

S A F E T Y D A T A S H E E T

We certify that the above fragrance mixture is in compliance with the Standards of the INTERNATIONAL FRAGRANCE ASSOCIATION (IFRA), 49th Amendment to the IFRA Code of Practice, published January 10, 2020 or independent supplier evaluation based on the RIFM (Research Institute for Fragrance Materials) Criteria Document and QRA2 (Quantitative Risk Assessment version 2), provided it is used in the following class(es).

The maximum usage levels by product category are as follows:

SECTION 1 – PRODUCT INFORMATION

1.1 PRODUCT IDENTIFIER

Raw Cinnamon + Apple

PRODUCT USE DESCRIPTION

- 1.2 Concentrated Fragrance Blend for use in customer product
 Not for personal use in this form or concentration
 Do not ingest as such and avoid eye contact

SUPPLIER OF THE SAFETY DATA SHEET

- 1.3 SCENTS & STORIES
 Email: support@scentsandstories.com
 Phone: 929.777.5350

FOR FURTHER INFORMATION, PLEASE CONTACT

- 1.4 After Hours Call Chemtrec: 1-800-424-9300 / Chemtrec International +1 703-527-3887
 National Poison Control Center: 412.681.6669

SECTION 2 – HAZARDS IDENTIFICATION

2.1 Classifications of Substance or Mixture:

- Hazard classifications are based on individual ingredient evaluation in accordance with GHS and other relevant regulations that follow. This product has not been tested as a whole.

Classification (REGULATION (EC) NO 1272/2008 and HCS 2012)

<u>HAZARD CLASS</u>	<u>CATEGORY</u>
Acute Toxicity (Oral)	5
Aspiration Toxicity	1
Environmental Hazard Aquatic Acute	2
Environmental Hazard Aquatic Chronic	2
Eye Damage/Irritation	2A
Flammable Liquids	4
Sensitization, Skin	1A
Skin Corrosion / Irritation	2

2.2 Label elements



<u>SIGNAL WORD</u>	<u>DANGER</u>
<u>HAZARD STATEMENTS</u>	<u>CATEGORY</u>
	H303 - May be harmful if swallowed. H304 - May be fatal if swallowed and enters airways. H401 - Toxic to aquatic life. H411 - Toxic to aquatic life with long lasting effects. H319 - Causes serious eye irritation. H227 - Combustible liquid. H317 - May cause an allergic skin reaction. H315 - Causes skin irritation.

Precautionary Statements:	
Prevention	P210 - Keep away from heat/sparks/open flames/hot surfaces – No smoking P261 - Avoid breathing dust/fume/gas/mist/vapours/spray P264 - Wash hands thoroughly after handling P273 - Avoid release to the environment P280 - Wear protective gloves/protective clothing/eye protection/face protection
Response	P321 - Specific treatment (see section 4 on SDS) P331 - Do NOT induce vomiting P337 - If eye irritation persists: P338 - Remove contact lenses if present and easy to do. Continue rinsing. P351 - Rinse cautiously with water for several minutes P362 - Take off contaminated clothing and wash before reuse P391 - Collect spillage P302+P352 - IF ON SKIN: Wash with soap and water P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing P370+P378 - In case of fire: Use water, carbon dioxide, dry chemical, or foam for extinction P317 - Get medical help P364 - And wash it before reuse P301+P316 - IF SWALLOWED: Get emergency medical help immediately P301+P317 - IF SWALLOWED: Get medical help P332+P317 - If skin irritation occurs: Get medical advice/attention P333+P317 - If skin irritation or rash occurs: get medical help P337+P317 - If eye irritation persists: Get medical help P362+P364 - Take off contaminated clothing and wash it before reuse P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

STORAGE	P405 - Store locked up P403+P235 - Store in a well ventilated place. Keep cool
Disposal	P403+P235 - Store in a well ventilated place. Keep cool P501 - Dispose of contents/containers in accordance with local/regional/federal regulations.

