

# Safety Data Sheet

Revision Date: 15/10/2021

## SECTION 1: Identification of the mixture and of the company

### 1.1. Product Identifier

Trade code: PN796408  
 Trade name: ARMANI BLACK CODE  
 UFI: None

### 1.2. Relevant identified uses of the substance or mixture and uses advised against

Concentrated fragrance for manufacturing purposes only.  
 Not for personal use in this form or concentration.

### 1.3. Details of the supplier of the safety data sheet

CPL Aromas Ltd  
 Innovation House  
 97 London Road  
 Bishop's Stortford CM23 3GW  
 +44 (0) 1279 502 300  
 sds@cplaromas.com

### 1.4. Emergency telephone number

+44 (0)1279 502300 (8:30am - 5pm, UK)

## SECTION 2: Hazards Identification

### 2.1. Classification of the substance or mixture

#### Classification of the substance or mixture according to EC 1272/2008

Skin Irritation, category 2	H315	Causes skin irritation.
Skin Sensitizer, category 1	H317	May cause an allergic skin reaction.
Eye Irritation, category 2	H319	Causes serious eye irritation.
Hazardous to the aquatic environment, Acute, category 1	H400	Very toxic to aquatic life.
Hazardous to the aquatic environment, Chronic, category 1	H410	Very toxic to aquatic life with long lasting effects.

### 2.2. Label elements

#### Label elements according to EC 1272/2008

Signal Word: Warning

Pictograms:



#### Hazard Statements:

H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.

#### Precautionary Statements:

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.
P391	Collect spillage.

**Hazardous components which must be listed on the label:**

54464-57-2	1-(2,3,8,8-Tetramethyl-1,2,3,4,5,6,7,8-octahydronaphthalen-2-yl)ethanone
5989-27-5	(R)-p-Mentha-1,8-diene
115-95-7	1,5-Dimethyl-1-vinylhex-4-en-1-yl acetate
144020-22-4	Methyl 2,6,10-trimethylcyclododeca-2,5,9-trien-1-yl ketone

**2.3. Other hazards**

None reasonably foreseeable

**SECTION 3: Composition/information on ingredients****Description of the mixture:**

A multi-component mixture of natural and/or synthetic aroma materials.

Conc. %	Description	CAS	EINECS	EDC	M-Factor	Classification EC 1907/2006
10-25	1-(2,3,8,8-Tetramethyl-1,2,3,4,5,6,7,8-octahydronaphthalen-2-yl)ethanone	54464-57-2	259-174-3		1	H315, H317, H410
2.5-10	1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylcyclopenta[g]-2-benzopyran	1222-05-5	214-946-9		1	H400, H410
2.5-10	Cedran-8-ol	77-53-2	201-035-6		1	H411
2.5-10	2,6-Dimethyloct-7-en-2-ol	18479-58-8	242-362-4		1	H315, H319
2.5-10	1-[(2-tert-butyl)cyclohexyloxy]-2-butanol	139504-68-0	412-300-2		1	H319, H411
2.5-10	(R)-p-Mentha-1,8-diene	5989-27-5	227-813-5		1	H226, H304, H315, H317, H400, H410
2.5-10	1,5-Dimethyl-1-vinylhex-4-en-1-yl acetate	115-95-7	204-116-4		1	H315, H317, H319
2.5-10	Diethyl phthalate	84-66-2	201-550-6		1	
1.0-2.5	Methyl 2,6,10-trimethylcyclododeca-2,5,9-trien-1-yl ketone	144020-22-4	248-995-2		1	H317, H400, H410
1.0-2.5	7-Hydroxy-3,7-dimethyloctanal	107-75-5	203-518-7		1	H317, H319
1.0-2.5	3,7-Dimethylocta-1,6-dien-3-ol	78-70-6	201-134-4		1	H315, H317, H319
1.0-2.5	alpha-Methyl-1,3-benzodioxole-5-propionaldehyde	1205-17-0	214-881-6		1	H317, H361, H411
1.0-2.5	3,7-Dimethylnona-1,6-dien-3-ol	10339-55-6	233-732-6		1	H315, H317, H319
1.0-2.5	Oxacyclohexadecan-2-one	106-02-5	203-354-6		1	H317, H411
1.0-2.5	2-Isobutyl-4-methyltetrahydro-2H-pyran-4-ol	63500-71-0	405-040-6		1	H319
1.0-2.5	3-Methyl-4-(2,6,6-trimethylcyclohex-2-en-1-yl)but-3-en-2-one	127-51-5	204-846-3		1	H315, H317, H411
1.0-2.5	2H-Chromen-2-one	91-64-5	202-086-7		1	H301, H311, H317, H331, H412
< 1.0	2-Benzylideneoctanal	101-86-0	202-983-3		1	H317, H400, H411
< 1.0	Bulnesia sarmienti, ext., acetate	94333-88-7	305-067-2		1	H315, H317, H400, H410
< 1.0	8-Methoxycedrane	19870-74-7	243-384-7		1	H317, H400, H410
< 1.0	E-Oxacyclohexadec-12(+13)-en-2-one	111879-80-2	422-320-3		1	H400, H410
< 1.0	Pentyl salicylate	2050-08-0	218-080-2		1	H302, H400, H410
< 1.0	2-tert-Butylcyclohexyl acetate	88-41-5	201-828-7		1	H411
< 1.0	1-Isopropyl-4-methylcyclohexa-1,4-diene	99-85-4	202-794-6		1	H226, H304, H361
< 1.0	6,6-Dimethyl-2-methylenebicyclo[3.1.1]heptane	127-91-3	204-872-5		1	H226, H304, H315, H317, H400, H410
< 1.0	4-(2,6,6-Trimethylcyclohex-1-en-1-yl)but-3-en-2-one	14901-07-6	238-969-9		1	H411
< 1.0	Oxacycloheptadec-7-en-2-one	28645-51-4	249-120-7		10	H400, H410
< 1.0	1,2,3,5,6,7-Hexahydro-1,1,2,3,3-pentamethyl-4H-inden-4-one	33704-61-9	251-649-3		1	H315, H317, H319, H411
< 1.0	3,7-Dimethylocta-2,6-dien-1-ol	106-24-1	203-377-1		1	H317, H318
< 1.0	4-Hydroxy-3-methoxybenzaldehyde	121-33-5	204-465-2		1	H319
< 1.0	3-Methyl-5-cyclopentadecen-1-one	82356-51-2	429-900-5		1	H317, H400, H410

