

Safety Data Sheet
Cedar and Amber Fragrance Oil

September 8, 2015

Section 1: Chemical Product and Company Identification

Product name: Cedar and Amber Fragrance Oil

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Section 2: Hazards Identification

2.1 CLASSIFICATION OF THE SUBSTANCE:

Hazard Class	Category
Hazardous to the aquatic environment, Acute	1
Skin corrosion/irritation	2
Skin sensitization	1

2.2 LABEL ELEMENTS



2.3 Hazard Statements

Causes skin irritation
May cause an allergic skin reaction
Very toxic to aquatic life

2.4 Signal Word:

Warning

2.5 Precautionary Statements

Avoid release to the environment
Wash hands thoroughly after handling
Wear protective gloves/protective clothing/eye protection/face protection

Avoid breathing dust/fume/gas/mist/vapours/spray
Contaminated work clothing should not be allowed out of the workplace
Collect spillage
IF ON SKIN: Wash with soap and water
Specific treatment
If skin irritation occurs: Get medical advice/attention
Take off contaminated clothing and wash before reuse
If skin irritation or a rash occurs: Get medical advice/attention
Wash contaminated clothing before reuse
Dispose of contents/container according to local laws

Section 3: Composition/Information on Ingredients

3.1 Exceptions

Component Name	CAS Number	Weight % in Mixture
Iso E Super, Chem Item	54464-57-2	40 – 50 %
Iso Bornyl Acetate Chinese	125-12-2	20 – 30 %
Benzyl Benzoate	120-51-4	10 – 10 %
Eugenol	97-53-0	1 – 5 %
Cedrol	77-53-2	1 – 5 %
Alpha-Cedrene	469-61-4	1 – 5 %
Vertenex P Tertiary Butyl Cyclohexyl Ac	32210-23-4	1 – 5 %
Cinnamal (Cinnamic Aldehyde)	104-55-2	1 – 5 %

Section 4: First Aid Measures

4.1 Description of first aid measures

Eye Contact:

Rinse the eye thoroughly with plenty of water for at least 15 minutes and consult a physician.

Skin Contact:

Immediately wash the affected area with soap and plenty of water plus remove all contaminated clothes and shoes.

Ingestion:

Rinse the mouth with water. Do not induce vomiting. Dilute by drinking additional water and consult a physician.

Inhalation:

Remove the person to an area with fresh air and keep at rest in a comfortable position that allows for easy breathing.

4.2 Most important symptoms and effects, both acute and delayed

See section 4.1

4.3 Indications of immediate medical attention and special treatment needed

Treat symptomatically



Section 5: Fire-Fighting Measures

5.1 Extinguishing media

Suitable extinguishing agents: Dry chemicals, Carbon Dioxide (CO₂), Alcohol-resistant foam or water spray. DO NOT USE a solid water stream as it may scatter and spread the fire.

5.2 Special hazards caused by the substance or mixture:

The burning of this product will result in the production of combustion products and gases including, but not limited to:

Carbon Monoxide

Carbon Dioxide

Unburned hydrocarbons (smoke)

5.3 Advice for fire-fighters

As in any fire, wear self-contained breathing apparatus and full firefighting protective gear.

Section 6: Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation while handling. Wear eye protection with side shields, chemical resistant gloves, clothing that reduces skin exposure and safety shoes.

6.2 Environmental precautions

Prevent further leakage or spillage if safe to do so.

6.3 Methods and material for containment and cleaning up

Contain and collect spillage with non-combustible absorbent material, e.g.: sand, earth, diatomaceous earth, vermiculite, and place in container(s) for disposal according to local/state/national regulations.

Section 7: Handling and Storage

7.1 Precautions for safe handling

Use only in an area provided with appropriate exhaust ventilation. To avoid ignition of vapors by static electrical discharge, all metal parts of the equipment must be grounded. Keep away from heat, sparks, and open flames. No smoking while handling. Wear personal protective equipment. Do not breathe vapors or spray mist. Use product only in closed system.

Handle in accordance with good hygiene and safety practices. Wash thoroughly after handling.