2.3 OTHER HAZARDS:

- No data available

SECTION 3 – Composition / Information On Ingredients

The composition of this proprietary blend is being withheld in accordance with the provisions of S1910.1200 of Title 29 of the Code of Federal Regulations (CFR).

3.1 SUBSTANCE:

- Not Applicable

3.2 MIXTURE

<u>GHS Hazard Materials</u>		
2-T-BUTYLCYCLOHEXYL ACETATE (CAS# 88-41-5)	20-30%	.H303.H316.H401.H411.
DIETHYL MALONATE (CAS# 105-53-3)	5-10%	.H319.H402.
EUGENIA CARYOPHYLLUS (CLOVE) LEAF OIL (CAS# 8000-34-8)	5-10%	.H303.H313.H316.H317.H319.H401.
CINNAMAL (CAS# 104-55-2)	5-10%	.H303.H312.H315.H317.H319.H401.
ORANGE TERPENES* (CAS# 68647-72-3)	5-10%	.H315.H317.H401.H411.
COUMARIN (CAS# 91-64-5)	1.0-5.0%	.H302.H317.H402.
METHYLCINNAMIC ALDEHYDE (CAS# 101-39-3)	1.0-5.0%	.H303.H317.H401.
ETHYL VANILLIN (CAS# 121-32-4)	1.0-5.0%	H303.H320.H402
ALPHA,3,3-TRIMETHYLCYCLOHEXYLMETHYL FORMATE (CAS# 25225-08-5)	1.0-5.0%	.H316.H401.H411.
ETHYLACETOACETATE ETHYLENE GLYCOL KETAL (CAS# 6413-10-1)	1.0-5.0%	.H316.
ETHYL 3,5,5-TRIMETHYLHEXANOATE (CAS# 67707-75-9)	1.0-5.0%	.H402.H412.
ETHYL 2-METHYLVALERATE (CAS# 39255-32-8)	1.0-5.0%	.H316.
CINNAMOMUM CASSIA LEAF OIL (CAS# 8007-80-5)	1.0-5.0%	.H303.H311.H315.H317.H319.H401.
ANISALDEHYDE (CAS# 123-11-5)	0.1-1.0%	.H303.
DAMASCONE DELTA (CAS# 57378-68-4)	0.1-1.0%	.H302.H317.H400.H410.
ROSE KETONE-4 (CAS# 23696-85-7)	0.1-1.0%	.H313.H317.

SECTION 4 – First Aid Measures

4.1 Description of First Aid Measures

General: If medical advice/attention is needed, have this safety data sheet or label at hand and seek medical advice immediately.

Inhalation: If inhaled, remove to fresh air. Seek medical attention immediately.

4.1 Description of First Aid Measures, continued

- Eye Contact: Flush immediately with cold water for at least 15 minutes. Remove contact lenses. Seek medical advice if symptoms persist or develop. Remove contaminated clothing.
- Ingestion: Do NOT induce vomiting unless advised by poison control or physician. Never give anything by mouth to an unconscious person. Seek medical attention immediately. Rinse mouth with water.

4.2 Most important symptoms and effects, both acute and delayed

- No information available

4.3 Indication of immediate medical attention and special treatment needed

- No information available

SECTION 5 – Fire Fighting Measures

5.1 Extinguishing media:

- Carbon Dioxide(CO2), Dry chemical or foam

5.2 Special hazards arising from substance or mixture:

- Do not use water on burning material
- Avoid sources of ignition (eg. sparks, open flames, heat) near empty containers

5.3 Advice for firefighters:

- No specific advice

SECTION 6 – Accidental Release Measures

6.1 Personal Precautions, Protective Equipment, and Emergency Procedures:

- Remove all sources of ignition. Avoid inhalation, skin, and eye contact. Ensure proper ventilation.

6.2 Environmental Precautions:

- Discharge into the environment must be avoided. Keep out of sewers, drainage areas, or waterways. Report spills and releases to the appropriate local, state, and federal agencies.

