

SAFETY DATA SHEET

In accordance with UN GHS latest edition

Product: Compare to aroma BOIS D'ARGENT by Christian Dior ® F35580

Version: 2

Section 1. Identification of the substance or the mixture and of the supplier

1.1 Product Identifier

Product identifier: Compare to aroma BOIS D'ARGENT by Christian Dior ® F35580(Contains:Musk ketone)

Other identifiers: none

1.2 Relevant identified uses of the substance of mixture and uses advised against

Product uses: Fragrances

1.3 Details of the supplier of the safety data sheet

Company name: Aromatic Fragrances International

Company address: 85 Wansley Drive SE
Cartersville, GA 30121
USA

Contact: Regulatory Affairs

E-Mail address: regulatory@afi-usa.com

Company phone: 770-334-3906

1.4 Emergency telephone number

Emergency phone: 770-334-3906

Section 2. Hazards identification

2.1 Classification of the substance or mixture

Class and category of danger: Eye Damage / Irritation Category 2B
Carcinogenicity Category 2
Hazardous to the Aquatic Environment - Acute Hazard Category 2
Hazardous to the Aquatic Environment - Long-term Hazard Category 2
H320, Causes eye irritation.
H351, Suspected of causing cancer (exposure route).
H411, Toxic to aquatic life with long lasting effects.

2.2 Label elements

Signal word: Warning

Hazard statements: H320, Causes eye irritation.
H351, Suspected of causing cancer (exposure route).
H411, Toxic to aquatic life with long lasting effects.

Precautionary statements: P202, Do not handle until all safety precautions have been read and understood.
P264, Wash hands and other contacted skin thoroughly after handling.
P273, Avoid release to the environment.
P280, Wear protective gloves/eye protection/face protection.
P305/351/338, IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

SAFETY DATA SHEET

In accordance with UN GHS latest edition

Product: Compare to aroma BOIS D'ARGENT by Christian Dior ® F35580

Version: 2

P308/313, IF exposed or concerned: Get medical advice/attention.

P337/313, If eye irritation persists: Get medical advice/attention.

P391, Collect spillage.

P405, Store locked up.

P501, Dispose of contents/container to approved disposal site, in accordance with local regulations.

Pictograms:



2.3 Other hazards

Other hazards: Hydrocarbon Concentration %: 0.0000%

Section 3. Composition / information on ingredients

3.2 Mixtures

Contains:

Name	CAS	%	GHS Classification
Ethylene brassylate	105-95-3	20-<50%	Aquatic Acute 2-Aquatic Chronic 3;H401-H412
E- and Z-Oxacyclohexadec-12 (+13)-en-2-one	111879-80-2	10-<20%	Aquatic Acute 1-Aquatic Chronic 2;H400-H411
1-(2-tert.-Butyl cyclohexyloxy)-2-butanol	139504-68-0	10-<20%	Eye Irrit. 2B-Aquatic Acute 2-Aquatic Chronic 2;H320-H411
Musk ketone	81-14-1	5-<10%	Carc. 2-Aquatic Acute 1-Aquatic Chronic 1;H351-H410
alpha-Pinene	80-56-8	0.1-<1%	Flam. Liq. 3-Acute Tox. 4-Skin Irrit. 2-Skin Sens. 1B-Asp. Tox 1-Aquatic Acute 1-Aquatic Chronic 1;H226-H302-H304-H315-H317-H410
d-Limonene	5989-27-5	0.1-<1%	Flam. Liq. 3-Skin Irrit. 2-Skin Sens. 1B-Asp. Tox 1-Aquatic Acute 1-Aquatic Chronic 3;H226-H304-H315-H317-H400-H412

Substances with workplace exposure limits, not listed above:

Not Applicable

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.

Skin exposure: Remove contaminated clothes. Wash thoroughly with soap and water. Contact physician if irritation persists.

SAFETY DATA SHEET

In accordance with UN GHS latest edition

Product: Compare to aroma BOIS D'ARGENT by Christian Dior ® F35580

Version: 2

Ingestion: Rinse mouth with water and obtain medical attention.

4.2 Most important symptoms and effects, both acute and delayed

Causes eye irritation.

Suspected of causing cancer (exposure route).

4.3 Indication of any immediate medical attention and special treatment needed

None expected, see Section 4.1 for further information.

