to Federal, State or Local regulations.