6.3 Methods for containment and cleaning up:

- No specific advice

SECTION 7 – Handling and Storage

7.1 Precautions for safe handling:

- Keep away from sparks, open flames, and excessive temperatures. Avoid contact with skin, eyes, or clothing. Avoid inhalation. Always keep container tightly closed and labeled. Avoid eating, drinking, and smoking near areas where material is stored or handled. Wear appropriate gloves, eye, and face protection. Follow good personal hygiene.

7.2 Precautions for safe storage, including any incompatibilities:

- Store in a cool, dry area with adequate ventilation. Keep container tightly closed when not in use.

Empty container handling:

- Empty containers should be completely drained, properly closed and returned to a drum or container disposal service. Do not reuse or alter containers in any way.

7.3 Specific end uses:

- No Information Available

SECTION 8 – Exposure Control / Personal Protection

8.1 Control Parameters

8.2 Exposure Controls:

- Avoid high temperatures while processing.

Engineering Controls

- Appropriate ventilation is required where product is handled and used.

Environmental Exposure Controls

- Minimize environmental release.

PERSONAL PROTECTIVE EQUIPMENT

Respiratory Protection:

- Respirators should be selected based on the form and concentration of contaminant in air and in accordance with OSHA (29 CFR 1910.134). Usually not required.

Protective Clothing:

- When contact is likely, wear protective gloves and clothing.

Eye Protection:

- Use goggles or face shield when eye contact might occur.

HMIS PPE Code:

- B (Safety glasses, gloves)

Occupational Exposure Limits:

- Have not been established

SECTION 9 – Physical and Chemical Properties

9.1 Information on basic physical and chemical properties

Physical State:	Liquid
Color (Gardner Scale):	Yellow
Odor	To match target
Odor Threshold:	No Data Available
pH value @ 20°C :	No Data Available
Vapor Pressure (mm Hg @ 20°C) :	0.117
Specific Gravity :	0.972
Relative Vapor Density (air = 1):	> 1
Solubility in Water:	No
Viscosity:	No Data Available
Flashpoint (TCCC):	180 F
Melting Point/Freezing Point:	No Data Available
Boiling Point:	No Data Available
Volatile Organic Compound Percentage:	9.01
Evaporation Rate:	No Data Available
Partition Coefficient: n-octanol/water :	No Data Available

9.1 Information on basic physical and chemical properties, continued

Lower Explosion Limit:	Product does not present an explosion hazard
Upper Explosion Limit:	Product does not present an explosion hazard
Auto-ignition Temperature:	Product is not self igniting
Decomposition Temperature:	5.74%

9.2 Other Safety Information:

- None

SECTION 10 – Stability and Reactivity

- 10.1 **Reactivity**
- Will not react violently with water.
 - Stable under normal temperature conditions (65-85 degrees F) and recommended use.
- 10.2 **Chemical Stability:**
- Presents no significant reactivity hazard.
- 10.3 **Possibility of Hazardous Reactions:**
- None known
- 10.4 **Conditions to Avoid:**
- Avoid sources of ignition.
 - Avoid extremes of temperature, direct sunlight, and temperatures close to flashpoint.
- 10.5 **Incompatible Materials:**
- Avoid contact with strong acids, alkalis, or oxidizing agents.
- 10.6 **Hazardous Decomposition Products:**
- None known.

SECTION 11 – Toxicological Effects

- 11.1 **Information on Toxicological effects:**
- This mixture has not been subjected to toxicological testing as a whole. The available data on the raw materials has been used to establish the health classification.
 - Acute Toxicity Estimates for individual ingredients has been used, where appropriate.

