

Safety Data Sheet

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1. Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

2. Hazards Identification

2.1. Classification of the substance or mixture

Classification

Flammable liquids-Category 4
Oxidizing liquids-Category 3
Acute Toxicity Dermal-Category 4
Acute Toxicity Dermal-Category 5
Acute Toxicity Inhalation-Category 5
Acute Toxicity Oral-Category 4
Serious eye damage/eye irritation-Category 2A
Respiratory Sensitizer-Category 1A
Respiratory Sensitizer-Category 1B
Skin Corrosion/Irritation-Category 2
Skin Sensitizer-Category 1B
Specific Target Organ Toxicity Single Exposure-Category 2
Hazardous to the aquatic environment, Acute hazard-Category 2
Hazardous to the aquatic environment, Long term hazard-Category 2

2.2. GHS Label Elements, including precautionary statements

Hazard pictograms (GHS US) :



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Hazard Statements:

H226	: Combustible liquid
H272	: May intensify fire; oxidize
H302	: Harmful if swallowed
H312	: Harmful in contact with skin
H313	: May be harmful in contact with skin
H315	: Causes skin irritation
H317	: May cause an allergic skin reaction
H319	: Causes serious eye irritation
H333	: May be harmful if inhaled
H334	: May cause allergy or asthma symptoms or breathing difficulties if inhaled
H371	: May cause damage to organ
H401	: Toxic to aquatic life
H411	: Toxic to aquatic life with long lasting effects
H302+H312	: Harmful if swallowed. Harmful in contact with skin
H302+H332	: Harmful if swallowed. Harmful if inhaled
H303+H313	: May be harmful if swallowed. May be harmful in contact with skin
H303+H333	: May be harmful if swallowed. May be harmful if inhaled
H312+H332	: Harmful in contact with skin. Harmful if inhaled
H313+H333	: May be harmful in contact with skin. May be harmful if inhaled
H315+H320	: Causes skin irritation. Causes eye irritation
H302+H312+H332	: Harmful if swallowed. Harmful in contact with skin. Harmful if inhaled
H303+H313+H333	: May be harmful if swallowed. May be harmful in contact with skin. May be harmful if inhaled

Precautionary Statements:

P101	: If medical advice is needed, have product container or label at hand
P102	: Keep out of reach of children
P103	: Keep out of reach of children
P201	: Obtain special instructions before use
P202	: Do not handle until all safety precautions have been read and understood
P210	: Keep away from heat/sparks/open flames/hot surfaces-No smoking
P220	: Keep/Store away from clothing/combustible materials
P221	: Take any precaution to avoid mixing with combustibles
P235	: Keep cool
P260	: Do not breath dust/fume/gas/mist/vapors/spray
P261	: Avoid breathing dust/fume/gas/mist/vapors/spray
P264	: Wash hands thoroughly after handling
P270	: Do not eat, drink or smoke when using this product
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
P284	: Wear respiratory protection
P311	: Call a POISON CENTER or doctor/physician
P312	: Call a POISON CENTER or doctor/physician if you feel unwell
P313	: Get medical advice/attention
P330	: Rinse mouth
P338	: Remove contact lenses, if present and easy to do. Continue rinsing
P340	: Remove victim to fresh air and keep at rest in a position comfortable for breathing
P342	: If experiencing respiratory symptoms:
P351	: Rinse cautiously with water for several minutes



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P352	: Wash with plenty of soap and water
P362	: Take off contaminated clothing and wash before reuse
P364	: Wash it before reuse
P391	: Collect spillage. Hazardous to the aquatic environment
P403	: Store in a well-ventilated place
P405	: Store locked up
P301+P312	: IF SWALLOWED: call a POISON CENTER or doctor/physician IF you feel unwell
P304+P312	: IF INHALED: call a POISON CENTER or doctor/physician if you feel unwell
P304+P340	: IF INHALED: remove victim to fresh air and keep at rest in a position comfortable for breathing
P308+P313	: IF exposed or concerned: Get medical advice/attention
P308+P311	: IF exposed or concerned: Call a POISON CENTER or doctor/physician
P313+P337	: IF eye irritation persists: Get medical advice/attention
P332+P313	: IF SKIN irritation occurs: Get medical advice/attention
P333+P313	: IF SKIN irritation or rash occurs: Get medical advice/attention
P342+P311	: IF experiencing respiratory symptoms: call a POISON CENTER or doctor/physician
P362+P364	: Take off contaminated clothing and wash before reuse
P403+P235	: Store in a well-ventilated place. Keep cool.
P305+P351+P338	: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