7.2 Conditions for safe storage, including any incompatibilities

Keep container tightly closed and store in a dry and well ventilated place.

Section 8: Exposure Controls/Personal Protection

8.1 Control Parameters

8.2 Exposure controls



Engineering: Ensure adequate ventilation.

Personal protective equipment:

Safety glasses with side shields.

Wear protective clothing that minimize exposed skin.

Wear protective gloves that are chemical resistant.

No respiratory protection required but avoid directly breathing in the vapors.

Avoid release into the environment.

Section 9: Physical and Chemical Properties

General Information

Physical State: Liquid

Color: Pale Yellow to Yellow

Odor: Pine

Odor Threshold: No data available

pH: No data available

Melting point: No data available

Boiling point: >35°C

Flash point: > 93°C/ > 200°F

Evaporation Rate: No data available

Flammability (solid, gas): No data available

Explosive Properties: No data available

Vapor Pressure: 1.03961mmHG @20°C

Vapor Density: No data available

Specific Gravity @ 20°C: 0.982 – 0.992

Refractive Index @ 25°C: 1.495 – 1.505

Water Solubility: No data available

Other Solubility: No data available

Partition Coefficient: No data available

Auto Ignition Temperature: No data available

Decomposition Temperature: No data available

Viscosity: No data available

Section 10: Stability and Reactivity

10.1 Reactivity

No dangerous reactions are known under conditions of normal use. Keep away from oxidizing agents and strongly acidic or alkaline materials.

10.2 Chemical stability

Stable under normal conditions.

10.3 Possibility of hazardous reactions

None under normal processing and handling.



10.4 Conditions to avoid

Heat, flames, sparks, and static discharge.

10.5 Incompatible materials

Strong oxidizing agents.

10.6 Hazardous decomposition products:

Thermal decomposition can lead to release of irritating gases and vapors.

Section 11: Toxicological Information

This product has not been subjected to toxicological testing but has been formulated with materials with established toxicological characteristics. Description of possible hazardous to health effects is based on toxicological characteristics of one or more ingredients contained in this mixture. See Section 3.

Section 12: Ecological Information

12.1 Ecotoxicity effects

Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

12.2 Persistence and degradability

No information available.

12.3 Bioaccumulative potential

No information available.

12.4 Mobility in soil

No information available.

12.5 Other adverse effects

No information available.

Section 13: Disposal Conditions

Waste from residues and unused product shall be disposed of in accordance with local, state, and federal regulations. Dispose of empty containers at an approved waste disposal plant.

Section 14: Transport Information

14.1 DOT

Not regulated for US ground transport

14.2 Land Transport (ADR/RID/ADN)

UN Number: 3082

Proper Shipping Name: Environmentally hazardous substance, liquid, NOS, (IsoE Super)

Class: 9

Packing Group: III

14.3 Sea Transport (IMDG CODE)

UN Number: 3082

Proper Shipping Name: Environmentally hazardous substance, liquid, NOS, (IsoE Super)

Class: 9

Packing Group: III



Marine Pollutant

14.4 Air Transport (ICAO-IATA)

UN Number: 3082

Proper Shipping Name: Environmentally hazardous substance, liquid, NOS, (IsoE Super)

Class: 9

Packing Group: III, Marine Pollutant

Section 15: Regulatory Information

A chemical safety assessment has not been carried out.

Section 16: Other Information

Department Issuing SDS:

Legislation/Regulatory Affairs Department

Abbreviations and Acronyms

ADR: European Agreement Concerning the International Carriage of Dangerous Good by Rail.

RID: Regulations concerning the International Transport of Dangerous Good by Rail.

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

ICAO: International Civil Aviation Organization

IMO: International Maritime Organization

CAS: Chemical Abstracts Service, assign unique identifiers to chemical substances

LD50: Lethal dose, 50 percent. Refers to with oral or dermal.

LC50: Lethal concentration, 50 percent. Refers to vapors, gas, or mist and dust.

Key Literature references and sources of data

Research Institute of Fragrance Materials (RIFM Database)

Technical Specifications from suppliers

Safety Data Sheet from suppliers

IFRA/IOFI Labeling Manual

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