Section 5: Firefighting measures

5.1 Extinguishing media

Suitable media: Carbon dioxide, Dry chemical, Foam.

5.2 Special hazards arising from the substance or mixture

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

5.3 Advice 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 and cleaning up:

Remove ignition sources. Provide adequate ventilation. Avoid excessive inhalation of vapours. 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 a 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.

SAFETY DATA SHEET

In accordance with UN GHS latest edition

Product: Compare to aroma BOIS D'ARGENT by Christian Dior ® F35580

Version: 2

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 vapour, this material should not require special 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 minimise exposure to personnel: a) Increase ventilation of the area with local exhaust ventilation. b) Personnel can use an approved, appropriately fitted respirator with organic vapour cartridge or canisters and particulate filters. 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
Odour:	Characteristic
Odour threshold:	Not determined
pH:	Not determined
Melting point / freezing point:	Not determined
Initial boiling point / range:	Not determined
Flash point:	> 93 °C
Evaporation rate:	Not determined
Flammability (solid, gas):	Not determined
Upper/lower flammability or explosive limits:	Product does not present an explosion hazard
Vapour pressure:	Not determined
Vapour density:	Not determined
Relative density:	1.0030 - 1.0330
Solubility(ies):	Not determined
Partition coefficient: n-octanol/water:	Not determined
Auto-ignition temperature:	Not determined
Decomposition temperature:	Not determined
Viscosity:	Not determined
Explosive properties:	Not expected
Oxidising properties:	Not expected

SAFETY DATA SHEET

In accordance with UN GHS latest edition

Product: Compare to aroma BOIS D'ARGENT by Christian Dior ® F35580

Version: 2

9.2 Other information:

Flash Point (Fahrenheit): > 200 °F
Refractive Index @ 20C: 1.4572 - 1.4672
Color Range: 3 Very Pale Yellow - 1 Very Pale Yellow
Calculated VOC: 0.36

Section 10. Stability and reactivity

10.1 Reactivity:

Presents no significant reactivity hazard, by itself or in contact with water.

10.2 Chemical stability:

Good stability under normal storage conditions.

10.3 Possibility of hazardous reactions:

Not expected under normal conditions of use.

10.4 Conditions to avoid:

Avoid extreme heat.

10.5 Incompatible materials:

Avoid contact with strong acids, alkalis or oxidising agents.

10.6 Hazardous decomposition products:

Not expected.

Section 11. Toxicological information

11.1 Information on toxicological effects

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:	Based on available data the classification criteria are not met.
Acute Toxicity Oral	Not Applicable
Acute Toxicity Dermal	Not Applicable
Acute Toxicity Inhalation	Not Available
Skin corrosion/irritation:	Based on available data the classification criteria are not met.
Serious eye damage/irritation:	Eye Damage / Irritation Category 2B
Respiratory or skin sensitisation:	Based on available data the classification criteria are not met.
Germ cell mutagenicity:	Based on available data the classification criteria are not met.
Carcinogenicity:	Carcinogenicity Category 2
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.

SAFETY DATA SHEET

In accordance with UN GHS latest edition

Product: Compare to aroma BOIS D'ARGENT by Christian Dior ® F35580

Version: 2

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: Not available

12.3 Bioaccumulative potential: Not available

12.4 Mobility in soil: Not available

12.5 Other adverse effects: Not available

Section 13. Disposal considerations

13.1 Waste treatment methods:

Dispose of 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. Transport information

	14.1 UN number:	14.2 UN Proper Shipping Name:	14.3 Transport hazard class (es):	Sub Risk:	14.4 Packing Group:
UN Model Regulations	UN3082	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Musk ketone, E- and Z-Oxacyclohexadec-12 (+13)-en-2-one)	9	-	III
IMDG	UN3082	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Musk ketone, E- and Z-Oxacyclohexadec-12 (+13)-en-2-one) MARINE POLLUTANT	9	-	III
ADR,RID,ADN	UN3082	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Musk ketone, E- and Z-Oxacyclohexadec-12 (+13)-en-2-one)	9	-	III
ICAO TI	UN3082	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Musk ketone, E- and Z-Oxacyclohexadec-12 (+13)-en-2-one)	9	-	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.

