

SAFETY DATA SHEET



Issuing Date: 08-Mar-2024

Revision date 08-Mar-2024

Revision Number 1

1. IDENTIFICATION

Product Name	Febreze Auto Sandalwood
Product Identifier	21009854_RET_NG
Product Type:	Finished Product - Retail
Recommended use	Air freshener.
Manufacturer	PROCTER & GAMBLE - Fabric and Home Care Division Ivorydale Technical Centre 5299 Spring Grove Avenue Cincinnati, Ohio 45217-1087 USA Procter & Gamble Inc. P.O. Box 355, Station A Toronto, ON M5W 1C5 1-800-331-3774
E-mail Address	pgsds.im@pg.com
Emergency Telephone	Transportation (24 HR) CHEMTREC - 1-800-424-9300 (U.S./ Canada) or 1-703-527-3887 Mexico toll free in country: 800-681-9531

2. HAZARD IDENTIFICATION

"Consumer Products", as defined by the US Consumer Product Safety Act and which are used as intended (typical consumer duration and frequency), are exempt from the OSHA Hazard Communication Standard (29 CFR 1910.1200). This SDS is being provided as a courtesy to help assist in the safe handling and proper use of the product.

This product is classified under 29CFR 1910.1200(d) and the Canadian Hazardous Products Regulation as follows:.

Hazard category	
Skin corrosion/irritation	Category 2
Eye Damage / Irritation	Category 2
Skin sensitization	Category 1
Flammable liquids	Category 4
Signal word	Warning
Hazard statements	Causes skin irritation Causes serious eye irritation May cause an allergic skin reaction
Physical hazards	Combustible liquid
Hazard pictograms	

**Precautionary Statements**

Wash hands thoroughly after handling
 Keep away from heat/sparks/open flames/hot surfaces. — No smoking
 Keep container tightly closed

Precautionary Statements - Response

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
 If eye irritation persists: Get medical advice/attention
 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting
 Drink 1 or 2 glasses of water
 IF ON SKIN: Wash with plenty of water and soap
 Take off contaminated clothing and wash before reuse
 If skin irritation or rash occurs: Get medical advice/attention
 In case of fire: Use water, CO₂, dry chemical, or foam for extinction

Precautionary Statements - Storage Store in a well-ventilated place. Keep cool

Precautionary Statements - Disposal None.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients are listed according to 29CFR 1910.1200 Appendix D and the Canadian Hazardous Products Regulation

Chemical name	Synonyms	Trade Secret	CAS No.	Weight-%
Abies Balsamea Resin	Fir Absolute Resinoid	No	8024-15-5	5 - 10
4-tert-Butylcyclohexyl Acetate	Vertenex	No	32210-23-4	5 - 10
Diethyl Malonate	Propandioic Acid, Diethyl Ester	No	105-53-3	5 - 10
Trimethylhexyl Acetate	Irival (IFF)	No	58430-94-7	5 - 10
2,4-dimethyl-4,4a,5,9b-tetrahydroindeno-1,3-dioxin	Indeno[1,2-D]-1,3-dioxin, Tetrahydro-2,4-dimethyl-	No	27606-09-3	5 - 10
Ethylacetoacetate ethylene glycol ketal	Fructose	No	6413-10-1	5 - 10
CEDROL METHYL ETHER	Cedramber	No	19870-74-7	5 - 10
Tetramethylbicyclo-2-heptene-2-propionaldehyde	alpha-Pinyl Isobutyraldehyde	No	33885-52-8	5 - 10
Pentamethylheptenone	3,4,5,6,6-Pentamethylhept-3-en-2-one	No	81786-74-5	5 - 10
PPG-2 Methyl Ether	Dipropylene Glycol Monomethyl Ether	No	34590-94-8	1 - 5
Lauraldehyde	Dodecanal	No	112-54-9	0.5 - 1.5
6,6-Dimethylbicyclo[3.1.1]hept-2-ene-2-Propionaldehyde	Pino Acetaldehyde	No	33885-51-7	0.5 - 1.5
Pinus Mugo Leaf Oil	Pine Needle Oil	No	8000-26-8	0.5 - 1.5
Isolongifolanone	Isolongifolene Ketone	No	23787-90-8	0.5 - 1.5
Ethyl 2,2-Dimethylhydrocinnamal	Floralozone	No	67634-15-5	0.5 - 1.5
Eucalyptol	Eucalyptol	No	470-82-6	0.5 - 1.5
JUNIPERUS MEXICANA OIL	Cedarwood Oil, Texas	No	68990-83-0	0.5 - 1.5
2,4-Dimethyl-3-Cyclohexene Carboxaldehyde	2,4-Dimethyl-3-cyclohexene Carboxaldehyde	No	68039-49-6	0.5 - 1.5

Citral	Citral	No	5392-40-5	0.1 - 1.0
LIMONENE	D-Limonene (via naturals or synthesis)	No	5989-27-5	0.1 - 1.0
Isocyclocitral	Isocyclocitral	No	1335-66-6	0.1 - 1.0

Additional information Actual substance concentrations fall within the ranges stated. Maximum values do not necessarily represent the values present in the formula.

