1 Identification

· **Product identifier**

Cinnamon Cider Ultrasonic Diffuser Oil

· **Product Code: 71796**

· **Details of the supplier of the safety data sheet**
· **Manufacturer/Supplier:**

· **Supplier**	**: Trapp Fragrances**
· **Address**	**: 1025 West 8th Street, Kansas City, Missouri 64101**
· **Telephone**	**: 1-800-670-4212**
· **e-mail**	**: www.trappfragrances.com**

· **Information department:** Regulatory Department
· **Emergency telephone number:**
During normal opening times: Call Chemtrec Day or Night
Domestic North America 800.424.9300

2 Hazard(s) identification

· **Classification of the substance or mixture**

· **GHS07**
Eye Irritation 2A H319 Causes serious eye irritation.
Sensitization - Skin 1 H317 May cause an allergic skin reaction.

· **Label elements**
· **GHS label elements** The product is classified and labeled according to the Globally Harmonized System (GHS).
· **Hazard pictograms**

GHS07

· **Signal word** Warning

· **Hazard-determining components of labeling:**
CINNAMIC ALDEHYDE
ALDEHYDE C-16
EUGENOL
ORANGE TERPENES
ORANGE OIL
CINNAMYL NITRILE
COUMARIN
· **Hazard statements**
Causes serious eye irritation.
May cause an allergic skin reaction.
· **Precautionary statements**
Avoid breathing dust/fume/gas/mist/vapors/spray
Wash thoroughly after handling.
Contaminated work clothing must not be allowed out of the workplace.
Wear protective gloves / eye protection / face protection.
If on skin: Wash with plenty of water.

If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
If skin irritation or rash occurs: Get medical advice/attention.
Specific treatment (see on this label).
If eye irritation persists: Get medical advice/attention.
Wash contaminated clothing before reuse.
Dispose of contents/container in accordance with local/regional/national/international regulations.

· ***Classification system:***
· ***NFPA ratings (scale 0 - 4)***

Health = 2
Fire = 1
Reactivity = 0

· ***HMIS-ratings (scale 0 - 4)***

*Health = *2*
Fire = 1
Reactivity = 0

· ***Other hazards***
· ***Results of PBT and vPvB assessment***
· ***PBT:*** *Not applicable.*
· ***vPvB:*** *Not applicable.*

3 Composition/information on ingredients

· ***Chemical characterization: Mixtures***
· ***Description:*** *Mixture of the substances listed below with nonhazardous additions.*

· ***Dangerous components:***

104-55-2	CINNAMIC ALDEHYDE Acute Toxicity - Dermal 3, H311; Skin Irritation 2, H315; Eye Irritation 2A, H319; Sensitization - Skin 1, H317	>2.5-<10%
100-52-7	BENZALDEHYDE Acute Toxicity - Oral 4, H302; Flammable Liquids 4, H227	>2.5-≤10%
85-91-6	DIMETHYL ANTHRANILATE Flammable Liquids 4, H227	≤2.5%
105-53-3	DIETHYL MALONATE Eye Irritation 2A, H319; Flammable Liquids 4, H227	≤2.5%
88-41-5	VERDOX Flammable Liquids 4, H227	≤2.5%
77-83-8	ALDEHYDE C-16 Sensitization - Skin 1, H317	≥1-≤2.5%
97-53-0	EUGENOL Acute Toxicity - Oral 4, H302; Eye Irritation 2A, H319; Sensitization - Skin 1, H317	≥1-≤2.5%
5989-27-5	ORANGE TERPENES Flammable Liquids 3, H226; Skin Irritation 2, H315; Sensitization - Skin 1, H317	≥0.1-<1%
8008-57-9	ORANGE OIL Flammable Liquids 3, H226; Aspiration Hazard 1, H304; Skin Irritation 2, H315; Sensitization - Skin 1, H317	≥0.1-<1%

Product name: Cinnamon Cider Ultrasonic Diffuser Oil

1885-38-7	CINNAMYL NITRILE Acute Toxicity - Dermal 3, H311; Sensitization - Skin 1, H317	≥0.1-<1%
91-64-5	COUMARIN Acute Toxicity - Oral 3, H301; Sensitization - Skin 1, H317	≥0.1-<1%

4 First-aid measures

· **Description of first aid measures**
· **After inhalation:**
Supply fresh air and to be sure call for a doctor.
In case of unconsciousness place patient stably in side position for transportation.
· **After skin contact:** Immediately wash with water and soap and rinse thoroughly.
· **After eye contact:**
Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
· **After swallowing:** If symptoms persist consult doctor.
· **Information for doctor:**
· **Most important symptoms and effects, both acute and delayed** No further relevant information available.
· **Indication of any immediate medical attention and special treatment needed**
No further relevant information available.