Conc. %	Description	CAS	EINECS	EDC	M-Factor	Classification EC 1907/2006
< 1.0	Hydrocarbons, a natural component of essential oils - alicyclic and aliphatic				1	H226, H304
< 1.0	Cedr-8-ene	469-61-4	207-418-4		10	H304, H400, H410
< 1.0	1,3,3-trimethyl-2-oxabicyclo[2.2.2]octane	470-82-6	207-431-5		1	H226, H317
< 1.0	1,3-Benzodioxole-5-carbaldehyde	120-57-0	204-409-7		1	H317
< 1.0	1-Propanol, 2-methyl-3-[(1,7,7-trimethylbicyclo-[2.2.1]hept-2-yl)oxy]- and isomers	128119-70-0	416-210-4		1	H319, H411
< 1.0	2,2,5-Trimethyl-5-pentylcyclopentanone	65443-14-3	265-779-3		1	H411
< 1.0	2E-3,7-Dimethylocta-2,6-dien-1-ol	106-25-2	203-378-7		1	H315, H317, H319
< 1.0	3,7-Dimethylocta-2,6-dienal	5392-40-5	226-394-6		1	H315, H317, H319
< 1.0	3-(4-Isopropylphenyl)-2-methylpropanal	103-95-7	203-161-7		1	H315, H317, H412
< 1.0	Hex-3-en-1-ol	928-96-1	213-192-8		1	H226, H319
< 1.0	2,6,6-Trimethylbicyclo[3.1.1]hept-2-ene	80-56-8	201-291-9		1	H226, H304, H315, H317, H400, H410
< 1.0	3,7-Dimethylocta-2,6-dien-1-yl acetate	105-87-3	203-341-5		1	H315, H317, H412
< 1.0	3-methyl-5-phenyl-1-pentanol	55066-48-3	259-461-3		1	H302, H373
< 0.1	3-Ethoxy-4-hydroxybenzaldehyde	121-32-4	204-464-7		1	H319
< 0.1	1,7,7-Trimethylbicyclo[2.2.1]heptan-2-one	464-49-3	207-355-2		1	H228, H302, H315, H318, H332, H371, H411
< 0.01	Ethyl alcohol	64-17-5	200-578-6		1	H225, H319
< 0.001	Toluene impurity	108-88-3	203-625-9		1	H225, H304, H315, H336, H361, H373
< 0.001	2-Furaldehyde	98-01-1	202-627-7		1	H226, H301, H312, H315, H319, H330, H335, H351, H412

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

#### Contact with skin:

Remove all contaminated clothing.  
Wash with plenty of water and soap.

#### Contact with eyes:

Flush immediately with water for at least 10 minutes.  
Contact physician if symptoms persist.

