SECTION 1: IDENTIFICATION

Product Name: Adirondack Chair (No. 120)
Product Description: Fragrance Oil
Product Form: Mixture

Recommended Use:

Aromatic fragrance ingredient in concentrated form to be combined with other ingredients to create a finished product. Use according to established regulatory guidelines.

Recommended Restrictions:

For Manufacturing Use Only

Company:

Deep South Fragrance
11 Coolidge Avenue
Ormond Beach, Florida 32174
For Information Email: support@deepsouthfragrance.com

Emergency Contact Information:

No information available

SECTION 2: HAZARD(S) IDENTIFICATION

2.1 Classification of the Substance or Mixture

Class and Category of Danger:

Flammable Liquid Hazard Category 4
Acute Toxicity Oral Category 5
Skin Corrosion/Irritation Category 2
Eye Damage/Irritation Category 2
Sensitization Skin Category 1
Hazardous to the Aquatic Environment – Acute Hazard Category 2
Hazardous to the Aquatic Environment - Long term Hazard Category 2

H227 - Combustible liquid
H303 - May be harmful if swallowed
H315 - Causes skin irritation
H317 – May cause an allergic skin reaction
H319 - Causes serious eye irritation
H411 - Toxic to aquatic life with long lasting effects

2.2 Label Elements

Signal Word: Warning

Hazard Statements:

H227 Combustible liquid
H303 May be harmful if swallowed
H315 Causes skin irritation
H317 May cause an allergic skin reaction
H319 Causes serious eye irritation
H411 Toxic to aquatic life with long lasting effects

Precautionary Statements:

P210 Keep away from heat, sparks, open flames and hot surfaces. No smoking
P261 Avoid breathing dust/fume/gas/mist/vapors/spray
P264 Wash hands and other contacted skin thoroughly after handling
P272 Contaminated work clothing should not be allowed out of the workplace
P273 Avoid release to the environment
P280 Wear protective gloves/protective clothing/eye protection/face protection
P302 + P352 IF ON SKIN Wash with plenty of 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
P312 Call a POISON CENTER or doctor/physician if you feel unwell
P333 + P313 If skin irritation or rash occurs Get medical advice/attention
P337 + P313 If eye irritation persists: Get medical advice/attention
P362 Take off contaminated clothing and wash before reuse
P370 + P378 In case of fire: Use carbon dioxide, dry chemical, foam for extinction
P391 Collect spillage
P403 + P235 Store in well ventilated place. Keep cool
P501 Dispose of contents/container to approved disposal site, in accordance with local regulations

(GHS) Hazard Symbol(s):

2.3 Other Hazards

Other hazards:

None

SECTION 3: COMPOSITION AND INFORMATION ON INGREDIENTS

3.2 Mixtures

This product is a mixture of ingredients containing the following substances representing a health or environmental hazard according to GHS (Global Harmonized System).

Substance	CAS #	Percentage
METHYL DIHYDROJASMONATE	24851-98-7	6.98%
LILIAL SUB		6.82%
2-ISOBUTYL-4-METHYLTETRAHYDRO-2H-PYRAN-4-OL	63500-71-0	5.63%
alpha-ISO-METHYLIONONE	127-51-5	5.32%
2-tert-BUTYLCYCLOHEXYL ACETATE	88-41-5	4.95%
BENZYL ACETATE	140-11-4	4.56%
4-tert-BUTYLCYCLOHEXYL ACETATE	32210-23-4	3.89%
ALLYL CYCLOHEXANEPROPIONATE	2705-87-5	3.57%
PHENETHYL ALCOHOL	60-12-8	3.57%
TETRAHYDROLINALYL ACETATE	20780-48-7	3.57%
BENZYL SALICYLATE	118-58-1	3.41%
1,3,4,6,7,8-HEXAHYDRO-4,6,6,7,8,8-HEXAMETHYLCYCLOPENTA-gamma-2-BENZOPYRAN	1222-05-5	3.38%