3. Composition/Information on Ingredients

Chemical Name	CAS#	%
Bis(2-ethylhexyl) adipate	103-23-1	20-100%
4-Allyl-2-methoxyphenol	97-53-0	5-10%
alpha-Hexylcinnamaldehyde	101-86-0	2-5%
Cinnamaldehyde	104-55-2	2-5%
4-tert-Butylcyclohexyl acetate	32210-23-4	2-5%
Juniperus Mexicana Wood Oil	68990-83-0	1-2%
2-Methyl-3-(p-isopropylphenyl)propionaldehyde	103-95-7	1-2%

* Toxic chemical subject to the reporting requirements of section 313 of Title III and of 40 CFR 372

Ingredients:

The identity of the specific components of this mixture is proprietary information and is regarded to be a trade secret, in accordance with paragraph 1910.1200 of Title 29 of the Code of Federal Regulations. Please refer to Section 2 for Health Hazard Identification based on the evaluation of the individual components.

4. First-aid measures

EYES:

Immediately flush eyes with water for at least 15 minutes. If irritation persists, seek medical attention.

SKIN:

Remove contaminated clothing. Wash affected areas with plenty of soap and water. If irritation develops, seek medical attention.



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INGESTION:

Rinse mouth with water and obtain medical advice.

INHALATION:

Remove from exposure to fresh air. If breathing has stopped or is difficult, administer artificial respiration and oxygen if available. Seek medical attention immediately.

NOTES TO PHYSICIANS OR FIRST AID PROVIDERS:

In the event of a genuine medical emergency, additional information will be revealed to a qualified health professional.

5. Fire-fighting measures

SUITABLE EXTINGUISHING MEDIA:

Carbon Dioxide, Dry Chemical, Foam, or other NON-Aqueous material.

UNSUITABLE EXTINGUISHING MEDIA:

Do not use the direct water jet on burning material.

SPECIAL HAZARDS ARISING FROM THE SUBSTANCE/MIXTURE:

Empty containers retain product residue (liquid or vapor) and can be dangerous. They should be rinsed with water and disposed of properly. Soaked rags or paper may pose a spontaneous combustion hazard in unsealed trash receptacles.

DURING FIREFIGHTING:

Water may be ineffective.

HAZARDOUS COMBUSTION PRODUCTS:

Carbon Dioxide, Carbon Monoxide and other unidentified organic compounds.

SPECIAL PROTECTIVE EQUIPMENT AND PRECAUTION FOR FIRE FIGHTERS:

Treat as a chemical fire. Self-contained breathing apparatus and protective clothing should be worn when fighting fires involving chemicals.

ADVICE FOR FIREFIGHTERS:

Further information: Standard Procedure for chemical fires.

6. Accidental release measures

ACCIDENTAL RELEASE MEASURES:

Eliminate all ignition sources. Ventilate area. Contain spill and absorb spill onto inert material. Place material into a suitable container and dispose of in accordance with local regulations. DO NOT leave soaked rags or paper in unsealed receptacles as spontaneous combustion may sometimes occur under certain circumstances.

ENVIRONMENTAL PRECAUTIONS:

Keep away from drains, soil, surface and ground water



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7. Handling & Storage

PRECAUTIONS FOR SAFE HANDLING:

Apply good manufacturing and industrial hygiene practices with proper ventilation. Do not drink, eat or smoke while handling.

HANDLING AND STORAGE:

Use splash goggles or face shield when eye contact is possible. Respiratory protection is not generally required, if desired use NIOSH approved organic vapor respirator. Use chemical resistant gloves as needed to avoid prolonged or repeated contact. Store in a cool, dry, well ventilated area away from all sources of heat or flame.

8. Exposure controls/personal protection

PERSONAL PROTECTIVE EQUIPMENT

RESPIRATORY PROTECTION:

If desired wear a NIOSH approved respirator. Avoid excessive inhalation of concentrated vapors. Apply local ventilation where appropriate.

EYE PROTECTION:

Use tightly sealed splash goggles, face shield, or safety glasses with brow guards and side shields as may be appropriate.