#### Swallowing:

Rinse mouth with water.  
In severe cases seek medical attention and show the safety data sheet.

#### Inhalation:

No damage to health is expected.

### 4.2. Most important symptoms and effects, both acute and delayed

See Section 2.1

### 4.3. Indication of any immediate medical attention and special treatment needed

See Section 4.1

## SECTION 5: Firefighting Measures

### 5.1. Extinguishing media

#### Recommended extinguishers:

Carbon dioxide, foam or powder-fire extinguisher.

#### Extinguishers not to be used:

DO NOT USE WATER EXTINGUISHERS.

### 5.2. Special hazards arising from the substance or mixture

#### Risks arising from combustion:

Avoid inhaling the fumes.

**5.3. Advice for firefighters****Protective Equipment:**

Use protection for the respiratory tract.

**Additional Information:**

Contaminated fire extinguishing water must be collected separately; it must not enter sewerage system.

**SECTION 6: Accidental Release Measures****6.1. Personal precautions, protective equipment and emergency procedures**

Avoid inhalation and contact with skin and eyes.

Use personal protective equipment.

**6.2. Environmental hazards**

Inform fire brigade of large spillages.

Keep away from drains, surface and ground water, and soil.

Spillages should be contained immediately by use of sand or inert powder and disposed of according to local regulations.

**6.3. Methods and material for containment and cleaning up**

Rapidly recover the product. To do so, wear a mask and protective clothing. If possible, collect product for re-use or disposal. Do not allow the material to enter drainage systems.

**6.4. Reference to other sections**

See section 8

**SECTION 7: Handling and storage****7.1. Precautions for safe handling**

Apply good manufacturing and industrial hygiene practices and adequate ventilation.

Do not eat, drink or smoke while handling.

Respect good personal hygiene.

**7.2. Conditions for safe storage, including any incompatibilities****Storage Conditions:**

Store in well filled and tightly closed original containers, and protect from heat and light.

Avoid certain plastic and uncoated metal containers.

**Instructions as regards storage premises:**

Store in a cool, dry and ventilated area. Keep away from sources of ignition and naked flames.

**Incompatible Materials:**

None known that present a hazard.

**7.3. Specific end use(s)**

Perfumed product for professional or consumer use

**SECTION 8: Exposure controls/personal protection****8.1. Control parameters****Materials with occupational exposure standards:**

	WEL-STEL mg/m3	WEL-STEL ppm	WEL-TWA mg/m3	WEL-TWA ppm
Diethyl phthalate	10		5	
6,6-Dimethyl-2-methylenbicyclo[3.1.1]heptane	300	50	140	25
2,6,6-Trimethylbicyclo[3.1.1]hept-2-ene	300	50	140	25
1,7,7-Trimethylbicyclo[2.2.1]heptan-2-one	19	3	13	2
Ethyl alcohol			1920	1000
Toluene impurity	384	100	191	50
2-Furaldehyde	20	5	8	2

**8.2. Exposure controls****Precautionary Measures:**

Give adequate ventilation to the premises where the product is stored and/or handled.

**Protection for respiratory tract:**

Not needed for normal use.

**Protection for hands:**

Avoid contact. Use chemically resistant gloves as needed, e.g. butyl rubber or nitrile rubber protective index 6

**Protection for eyes:**

Avoid contact. Wear safety glasses

**Protection for skin:**

Avoid contact. Use suitable protective clothing as needed.

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**SECTION 9: Physical and chemical properties**

**9.1. Information on basic physical and chemical properties**

<b>Aspect</b>	Clear
<b>Colour</b>	Pale gold yellow
<b>State</b>	Liquid
<b>Odour</b>	Characteristic
<b>pH</b>	Non aqueous mixture, not determined
<b>Melting Point</b>	Not applicable
<b>Initial boiling point and boiling point range</b>	Not applicable
<b>Flash Point (°C)</b>	>61
<b>Evaporation Rate</b>	Not determined
<b>Vapour Pressure</b>	Not determined
<b>Vapour Density</b>	Not determined
<b>Relative Density</b>	0.96
<b>Solubility in Water</b>	No
<b>Partition Co-efficient : n-octanol /water</b>	Not determined
<b>Autoignition temperature</b>	Not determined
<b>Decomposition temperature</b>	Not determined
<b>Viscosity</b>	Not determined
<b>Explosive properties</b>	Not applicable
<b>Oxidising properties</b>	Not applicable

**9.2. Other information**

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**SECTION 10: Stability and Reactivity**

**10.1. Reactivity**

Substances to avoid: None in particular.