DIHYDROMYRCENOL	18479-58-8	3.04%
GERANIOL	106-24-1	2.88%
3,7-DIMETHYL-1,6-NONADIEN-3-OL	10339-55-6	2.56%
gamma-UNDECALACTONE	104-67-6	2.56%
dl-CITRONELLOL	106-22-9	2.56%
TRICYCLODECENYL ACETATE	5413-60-5	2.24%
1-(1,2,3,4,5,6,7,8-OCTOHYDRO-2,3,8,8-TETRAMETHYL-2-NAPHTHALENYL)ETHANONE	54454-57-2	1.86%
alpha-HEXYLCINNAMALDEHYDE	101-86-0	1.86%
NERYL ACETATE	141-12-8	1.33%
GERANYL ACETATE	105-87-3	1.17%
2,2,-DIMETHYL-3-PHENYLPROPANOL	13351-61-6	0.87%
PIPERONAL	120-57-0	0.85%
2-METHYL-3-(p-IROPROPYLPHENYL)PROPIONALDEHYDE	103-95-7	0.69%
EUGENOL	97-53-0	0.48%
HEXYL SALICYLATE	6259-76-3	0.28%
LAURIC ALDEHYDE	112-54-9	0.16%
ALLYL HEXANOATE	123-68-2	0.16%
CITRONELLYL ACETATE	150-84-5	0.16%
2,6-DIMETHYL-5-HEPTENAL	106-72-9	0.16%

Substances with workplace exposure limits, not listed above:

Not applicable

Trade Secret Declaration:

The exact chemical makeup of this mixture is held to be a trade secret. Additional information will be made available upon request from authorized medical professionals through normal legal channels.

SECTION 4: FIRST AID MEASURES

4.1 Description of First Aid Measures

Inhalation:

Remove from exposure site to fresh air, keep at rest, and obtain medical attention

Eye Exposure:

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

Ingestion (Swallowing):

Rinse mouth with water and obtain medical attention

Skin Exposure:

IF ON THE SKIN: Wash with plenty of soap and water

4.2 Most Important Symptoms and Effects, Both Acute and Delayed

May be harmful if swallowed
Causes skin irritation
May cause an allergic skin reaction
Causes serious eye irritation

4.3 Indication of Any Immediate Medical Attention and Special Treatment Needed

None expected, see Section 4.1 for further information

SECTION 5: FIRE FIGHTING MEASURES

5.1 Suitable Extinguishing Media

Carbon dioxide (CO_2), foam, or dry chemical

5.2 Special Hazards Arising from the Substance or Mixture

In case of fire, may be liberated: Carbon monoxide, unidentified organic compounds

5.3 Advise for Fire Fighters

In case of insufficient ventilation, wear suitable respiratory equipment

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal Precautions, Protective Equipment and Emergency Procedures

Avoid inhalation. Avoid contact with skin and eyes. See protective measures under Section 7 and 8

6.2 Environmental Precautions

Keep away from drains, surface and ground water and soil

6.3 Methods and Material for Containment Cleanup

Remove ignition sources. Provide adequate ventilation. Avoid excessive inhalation of vapors. Contain spillage immediately by use of sand or inert powder. Dispose of according to local regulations

6.4 Reference to Other Sections

Also refer to Sections 8 and 13

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for Safe Handling

Keep away from heat, sparks, open flames and hot surfaces. No smoking. Use personal protective equipment as required. Use in accordance with good manufacturing and industrial hygiene practices. Use in areas with adequate ventilation. Do not eat, drink or smoke when using this product.

7.2 Conditions for Safe Storage, Including Any Incompatibilities

Store in well ventilated place. Keep container tightly closed. Keep cool. Ground/bond container and receiving equipment. Use explosion proof electrical, ventilating and lighting equipment. Use only non-sparking tools. Take precautionary measures against static discharge

7.3 Specific End Use(s):

Fragrances: Use in accordance with good manufacturing and industrial hygiene practices

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control Parameters

Workplace exposure limits:

Not applicable

8.2 Exposure Controls

Eye/Skin Protection:

Wear protective gloves/eye protection/face protection

Respiratory Protection:

Under normal conditions of use and where adequate ventilation is available to prevent build up of excessive vapor, this material should not require engineering controls. However, in conditions of high or prolonged use or high temperature or other conditions which increase exposure, the following engineering controls can be used to minimize exposure to personnel: a) Increase ventilation of the area with local exhaust ventilation b) Personnel can use an approved, appropriately fitted respirator with organic vapor cartridge or canisters and particulate filers c) Use closed systems for transferring and processing this material

Also refer to Sections 2 and 7

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on Basic Physical and Chemical Properties

Appearance:	Free flowing liquid without sediment
Odor:	Characteristic

Odor Threshold:	Not determined
pH:	Not determined
Melting Point/Freezing Point:	Not determined
Initial Boiling Point/ Range:	Not determined
Flash Point:	89 Degrees C
Evaporation Rate:	Not determined
Flammability (solid, gas):	Not determined
Explosive Limits:	Not an explosion hazard
Vapor Pressure:	Not determined
Vapor Density:	Not determined
Relative Density:	0.9370 - 0.9470
Solubility(ies):	Not determined
Partition coefficient: n-octanol/water:	Not determined
Auto-ignition Temperature:	Not determined
Decomposition Temperature:	Not determined
Explosive Properties:	Not expected
Oxidizing Properties:	Not expected

9.2 Other Information

Refractive Index @ 20C:	1.4675 - 1.4775
Flash Point:	193 Degrees F
Calculated VOC:	0.00
Color Range:	4 Pale Yellow to 6 Pale Yellow

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity

Product is non-reactive under normal conditions including transport, storage, and use.

