

Material Safety Data Sheet

Fragrance Compound #4487 MacIntosh Apple
Customer Item No: F001099
Chemical Formula Mixture
Date of Preparation: 8/4/2009 Revised: 3/2015
Manufactured By: Belwood Aromatics, Inc., 8 Industrial Parkway, Ringwood, NJ 07456
Shelf Life: 1 year after manufactured date @ ambient temperature

Section 1 - Chemical Product and Company Identification

Fragrance Name: MacIntosh Apple
Chemical Formula: Fragrance Compound
CAS Number: Trade Secret
Other Designations: n/a

(For Transportation Emergencies Call Chemtrec: 800/424-9300)

Section 2 - Composition / Information on Ingredients

| Fragrance Name | CAS Number | %wt or % vol |
|---|----------------------|--------------|
| #4487 MacIntosh Apple for Potpourri Proprietary Composition | Trade Secret Mixture | 100% |

Section 3 - Hazards Identification

***** Emergency Overview *****

Potential Health Effects

Primary Entry Routes:

Target Organs: N/A

Acute Effects N/A

Inhalation: N/A

Eye: N/A

Skin: N/A

Ingestion: Ingestion can cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Carcinogenicity: N/A

Medical Conditions Aggravated by Long-Term Exposure: N/A

Chronic Effects: N/A

HMIS

H 0

F 1

R 0



Section 4 - First Aid Measures

- Inhalation:** Not expected to be a relevant route of exposure.
- Eye Contact:** Hold eyelids apart and immediately flush with plenty of clean lukewarm water for at least 15 minutes. Consult a physician.
- Skin Contact:** Remove product and immediately wash affected area with soap and water. Discard or launder contaminated clothing before reuse. Contaminated leatherwear should be discarded. If irritation persists, see a physician.
- Ingestion:** If swallowed, do not induce vomiting. Administer 2 glasses of water immediately. Obtain medical care and hospital treatment

After first aid, get appropriate in-plant, paramedic, or community medical support.

- Note to Physicians:** No specific antidote. Supportive care, treatment based on judgment of the physician in response to reactions of the patient.

- Special Precautions/Procedures:** Not Applicable

Section 5 - Fire-Fighting Measures

- Flash Point:** >200° F
- Flash Point Method:** Closed Cup
- Burning Rate:** N/A
- Autoignition Temperature:** unknown
- Flammability Classification:** N/A
- Extinguishing Media:** Use extinguishing media appropriate for surrounding fire.
- Unusual Fire or Explosion Hazards:** N/A
- Hazardous Combustion Products:** N/A
- Fire-Fighting Instructions:** Do not enter any enclosed or confined fire space without full protective equipment, including self-contained breathing apparatus (pressure-demand MSHA/NIOSH approved or equivalent) to protect against the hazardous effects of combustion products and oxygen deficiency.
- Fire-Fighting Equipment:** Because fire may produce toxic thermal decomposition products, wear a self-contained breathing apparatus (SCBA) with a full facepiece operated in pressure-demand or positive-pressure mode.

Section 6 - Accidental Release Measures

Spill/Leak Procedures:

Small Spills:

Contain spills immediately with inert materials (e.g. sand, earth). If material is spilled in a confined area, ventilate the area well. Keep spectators away. Floor may be slippery; use care to avoid falling. Transfer liquids and solid diking material to separate suitable containers for recovery or disposal. **CAUTION:** keep spills and cleaning runoff out of municipal sewers and open bodies of water.

Large Spills:

Use same procedure as small spill.

Containment:

For large spills, dike far ahead of liquid spill for later disposal. Do not release into sewers or waterways.



Section 7 - Handling and Storage

- Handling Precautions:** Store in a cool, dry place. Do not freeze. Spilled material is slippery. Wash thoroughly after handling.
- Storage Requirements:** Avoid subjecting this product to extreme temperature variations. Keep product containers tightly closed when not in use.

Section 8 - Exposure Controls / Personal Protection

- Engineering Controls:**
- Ventilation:** Good general ventilation should be sufficient.
- Administrative Controls:**
- Respiratory Protection:** No special protective devices or procedures required.
- Protective Clothing/Equipment:** Wear chemically protective gloves, boots, aprons, and gauntlets to prevent prolonged or repeated skin contact is optional. Wear protective eyeglasses or chemical safety goggles, per OSHA eye- and face-protection regulations (29 CFR 1910.133). Contact lenses are not eye protective devices. Appropriate eye protection must be worn instead of, or in conjunction with contact lenses.
- Safety Stations:** Make emergency eyewash stations, safety/quick-drench showers, and washing facilities available in work area.
- Contaminated Equipment:** Launder before reuse.
- Comments:** Never eat, drink, or smoke in work areas. Practice good personal hygiene after using this material, especially before eating, drinking, smoking, using the toilet, or applying cosmetics.