SKIN PROTECTION:

Avoid skin contact. Use chemical resistant gloves as needed to avoid prolonged or repeated contact. Use of a rubber apron is recommended when handling large quantities of this material.

WORK/HYGIENIC PRACTICES:

Good personal hygiene practices should be used. Wash hands after any contact, before breaks and meals, and at the end of the work period. Contaminated clothing and shoes should be cleaned before using again.

OTHER USE PRECAUTIONS:

None generally required.

COMMENTS:

This material is intended for manufacturing use only. Contaminated equipment should be cleaned with soap and water. Do not discharge wash water into lakes, streams, ponds, or public waters.

9. Physical and Chemical Properties

Color	: Yellow
Odor	: Fruity piney
Appearance	: Conforms to Standard
Flash point	: ~195°F
Flash point method	: Closed cup
Auto-ignition temperature	: Not determined
Boiling point/range	: Not determined
Viscosity	: Liquid
Vapour Pressure	: Not determined
Vapour Density	: Not determined



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Solubility	: Oil
Percent VOC	:
Specific Gravity	: 0.9563
Evaporation Rate	: Less than 1
Refractive index @ 25C	: 1.4746

10. Stability & Reactivity

Chemical Stability	: Product is stable under normal storage and use
Possibility of Hazardous Reactions	: None known
Conditions to avoid	: Excessive heat, sparks or open flame.
Materials to avoid	: Strong oxidizing agents or contamination with strong acids or alkalis.
Hazardous decomposition products	: None known
Reactivity	: None

11. Toxicological information

Acute toxicity-oral	: (LD50: 2118.64) May be harmful if swallowed
Acute toxicity-dermal	: (LD50: 4119.49) May be harmful in contact with skin.
Acute toxicity-inhalation	: (RAT) mg/L/4 hr (LC50: 7.69) May be harmful if inhaled.

ACUTE EFFECTS:

Eye contact	: Causes serious eye damage
Skin irritation	: Causes skin irritation
Skin sensitization	: May cause an allergic skin reaction
Respiratory sensitization	: Not classified-The classification criteria are not met.
Target organ	: Single exposure: Not classified.
Germ cell mutagenicity	: Not classified
Aspiration Hazard	: May be fatal if swallowed and enters airways.

12. Ecological information

Acute Aquatic Toxicity	: Toxic to aquatic life
Chronic Aquatic Toxicity	: Toxic to aquatic life with long lasting effects
Persistence and Degradability	: No data available
Bio-Accumulative Potential	: No data available
Mobility in soil	: No data available
Other adverse effects	: No data available
Ecotoxicological Other Information	: No data available



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13. Disposal considerations

Do not allow product to reach sewage systems. Dispose of in accordance with all local and national regulations. Send to a licensed waste management company. The product should not be allowed to enter drains, water courses or the soil. Do not contaminate ponds, waterways or ditches with chemical or used container.

14. Transport information

Regulator	Class	Pack Group	Sub Risk	UN-nr
U.S. DOT (Non-Bulk) Chemicals NOI	Not Regulated-Not Dangerous Goods			
ADR/RID (International Road/Rail) Environmentally Hazardous Substance, Liquid, n.o.s.	9	III		UN-3082
IATA (Air Cargo) Environmentally Hazardous Substance, Liquid, n.o.s.	9	III		UN-3082
IMGD (Sea) Environmentally Hazardous Substance, Liquid, n.o.s.	9	III		UN-3082

15. Regulatory information

US FEDERAL REGULATIONS

TSCA (USA TOXIC SUBSTANCE CONTROL ACT):

All ingredients in this mixture are listed on the TSCA inventory

SARA TITLE III (SUPERFUND AMMENDMENTS AND REAUTHORIZATON ACT):

311/312 HAZARD CATEGORIES

FIRE: Yes

REACTIVITY: No

SUDDEN RELEASE OF PRESSURE: No

IMMEDIATE (ACUTE): Yes

DELAYED (CHRONIC): No

SARA SECTION 313: This mixture contains the following toxic chemical(s) subject to the reporting requirements of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

US STATE REGULATIONS

RIGHT TO KNOW: The identities of the ingredients of the mixture are proprietary and are considered to be trade secrets.

CALIFORNIA PROPOSITION 65: This mixture contains the following chemical(s) subject to the reporting requirements of the Safe Drinking Water and Toxic Enforcement Act of 1986.



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16. Other information