SAFETY DATA SHEET

In accordance with UN GHS latest edition

Product: Compare to aroma BOIS D'ARGENT by Christian Dior ® F35580

Version: 2

14.6 Special precautions for user: None additional

14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:
 Not applicable

Section 15. Regulatory information

Essential Oil Components:

Name	CAS	%
Orange peel, sweet, oil	8028-48-6, 8008-57-9	0.1-<1%
Myrrh oil	9000-45-7, 84929-26-0, 100084-96-6, 8016-37-3	0.1-<1%

Components listed on California's Proposition 65:

Name	CAS	%
Myrcene	123-35-3	<0.1%

Naturally-Occuring Materials exempt from Prop65:

Name	CAS	%
Myrcene	123-35-3	

Additional formulation properties

Name	CAS	%
Ethyl vanillin	121-32-4	0.1-<1%

Section 16. Other information

Concentration % Limits: EDI 2A=95.79% EDI 2B=95.79% CAR 2=18.66% EH A2=10.39% EH A3=1.04% EH C2=30.95% EH C3=2.98% EH C4=40.18%

Total Fractional Values: EDI 2A=1.04 EDI 2B=1.04 CAR 2=5.36 EH A2=9.63 EH A3=96.26 EH C2=3.23 EH C3=33.60 EH C4=2.49

Key to revisions:

Concentration % Limits

SECTION 3: Composition/information on ingredients

Total Fractional Values

Key to abbreviations:

Abbreviation	Meaning
Acute Tox. 4	Acute Toxicity - Oral Category 4
Aquatic Acute 1	Hazardous to the Aquatic Environment - Acute Hazard Category 1
Aquatic Acute 2	Hazardous to the Aquatic Environment - Acute Hazard Category 2
Aquatic Chronic 1	Hazardous to the Aquatic Environment - Long-term Hazard Category 1
Aquatic Chronic 2	Hazardous to the Aquatic Environment - Long-term Hazard Category 2
Aquatic Chronic 3	Hazardous to the Aquatic Environment - Long-term Hazard Category 3

SAFETY DATA SHEET

In accordance with UN GHS latest edition

Product: Compare to aroma BOIS D'ARGENT by Christian Dior ® F35580

Version: 2

Asp. Tox 1	Aspiration Hazard Category 1
Carc. 2	Carcinogenicity Category 2
Eye Irrit. 2B	Eye Damage / Irritation Category 2B
Flam. Liq. 3	Flammable Liquid, Hazard Category 3
H226	Flammable liquid and vapour.
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H320	Causes eye irritation.
H351	Suspected of causing cancer (exposure route).
H400	Very toxic to aquatic life.
H401	Toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.
P202	Do not handle until all safety precautions have been read and understood.
P210	Keep away from heat, sparks, open flames and hot surfaces. - No smoking.
P233	Keep container tightly closed.
P240	Ground/bond container and receiving equipment.
P241	Use explosion-proof electrical, ventilating and lighting equipment.
P242	Use only non-sparking tools.
P243	Take precautionary measures against static discharge.
P261	Avoid breathing vapour or dust.
P264	Wash hands and other contacted skin 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/eye protection/face protection.
P281	Use personal protective equipment as required.
P301/310	IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P303/361/353	IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.
P305/351/338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P308/313	IF exposed or concerned: Get medical advice/attention.
P330	Rinse mouth.
P331	Do not induce vomiting.
P333/313	If skin irritation or rash occurs: Get medical advice/attention.
P337/313	If eye irritation persists: Get medical advice/attention.
P362	Take off contaminated clothing and wash before reuse.
P370/378	In case of fire: Use carbon dioxide, dry chemical, foam for extinction.
P391	Collect spillage.

SAFETY DATA SHEET

In accordance with UN GHS latest edition

Product: Compare to aroma BOIS D'ARGENT by Christian Dior ® F35580

Version: 2

P403/235	Store in a well-ventilated place. Keep cool.
P405	Store locked up.
P501	Dispose of contents/container to approved disposal site, in accordance with local regulations.
Skin Irrit. 2	Skin Corrosion / Irritation Category 2
Skin Sens. 1B	Sensitization - Skin Category 1B

The information in this safety data sheet is to the best of our knowledge true and accurate but all data, instructions, recommendations and/or suggestions are made without guarantee.