5 Fire-fighting measures

· **Extinguishing media**
· **Suitable extinguishing agents:**
CO2, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
· **Special hazards arising from the substance or mixture** No further relevant information available.
· **Advice for firefighters**
· **Protective equipment:** No special measures required.

6 Accidental release measures

· **Personal precautions, protective equipment and emergency procedures** Not required.
· **Environmental precautions:**
Dilute with plenty of water.
Do not allow to enter sewers/ surface or ground water.
· **Methods and material for containment and cleaning up:**
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Dispose contaminated material as waste according to item 13.
Ensure adequate ventilation.
· **Reference to other sections**
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.
· **Protective Action Criteria for Chemicals**

· **PAC-1:**		
100-52-7	BENZALDEHYDE	4 ppm
105-53-3	DIETHYL MALONATE	6.9 ppm
140-11-4	BENZYL ACETATE	30 ppm
5989-27-5	ORANGE TERPENES	15 ppm

91-64-5	COUMARIN	0.88 mg/m³
120-51-4	BENZYL BENZOATE	5.7 mg/m³
112-31-2	ALDEHYDE C-10	1.8 ppm
124-13-0	ALDEHYDE C-8	17 mg/m³
123-11-5	ANISIC ALDEHYDE	21 mg/m³
98-86-2	ACETOPHENONE	30 ppm
100-51-6	BENZYL ALCOHOL	30 ppm
· **PAC-2:**		
100-52-7	BENZALDEHYDE	9.9 ppm
105-53-3	DIETHYL MALONATE	76 ppm
140-11-4	BENZYL ACETATE	330 ppm
5989-27-5	ORANGE TERPENES	67 ppm
91-64-5	COUMARIN	9.7 mg/m³
120-51-4	BENZYL BENZOATE	63 mg/m³
112-31-2	ALDEHYDE C-10	19 ppm
124-13-0	ALDEHYDE C-8	190 mg/m³
123-11-5	ANISIC ALDEHYDE	230 mg/m³
98-86-2	ACETOPHENONE	330 ppm
100-51-6	BENZYL ALCOHOL	52 ppm
· **PAC-3:**		
100-52-7	BENZALDEHYDE	59 ppm
105-53-3	DIETHYL MALONATE	450 ppm
140-11-4	BENZYL ACETATE	2,000 ppm
5989-27-5	ORANGE TERPENES	170 ppm
91-64-5	COUMARIN	58 mg/m³
120-51-4	BENZYL BENZOATE	380 mg/m³
112-31-2	ALDEHYDE C-10	120 ppm
124-13-0	ALDEHYDE C-8	1,100 mg/m³
123-11-5	ANISIC ALDEHYDE	300 mg/m³
98-86-2	ACETOPHENONE	2000* ppm
100-51-6	BENZYL ALCOHOL	740 ppm

7 Handling and storage

· **Handling:**
· **Precautions for safe handling**
Ensure good ventilation/exhaustion at the workplace.
Prevent formation of aerosols.
· **Information about protection against explosions and fires:** No special measures required.

· **Conditions for safe storage, including any incompatibilities**
· **Storage:**
· **Requirements to be met by storerooms and receptacles:**
Store in a tightly sealed containers in a cool, dry place that is well ventilated. Away from heat, spark, and open flame.
· **Information about storage in one common storage facility:** Not required.

Product name: Cinnamon Cider Ultrasonic Diffuser Oil

· **Further information about storage conditions:** Keep receptacle tightly sealed.
· **Specific end use(s)** No further relevant information available.

8 Exposure controls/personal protection

· **Additional information about design of technical systems:** No further data; see item 7.

· **Control parameters**
· **Components with limit values that require monitoring at the workplace:**
The following constituent is the only constituent of the product which has a PEL, TLV or other recommended exposure limit.
At this time, the other constituents have no known exposure limits.

100-52-7 BENZALDEHYDE	
WEEL	Short-term value: 4 ppm Long-term value: 2 ppm DSEN

· **Additional information:** The lists that were valid during the creation were used as basis.