**10.2. Chemical stability**

Stable under normal conditions

**10.3. Possibility of hazardous reactions**

None known

**10.4. Conditions to avoid**

Stable under normal conditions.

**10.5. Incompatible materials**

None expected

**10.6. Hazardous decomposition products**

Carbon monoxide and unidentified organic compounds may be formed during combustion.

## **SECTION 11: Toxicological Information**

This preparation has not been subject to toxicological testing as an entity; therefore no specific LD50/LC50 values have been determined. The toxicological information available relating to the ingredients and their concentrations enables the evaluation of this preparation. For further information see sections 2, 15 & 16.

### **11.1. Information on toxicological effects**

ATE Dermal: >10000

ATE Oral: >10000

ATE Vapour: >20

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## **SECTION 12: Ecological Information**

### **12.1. Ecotoxicity**

This preparation has not been subject to ecological testing as an entity; therefore no specific data has been generated. The ecological information available relating to the ingredients and their concentrations enables the evaluation of this preparation. For further information see sections 2, 15 & 16. Avoid contaminating the earth as well as surface and ground water.

### **12.2. Persistence and degradability**

Not determined

### **12.3. Bioaccumulative potential**

Not determined

### **12.4. Mobility in soil**

Not determined

### **12.5. Results of PBT and vPvB assessment**

None present

### **12.6. Other adverse effects**

None known

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## **SECTION 13: Disposal Considerations**

### **13.1. Waste treatment methods**

The product should be disposed of in accordance to local regulations.  
Avoid disposing into drainage systems and into the environment.  
The soiled packaging should be disposed of in the same way as the product.

**SECTION 14: Transport Information**

ADR-UN Number	3082
ADR-Class	9
ADR-Shipping Name	Environmentally hazardous substance, liquid, n.o.s. (Contains: 1-(2,3,8,8-Tetramethyl-1,2,3,4,5,6,7,8-octahydronaphthalen-2-yl)ethanone)
ADR-Packing Group	III
ADR-Tunnel Code	No Information
IATA-UN Number	3082
IATA-Class	9
IATA-Shipping Name	Environmentally hazardous substance, liquid, n.o.s. (Contains: 1-(2,3,8,8-Tetramethyl-1,2,3,4,5,6,7,8-octahydronaphthalen-2-yl)ethanone)
IATA-Label	Miscellaneous
IATA-Packing Group	III
IATA-S.P.	A97
IATA-ERG	9L
IMDG-Marine Pollutant	Marine Pollutant
IMDG-UN Number	3082
IMDG-Class	9
IMDG-Shipping Name	Environmentally hazardous substance, liquid, n.o.s. (Contains: 1-(2,3,8,8-Tetramethyl-1,2,3,4,5,6,7,8-octahydronaphthalen-2-yl)ethanone)
IMDG-Packing Group	III
IMDG-Storage Category	A

**SECTION 15: Regulatory information****15.1. General Information**

For classification and labelling information see section 2. The classification of this mixture is in accordance with EC 1272/2008 as amended

**15.2. Chemical safety assessment**

No chemical safety assessment has been carried out for this mixture

**SECTION 16: Other Information****16.1. Classification Contribution Values**

H304:	0.423	H305:	0.000				
H314-1A:	0.000	H314-1B:	0.000	H314-1C:	0.000		
H315:	3.546	H316:	0.000				
H317:	17.200	H317-1A:	0.000	H317-1B:	0.000		
H318:	0.000	H319:	2.059				
H334-1A:	0.000	H334-1B:	0.000				
H335:	0.000	H336:	0.000				
H340-1A:	0.000	H340-1B:	0.000	H341:	0.000		
H350-1A:	0.000	H350-1B:	0.000	H351:	0.000		
H360-1A:	0.000	H360-1B:	0.000	H361:	0.000	H362:	0.000
H370:	0.000	H371:	0.000	H372:	0.000	H373:	0.000
H400:	1.033	H410:	1.689	H411:	17.480	H412:	174.849
H413:	1.856	H420:	0.000				

**16.2. Full list of Hazard and Precautionary phrases**

H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
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.
P332+P313	If skin irritation occurs: Get medical advice/attention.
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.
P363	Wash contaminated clothing before reuse.
P391	Collect spillage.
P501	Dispose of contents/container according to local regulations.

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The information in this data sheet is to the best of our knowledge true and accurate, but all data, instructions and/or suggestions are made without guarantee. These statements are solely for the above-mentioned product and should help to take adequate safety precautions. This "Safety Data Sheet" replaces all previous ones.

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**Revision Date:** 15/10/2021  
**Supersedes Date:** None  
**Change to Sections:** No information