4. FIRST AID MEASURES

Description of first aid measures

Eye contact Rinse with plenty of water. Get medical attention immediately if irritation persists.

Skin contact Rinse with plenty of water. Call a physician if irritation develops and persists.

Ingestion Drink 1 or 2 glasses of water. Do NOT induce vomiting. Get medical attention immediately if symptoms occur.

Inhalation Move to fresh air. If symptoms persist, call a physician.

Most important symptoms/effects, acute and delayed May cause sensitization by skin contact

Indication of any immediate medical attention and special treatment needed

Notes to Physician Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media In case of fire: Use water, CO2, dry chemical, or foam for extinction.

Unsuitable Extinguishing Media Do not use a solid water stream as it may scatter and spread fire.

Special Hazard combustible liquid.

Special protective equipment for fire-fighters As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

Special Provisions None.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal precautions Use personal protective equipment as required. Do not get in eyes, on skin, or on clothing.

Advice for emergency responders Use personal protective equipment as required.

Environmental precautions Should not be released into the environment

Methods and material for containment and cleaning up

Methods for containment Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal.

Methods for cleaning up Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13).

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on safe handling

Keep away from open flames, hot surfaces and sources of ignition. Use personal protective equipment as required. Keep container closed when not in use. Never return spills in original containers for re-use. Keep out of the reach of children.

Conditions for safe storage, including any incompatibilities

Storage Conditions

Store in a cool/low-temperature, well-ventilated, dry place away from heat and ignition sources.

Incompatible products

None known.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Guidelines

No exposure limits noted for ingredient(s).

No relevant exposure guidelines for other ingredients

Appropriate engineering controls

Engineering Measures

Distribution, Workplace and Household Settings:
Ensure adequate ventilation

Product Manufacturing Plant (needed at Product-Producing Plant ONLY):
Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction

Personal protective equipment

Eye Protection

Distribution, Workplace and Household Settings:
No special protective equipment required

Product Manufacturing Plant (needed at Product-Producing Plant ONLY):
Use appropriate eye protection

Hand Protection

Distribution, Workplace and Household Settings:
For sensitive skin or prolonged use, wear gloves

Product Manufacturing Plant (needed at Product-Producing Plant ONLY):
Protective gloves

Skin and Body Protection

Distribution, Workplace and Household Settings:
No special protective equipment required

Product Manufacturing Plant (needed at Product-Producing Plant ONLY):
Wear suitable protective clothing

Respiratory Protection

Distribution, Workplace and Household Settings:
No special protective equipment required

Product Manufacturing Plant (needed at Product-Producing Plant ONLY):

In case of inadequate ventilation wear respiratory protection

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state	Liquid	
Appearance	brown	
Odor	Woody, green, Pine	
Odor threshold	No information available	
<u>Property</u>	<u>Values</u>	<u>Remarks</u>
pH	No information available	
Melting point / freezing point	No information available	
Initial boiling point and boiling range	No information available	
Flash point	84 °C / 183.2 °F	Closed cup.
Evaporation rate	No information available	
Flammability	No information available	
Flammability Limit in Air		
Upper flammability or explosive limits	No information available	
Lower flammability or explosive limits	No information available	
Vapor pressure	No information available	
Relative vapor density	No information available	
Relative density	No information available	
Water solubility	No information available	
Partition coefficient	No information available	
Autoignition temperature	No information available	.
Decomposition temperature	No information available	.
Viscosity	No information available	
VOC Content (%)	Products comply with US state and federal regulations for VOC content in consumer products.	

10. STABILITY AND REACTIVITY

Reactivity	None under normal use conditions.
Stability	Stable under normal conditions.
Hazardous polymerization	Hazardous polymerization does not occur.
Hazardous Reactions	None under normal processing.
Conditions to Avoid	Keep away from open flames, hot surfaces and sources of ignition.
Incompatible Materials	None in particular.
Hazardous decomposition products	None under normal use conditions.

11. TOXICOLOGICAL INFORMATION

Product Information

Information on likely routes of exposure

Inhalation	No known effect.
Skin contact	Irritating to skin. May cause sensitization by skin contact.
Ingestion	No known effect.
Eye contact	Causes serious eye irritation.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Acute toxicity	No known effect.
Skin corrosion/irritation	Irritating to skin.

Serious eye damage/eye irritation	Causes serious eye irritation.
Skin sensitization	May cause sensitization by skin contact.
Respiratory sensitization	No known effect.
Germ cell mutagenicity	No known effect.
Reproductive toxicity	No known effect.
Developmental toxicity	No known effect.
STOT - single exposure	No known effect.
STOT - repeated exposure	No known effect.
Aspiration hazard	No known effect.
Carcinogenicity	No known effect.