Section 9 - Physical and Chemical Properties

| | |
|--------------------------------|---------------------|
| Physical State: | Liquid |
| Appearance and Odor: | Water White / Apple |
| Vapor Pressure: | |
| Vapor Density (Air=1): | >1 |
| Formula Weight: | N/A |
| Density: | N/A |
| Specific Gravity@20 C | 0.876 - 0.976 |
| Refractive Index: | N/A |
| VOC | N/A |
| pH: | |
| Water Solubility: | Not Soluble |
| Other Solubilities: | N/A |
| Boiling Point: | N/A |
| Freezing/Melting Point: | N/A |
| Viscosity: | N/A |
| Surface Tension: | N/A |
| **% VOC: | 0.00% |

**In accordance with Title 17, California Code of Regulations, Article 2, Section 94507-94517, Consumer Products, this product is a fragrance, as defined by Section 94508(a)(36) and qualified under the Exemption, as specified in Section 94501(f)



Section 10 - Stability and Reactivity

Stability: Stable at room temperature in closed containers under normal storage and handling conditions.

Polymerization: Hazardous polymerization will not occur.

Chemical Incompatibilities: This product is considered stable under normal conditions of storages, shipment and/or use. Presents no significant reactivity hazards by itself or in contact with water.

Conditions to Avoid: Excessive heat/cold

Hazardous Decomposition Products: N/A

Section 11- Toxicological Information

Toxicity Data: No data

Eye Effects: . No data

Skin Effects: No data

Acute Inhalation Effects: No data

Acute Oral Effects: No data

Chronic Effects: No data

Carcinogenicity: No data

Mutagenicity: . No data

Teratogenicity: No data

Section 12 - Ecological Information

No ecological studies have been carried out on this product.

Section 13 - Disposal Considerations

Disposal: Dispose of contaminated product and materials used in cleaning up spills or leaks in a manner approved for this material.

Consult appropriate federal, state and local regulatory agencies to ascertain proper disposal procedures.

Empty containers will retain product residue and vapors and are subject to proper waste disposal, as above.

Section 14 - Transport Information

| Regulation | Proper Shipping Name | UN # | Hazard Class | Packing Group |
|------------|------------------------------|------|--------------|---------------|
| DOT | Not regulated, Non Hazardous | | | |
| IATA | Not regulated, Non Hazardous | | | |
| IMDG | Not regulated, Non Hazardous | | | |



Section 15 - Regulatory Information

U.S. Federal Regulations

Federal EPA: Comprehensive environmental response, compensation and liability act of 1980 (CERCLA) requires notification of the national response center of release of quantities of hazardous substances equal to or greater than the reportable quantities.

(rqs) in 40 CFR 302.4.

Components present in this product at a level that could require reporting under the statute are None known.

This mixture contains no suspected carcinogens as reported by NTP, ACGIH, OSHA or IARC at 0.1% or greater.

Superfund amendments and reauthorization act of 1986 (SARA) Title III.

Requires emergency planning based on threshold planning quantities (tpqs) and release reporting based on reportable (rqs) in 40 CFR 355 (used for SARA 302, 304, 311 and 312).

Components present in this product at a level that could require reporting under the statute are: See Sect. II

Requires submission of annual reports of release of toxic chemicals that appear in 40 CFR 372 (for SARA 313). this must be included in all MSDS's that are copied and distributed for this material.

Components present in this product at a level that could require reporting under the statute are: See Sect. II.

Canadian WHMIS:

This product is not listed in any Division, Class, or Subdivision.

Canadian Environmental Protection Act (CEPA):

None Known

EINECS:

No information.

State Regulations:

California Proposition 65:

This product contains trace levels of a component or components known to the state of California to cause cancer:

None Known

This product contains trace levels of a component or components known to the state of California to cause cancer and birth defects or other reproductive harm: None Known

Pennsylvania:

None known

New Jersey:

None Known

Section 16 - Other Information

Prepared By: Research and Development

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