· **Exposure controls**
· **Personal protective equipment:**
· **General protective and hygienic measures:**
Keep away from foodstuffs, beverages and feed.
Immediately remove all soiled and contaminated clothing.
Wash hands before breaks and at the end of work.
Avoid contact with the eyes.
Avoid contact with the eyes and skin.
· **Breathing equipment:**
In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use respiratory protective device that is independent of circulating air.
· **Protection of hands:**

Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.
Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.
Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation
· **Material of gloves**
The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.
· **Penetration time of glove material**
The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

Product name: Cinnamon Cider Ultrasonic Diffuser Oil

· **Eye protection:**

Tightly sealed goggles

9 Physical and chemical properties

· **Information on basic physical and chemical properties**	
· **General Information**	
· **Appearance:**	
Form:	Liquid
Color:	Clear yellow to amber
· **Odor:**	Characteristic
· **Odor threshold:**	Not determined.
· **pH-value:**	Not determined.
· **Change in condition**	
Melting point/Melting range:	Undetermined.
Boiling point/Boiling range:	252 °C (485.6 °F)
· **Flash point:**	>93 °C (>199.4 °F)
· **Flammability (solid, gaseous):**	Not applicable.
· **Decomposition temperature:**	Not determined.
· **Auto igniting:**	Product is not selfigniting.
· **Danger of explosion:**	Product does not present an explosion hazard.
· **Explosion limits:**	
Lower:	Not determined.
Upper:	Not determined.
· **Vapor pressure:**	Not determined.
· **Density at 20 °C (68 °F):**	1.08195 g/cm³ (9.02887 lbs/gal)
· **Relative density**	Not determined.
· **Vapor density**	Not determined.
· **Evaporation rate**	Not determined.
· **Solubility in / Miscibility with**	
Water:	Fully miscible.
· **Partition coefficient (n-octanol/water):**	Not determined.
· **Viscosity:**	
Dynamic:	Not determined.
Kinematic:	Not determined.
· **Solvent content:**	
Organic solvents:	0.4 %
VOC content:	0.42 % 4.5 g/l / 0.04 lb/gal
Solids content:	1.0 %

Product name: Cinnamon Cider Ultrasonic Diffuser Oil

· **Other information** No further relevant information available.

10 Stability and reactivity

· **Reactivity** No further relevant information available.
· **Chemical stability**
· **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
· **Possibility of hazardous reactions** No dangerous reactions known.
· **Conditions to avoid** No further relevant information available.
· **Incompatible materials:** No further relevant information available.
· **Hazardous decomposition products:** No dangerous decomposition products known.

11 Toxicological information

· **Information on toxicological effects**
· **Acute toxicity:**

· **LD/LC50 values that are relevant for classification:**		
ATE (Acute Toxicity Estimate)		
Dermal	LD50	3,096 mg/kg

· **Primary irritant effect:**
· **on the skin:** No irritant effect.
· **on the eye:** Irritating effect.
· **Sensitization:** Sensitization possible through skin contact.
· **Additional toxicological information:**
The product shows the following dangers according to internally approved calculation methods for preparations:
Irritant

· **Carcinogenic categories**

· **IARC (International Agency for Research on Cancer)**		
97-53-0	EUGENOL	3
140-11-4	BENZYL ACETATE	3
5989-27-5	ORANGE TERPENES	3
91-64-5	COUMARIN	3

· **NTP (National Toxicology Program)**		
93-08-3	ORANGER CRYSTALS	R

· **OSHA-Ca (Occupational Safety & Health Administration)**
None of the ingredients is listed.

12 Ecological information

· **Toxicity**
· **Aquatic toxicity:** No further relevant information available.
· **Persistence and degradability** No further relevant information available.
· **Behavior in environmental systems:**
· **Bioaccumulative potential** No further relevant information available.
· **Mobility in soil** No further relevant information available.

Product name: Cinnamon Cider Ultrasonic Diffuser Oil

(Contd. of page 7)

· **Additional ecological information:**
· **General notes:**
Water hazard class 2 (Self-assessment): hazardous for water
Do not allow product to reach ground water, water course or sewage system.
Danger to drinking water if even small quantities leak into the ground.
· **Results of PBT and vPvB assessment**
· **PBT:** Not applicable.
· **vPvB:** Not applicable.
· **Other adverse effects** No further relevant information available.

13 Disposal considerations

· **Waste treatment methods**
· **Recommendation:**
Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

· **Uncleaned packagings:**
· **Recommendation:** Disposal must be made according to official regulations.
· **Recommended cleansing agent:** Water, if necessary with cleansing agents.

