

MATERIAL SAFETY DATA SHEET

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No Blank Spaces Permitted By Law

SECTION I**PRODUCT INFORMATION**

Trade Name(s) Appearing on Labels:

Universal Peppermint Leaf and Powder

Chemical Names:

Mentha piperita

Manufacturer:

Marianna Industries, Inc.

11222 I St

Omaha NE 68137

Distributor/Importers:

Universal Companies, Inc.

18260 Oak Park Dr.

Abingdon, VA 24210

Emergency Phone:

Infotrac 800-457-4280

Business Phone:

800-433-5303

Preparer:

Marianna Industries, Inc.

SECTION II**POTENTIALLY HAZARDOUS INGREDIENTS**

<u>Chemical Identity</u>	<u>%</u>	<u>CAS Numbers</u>	<u>Exposure Limits In Air</u>			<u>Other</u>
			<u>OSHA (PEL)</u>	<u>ACGIH (TLV)</u>		
Eucalyptus Leaf and Powder	100	N/D	N/D	N/D		N/D

SECTION III**REACTIVITY AND STORAGE**

Proper Storage Conditions:

Store in a cool dry place in a sealed container

Conditions to Avoid:

Keep product away from heat and open flame

Incompatibility (materials to avoid):

Avoid Strong Oxidizing Agents

Harmful By-products:

Generates thick acrid smoke

Stability: Stable X Unstable _____ Hazardous
Polymerization: May Occur _____ Will Not Occur X

HAZARDOUS MATERIAL IDENTIFICATION SYSTEM RATINGS (HMIS)

HMIS Rating Scales: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe

This Product's Rating: Health: 0 Flammability: 0 Reactivity: 0
(With Other Chemicals)

SECTION IV**HEALTH HAZARDS**

Route(s) of Entry Into the Body: Inhalation: **X** Skin: **X** Ingestion: **X**

Ingredient(s) Listed as Cancer Causing Agents: NTP: **NO** IARC Monographs: **NO** OSHA Registered: **NO**

Health Hazards (Resulting from misuse or overexposure):

Short Term Effects:

EYE CONTACT: May be irritating to eyes.
INHALATION: May cause respiratory irritation
INGESTION: Unknown
SKIN: Unknown

Long Term Effects:

None.

Signs and Symptoms of Over-Exposure:

None.

Medical Conditions Generally Aggravated by Exposure:

NKn.

Emergency and First Aid Treatment

Eye Contact:

In the event of contact with eyes, irrigate with water for at least 15 minutes; obtain medical advice immediately.

Skin Contact:

Wash affected areas with water, if irritation persists, obtain medical advice.

Inhalation:

Remove from the exposure to fresh air. Contact a physician if necessary.

Ingestion:

Do not induce vomiting. Obtain medical advice immediately.

Target Organ(s) Effected:

NKn.

SECTION V	CONTROL MEASURES
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Specified Respiratory Protection:

Appropriate respiratory gear is recommended.

Ventilation Required:

Local Exhaust:

 X

Mechanical:

Special:

(Specify)

Protective Gloves:

Where contact is likely, wear protective gloves or clothing.

Eye Protection:

Safety glasses recommended

Work/Hygienic Practices:

Good manufacturing practices.

Other Special Precautions or Protective Equipment:

Eye wash station in work area.

SECTION VI	PRECAUTIONS FOR SAFE HANDLING AND USE
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Precautions to Be Taken in Handling and Storage:

Keep product away from heat and open flame. Keep container closed when not in use.

Other Precautions for Safe Use:

None.

Procedures to Be Followed in the Event of a Spill:

Absorb spill with inert material and then place in suitable containers.

Waste Disposal Method:

Place material and absorbent into sealed containers and observe all Federal, State and local regulations regarding waste disposal.

SECTION VII	PHYSICAL CHARACTERISTICS
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Water Solubility: Unknown

Specific Gravity (H₂O = 1): ND

Boiling Point: ND

Appearance: Free Flowing Powder

Vapor Pressure (mm Hg): ND

Melting Point: ND

Physical Form: Solid

Vapor Density (air = 1): ND

Odor: Typical of Peppermint Leaf Powder

Percent Volatile by Weight: N/A

Evaporation Rate (IPA =1): ND

SECTION VIII	FIRE AND EXPLOSION DATA
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Flash Point:

 ND

°C

 ND

°F

Method Used:

 ND

Flammable Limits in Air, % Volume

LeL:

 N/A

UeL:

 N/A Extinguishing Media X

Water Spray

Alcohol Foam

Carbon Dioxide

Other(specify)

Special Fire Fighting Procedures:

Use standard procedures and preferred extinguishing media above.

Hazardous Decomposition Products:

Thick Acrid Smoke.

Unusual Fire and/or Explosion Hazards:

None. Dust, in general, can be explosive in high concentrations. Do not allow dust to accumulate.

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Product Must Be Used With Adequate Ventilation and in Accordance With Manufacturers Instructions.

Abbreviations used:

NE = not established
NKn = not known
N/A = not applicable
N/D = no data

IPA = Isopropyl Alcohol (Rubbing Alcohol)
mm HG = millimeters of Mercury
PEL = Permissible Exposure Limit
TLV = Threshold Limit Value

CAS = Chemical Abstract Number
NTP = National Toxicology Program
IRAC = International Agency for Research on
Cancer
OSHA = Occupational Safety & Health Admin.
CHEMTREC = Chemical Transportation
Emergency Center

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Other Information or Special Instructions:

None.