10.2 Chemical Stability

Good stability under normal conditions including transport, storage, and use.

10.3 Possibility of Hazardous Reactions

No dangerous reaction known under normal conditions.

10.4 Conditions to Avoid

Avoid freezing, excessive temperatures, open flame, and improper storage. Avoid contamination.

10.5 Incompatible Materials

Avoid contact with strong acids, alkalis, or oxidizing agents

10.6 Hazardous Decomposition Products

None expected

SECTION 11: TOXICOLOGY INFORMATION

This mixture has not been tested, as a whole, for health effects. The health effects have been calculated using the methods outlined in UN GHS.

Acute Toxicity:	Acute Toxicity Oral Category 5
Acute Toxicity Oral:	4992
Acute Toxicity Dermal:	>5000
Acute Toxicity Inhalation:	Not Available
Skin Corrosion/Irritation:	Skin Corrosion/Irritation Category 2
Serious Eye Damage/Irritation:	Eye Damage/Irritation Category 2
Respiratory or Skin Sensitization:	Sensitization Skin Category 1
Germ Cell Mutagenicity:	Based on available data the classification criteria are not met
Carcinogenicity:	Based on available data the classification criteria are not met
Reproductive Toxicity:	Based on available data the classification criteria are not met

STOT – Single Exposure:	Based on available data the classification criteria are not met
STOT – Repeated Exposure:	Based on available data the classification criteria are not met
Aspiration Hazard:	Based on available data the classification criteria are not met
Information about Hazardous Ingredients in the mixture:	Not Applicable

Refer to Sections 2 and 3 for additional information

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity

Toxic to aquatic life with long lasting effects

12.2 Persistence and Degradability

No information available

12.3 Bio accumulative Potential:

No information available

12.4 Mobility in Soil

No information available

12.5 Other Adverse Effects

No information available

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste Treatment Methods

Dispose in accordance with local regulations. Avoid disposing into drainage systems and into the environment. Empty containers should be taken to an approved waste handling site for recycling or disposal

SECTION 14: TRANSPORTATION INFORMATION

14.1 UN Number

IMDG: UN3082
ADR,RID,ADN: UN3082
ICAO TI: UN3082

14.2 UN Proper Shipping Name

IMDG: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Allyl cyclohexanepropionate, Tetrahydrolinalyl acetate) MARINE POLLUTANT
ADR,RID,ADN: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Allyl cyclohexanepropionate, Tetrahydrolinalyl acetate)
ICAO TI: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Allyl cyclohexanepropionate, Tetrahydrolinalyl acetate)

14.3 Transport Hazard Class(es)

IMDG: 9
ADR,RID,ADN: 9
ICAO TI: 9

14.4 Packing Group

IMDG: III
ADR,RID,ADN: III
ICAO TI: III

14.5 Environmental Hazards

This is classified as an environmentally hazardous substance under the UN Model Regulations. This is classified as a Marine Pollutant under the IMDG Code

14.6 Special Precautions for User

No additional precautions

14.7 Transport in Bulk According to Annex II of MARPOL73 and the IBC Code

Not classified

SECTION 15: REGULATORY INFORMATION

Essential Oil Components:

Substance	CAS #	Percentage
ORANGE OIL FLORIDA	8028-48-6	4.26%

SECTION 16: OTHER INFORMATION

Concentration % Limits:

EH A2=15.90% EH A3=1.57% EH C2=18.02% EH C3=1.79% EH C4=68. 51% SCI 2=80.80% SCI 3=5.78% EDI 2A=16.77% SS 1=18.80%

Total Fractional Values:

EH A2=6.29 EH A3=63.71 EH C2=5.55 EH C3=55.96 EH C4=1.46 SCI 2=1.24 SCI 3=17.30 EDI 2A=5.96 SS 1=5.32

Key to Revisions:

Not applicable

Disclaimer:

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