14 Transport information

· **UN-Number** · **DOT, IMDG, IATA**	not regulated
· **UN proper shipping name** · **DOT, IMDG, IATA**	not regulated
· **Transport hazard class(es)** · **DOT, ADN, IMDG, IATA** · **Class**	not regulated
· **Packing group** · **DOT, IMDG, IATA**	not regulated
· **Environmental hazards:**	Not applicable.
· **Special precautions for user**	Not applicable.
· **Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**	Not applicable.
· **UN "Model Regulation":**	not regulated

15 Regulatory information

· **Safety, health and environmental regulations/legislation specific for the substance or mixture**
· **Sara**

· **Section 355 (extremely hazardous substances):**
None of the ingredients is listed.

· **Section 313 (Specific toxic chemical listings):**

98-86-2	ACETOPHENONE

Product name: Cinnamon Cider Ultrasonic Diffuser Oil

· **TSCA (Toxic Substances Control Act):** All substances are active or exempt.

· **Hazardous Air Pollutants**	
93-08-3	ORANGER CRYSTALS
98-86-2	ACETOPHENONE

· **Proposition 65**

· **Chemicals known to cause cancer:**
None of the ingredients is listed.

· **Chemicals known to cause reproductive toxicity for females:**
None of the ingredients is listed.

· **Chemicals known to cause reproductive toxicity for males:**
None of the ingredients is listed.

· **Chemicals known to cause developmental toxicity:**
None of the ingredients is listed.

· **Carcinogenic categories**

· **EPA (Environmental Protection Agency)**		
98-86-2	ACETOPHENONE	D

· **TLV (Threshold Limit Value)**		
140-11-4	BENZYL ACETATE	A4

· **NIOSH-Ca (National Institute for Occupational Safety and Health)**
None of the ingredients is listed.

· **GHS label elements** The product is classified and labeled according to the Globally Harmonized System (GHS).
· **Hazard pictograms**

GHS07

· **Signal word** Warning

· **Hazard-determining components of labeling:**
CINNAMIC ALDEHYDE
ALDEHYDE C-16
EUGENOL
ORANGE TERPENES
ORANGE OIL
CINNAMYL NITRILE
COUMARIN
· **Hazard statements**
Causes serious eye irritation.
May cause an allergic skin reaction.
· **Precautionary statements**
Avoid breathing dust/fume/gas/mist/vapors/spray
Wash thoroughly after handling.
Contaminated work clothing must not be allowed out of the workplace.
Wear protective gloves / eye protection / face protection.
If on skin: Wash with plenty of water.
If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Product name: Cinnamon Cider Ultrasonic Diffuser Oil

If skin irritation or rash occurs: Get medical advice/attention.
Specific treatment (see on this label).
If eye irritation persists: Get medical advice/attention.
Wash contaminated clothing before reuse.
Dispose of contents/container in accordance with local/regional/national/international regulations.
· **Chemical safety assessment:** *A Chemical Safety Assessment has not been carried out.*

16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

· **Department issuing SDS:** *Regulatory Department*
· **Date of preparation / last revision 9/7/2022**
· **Abbreviations and acronyms:**
IMDG: International Maritime Code for Dangerous Goods
DOT: US Department of Transportation
IATA: International Air Transport Association
EINECS: European Inventory of Existing Commercial Chemical Substances
ELINCS: European List of Notified Chemical Substances
CAS: Chemical Abstracts Service (division of the American Chemical Society)
NFPA: National Fire Protection Association (USA)
HMIS: Hazardous Materials Identification System (USA)
VOC: Volatile Organic Compounds (USA, EU)
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent
PBT: Persistent, Bioaccumulative and Toxic
vPvB: very Persistent and very Bioaccumulative
NIOSH: National Institute for Occupational Safety
OSHA: Occupational Safety & Health
TLV: Threshold Limit Value
PEL: Permissible Exposure Limit
REL: Recommended Exposure Limit
Flammable Liquids 3: Flammable liquids – Category 3
Flammable Liquids 4: Flammable liquids – Category 4
Acute Toxicity - Oral 4: Acute toxicity – Category 4
Acute Toxicity - Dermal 3: Acute toxicity – Category 3
Skin Irritation 2: Skin corrosion/irritation – Category 2
Eye Irritation 2A: Serious eye damage/eye irritation – Category 2A
Sensitization - Skin 1: Skin sensitisation – Category 1
Aspiration Hazard 1: Aspiration hazard – Category 1