Component Information

Chemical name	CAS No.	Oral LD50	Dermal LD50	Inhalation LC50
Diethyl Malonate	105-53-3	15795 mg/kg (RAT)	16961 mg/kg (RABBIT)	-
CEDROL METHYL ETHER	19870-74-7	5001 mg/kg (RAT)	5001 mg/kg (RABBIT)	-
Tetramethylbicyclo-2-heptene-2-propionaldehyde	33885-52-8	5001 mg/kg (RAT)	5001 mg/kg (RABBIT)	-
2,4-dimethyl-4,4a,5,9b-tetrahydroindeno-1,3-dioxin	27606-09-3	301 mg/kg (RAT)	5001 mg/kg (RAT)	-
4-tert-Butylcyclohexyl Acetate	32210-23-4	3323 mg/kg (RAT)	5001 mg/kg (RABBIT)	-
Trimethylhexyl Acetate	58430-94-7	= 4250 mg/kg (Rat)	> 5000 mg/kg (Rabbit)	-
Ethylacetoacetate ethylene glycol ketal	6413-10-1	> 5 g/kg (Rat)	-	-
PPG-2 Methyl Ether	34590-94-8	5001 mg/kg (RAT)	9510 mg/kg (RABBIT)	-
Lauraldehyde	112-54-9	//	5001 mg/kg (RABBIT)	//
Isolongifolanone	23787-90-8	5001 mg/kg (RAT)	-	-
Eucalyptol	470-82-6	4500 mg/kg (RAT)	5001 mg/kg (RAT)	-
Ethyl 2,2-Dimethylhydrocinnamal	67634-15-5	5001 mg/kg (RAT)	5001 mg/kg (RABBIT)	-
Pinus Mugo Leaf Oil	8000-26-8	= 6880 mg/kg (Rat)	-	-
6,6-Dimethylbicyclo[3.1.1]hept-2-ene-2-Propionaldehyde	33885-51-7	1999 mg/kg (RAT)	-	-
2,4-Dimethyl-3-Cyclohexene Carboxaldehyde	68039-49-6	-	5000 mg/kg (RABBIT)	-
Citral	5392-40-5	6800 mg/kg (RAT)	5001 mg/kg (RAT)	-
LIMONENE	5989-27-5	5001 mg/kg (RAT)	5001 mg/kg (RABBIT)	-
Isocyclocitral	1335-66-6	4150 mg/kg (RAT)	-	-

12. ECOLOGICAL INFORMATION**ecotoxicity**

Hazardous to the Aquatic Environment. Contains a substance which causes risk of hazardous effects to the environment.

Persistence and degradability	No information available.
Bioaccumulative potential	No information available.
Mobility	No information available.
Other adverse effects	No information available.

13. DISPOSAL CONSIDERATIONS**Disposal methods**

Waste from Residues/Unused Products	Disposal should be in accordance with applicable regional, national and local laws and regulations.
Contaminated packaging	Disposal should be in accordance with applicable regional, national and local laws and regulations.

California Hazardous Waste Codes 331
(non-household setting)

14. TRANSPORT INFORMATION

DOT

Product is not regulated for transport by ground in retail packaging per 49 CFR 173.150(f)(2)

IMDG

UN number or ID number UN3082
UN proper shipping name ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
Description UN3082, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.(Perfumery Products), 9, III
Transport hazard class(es) 9
Packing group III
EmS-No. F-A, S-F
The shipper is responsible for identifying any exemptions, including Limited Quantity, that may apply based on package size.

IATA

UN number or ID number UN3082
UN proper shipping name ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
Description UN3082, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.(Perfumery Products), 9, III
Transport hazard class(es) 9
Packing group III
Product is not regulated for transport by air in retail packaging per IATA Special Provision A197. The shipper is responsible for identifying any exemptions, including Limited Quantity, that may apply based on package size.

15. REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 61)

This product does not contain any substances regulated as hazardous air pollutants (HAPS) under Section 112 of the Clean Air Act Amendments of 1990.

Clean Water Act

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

U.S. State Regulations (RTK)

Chemical name	CAS No.	New Jersey
Diethyl Malonate	105-53-3	X
PPG-2 Methyl Ether	34590-94-8	X

Chemical name	CAS No.	Massachusetts
PPG-2 Methyl Ether	34590-94-8	X

Chemical name	CAS No.	Pennsylvania
PPG-2 Methyl Ether	34590-94-8	X

California Proposition 65

This product is not subject to warning labeling under California Proposition 65.

International Inventories**United States**

All intentionally-added components of this product(s) are listed on the US TSCA Inventory

Canada

This product is in compliance with CEPA for import by P&G

Legend

United States Toxic Substances Control Act Section 8(b) Inventory (TSCA)

CEPA - Canadian Environmental Protection Act

16. OTHER INFORMATION**HMIS****NFPA**

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Disclaimer.

The information provided in this Safety Data Sheet is correct 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 to be considered a warranty or quality specification. 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

End of Safety Data Sheet