Acute Toxicity – Oral – Calculated LD50	May be harmful if swallowed.
Acute Toxicity – Dermal – Calculated LD50	not applicable - the classification criteria has not been met.
Acute Toxicity – Inhalation – Calculated LC50	not applicable - the classification criteria has not been met.
Skin Corrosion/irritation	Causes skin irritation.
Serious Eye Damage/irritation	Causes serious eye irritation.
Respiratory or Skin Sensitization	May cause an allergic skin reaction.
Germ Cell Mutagenicity	not applicable - the classification criteria has not been met
Carcinogenicity	not applicable - the classification criteria has not been met
Reproductive Toxicity	not applicable - the classification criteria has not been met
Specific Target Organ Toxicity – Single Exposure	not applicable - the classification criteria has not been met
Specific Target Organ Toxicity – Repeated Exposure	not applicable - the classification criteria has not been met
Aspiration Hazard	May be fatal if swallowed and enters airways.

SECTION 12 – Ecological Information

- 12.1 **Toxicity**
- This mixture has not been subjected to environmental toxicologic testing as a whole. The available data on the raw materials has been used to establish the environmental classification.
- Environmental Hazard Aquatic (Acute):**
- Toxic to aquatic life.
- Environmental Hazard Aquatic (Chronic):**
- Toxic to aquatic life with long lasting effects.
- 12.2 **Persistence and Degradability:**
- No Data Available
- 12.3 **Bioaccumulative Potential:**
- No Data Available
- 12.4 **Mobility in Soil:**
- No Data Available
- 12.5 **Other Adverse Effects:**
- No Data Available

Discharge into the environment must be avoided. Keep out of sewers, drainage areas, or waterways. Report spills and releases to the appropriate local, state, and federal agencies.

SECTION 13 – Disposal Considerations

- 13.1 **Waste Treatment Methods**
- Product**
- Discharge into the environment must be avoided.
 - Keep out of sewers, drainage areas, or waterways.
 - Dispose according to local, state, and federal regulations.
 - Handle per instructions under sections 6 thru 8.
- Packaging**
- Dispose according to local, state, and federal regulations

SECTION 14 – Transportation Information

Harmonized Tariff Code:	3302.90.10.10
Proper Shipping Names	
49CFR/ADR/RID (bulk)	NA1993, Combustible Liquid NOS (ORANGE TERPENES*), 3, III
49CFR/ADR/RID (non bulk)	Not Considered Hazardous
IATA/IMDG (< 5L)	Not Considered Hazardous
IATA/IMDG (bulk)	NA1993, Combustible Liquid NOS (ORANGE TERPENES*), 3, III
IATA/IMDG (non bulk)	UN3082, Environmentally Hazardous Substance, Liquid NOS (2-T-BUTYLCYCLOHEXYL ACETATE), 9, III

SECTION 15 – Regulatory Information

California Proposition 65 List:	Beta Myrcene (indirect from natural food sources) 0.1% (CAS: 123-35-3)
The listed materials that have been determined to come from a natural food source qualify for the Natural Food Source labeling exemption stated in 27 CCR § 25501 (a) & (b)	
The Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA):	None Known to Scents & Stories
Superfund Amendments and Reauthorization Act – section 313 (SARA 313) /Emergency Planning and Community Right-to-Know Act sections 302 & 304 (EPCRA):	None Known to Scents & Stories
Toxic Release Inventory (TRI):	None Known to Scents & Stories
Clean Air Act – section 112 (r) (CAA) :	None Known to Scents & Stories

*The aforementioned lists are subject to minimum quantity reporting thresholds, facility qualifications, and other factors that influence whether or not EPA reporting is necessary. The information above is given so that receiving parties can make the appropriate judgement on whether or not to report.

SECTION 16 – Other Information

The information provided by Scents & Stories, LLC in this Safety Data Sheet was written to the best of our knowledge, information, and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal, and release and is not intended to be considered a warranty or quality specification. It is the responsibility of the user to review all safety information about this product and determine its safety and suitability in their own processes and operations. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text. Appropriate warnings and safe handling procedures should be provided to all handlers and users. Scents & Stories, LLC shall not be held liable for any damage resulting from handling or from contact with the above product.