

### SECTION 1: Identification of the hazardous chemical and of the supplier

#### 1.1 Product identifier

Product name : Roasted Coffee :  
Product form Mixture  
Product code : 46364F

#### 1.2 Other means of identification

No additional information available

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

Recommended use : Perfumes, fragrances

#### 1.4 Supplier's details

ZEN AROMA  
22c Portside Drive  
Mt Maunganui, 3116  
New Zealand  
PH: 07 578 4755  
support@zenaroma.co.nz

#### 1.5. Emergency phone number

Emergency number 0800 764 766 NZ Poisons Centre

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

6.1D	Flammable liquids Not classified
6.1E	Acute toxicity (oral), Category 4
6.5B	Acute toxicity (dermal), Category 5
9.1D	Skin sensitisation, Category 1
9.1B	Hazardous to the aquatic environment — Acute Hazard, Category 2
9.3B	Hazardous to the aquatic environment — Chronic Hazard, Category 2
	Ecotoxicity to terrestrial vertebrates B

#### 2.2. Label elements

##### GHS NZ labelling

Hazard pictograms (GHS NZ) :



Signal word (GHS NZ) : Warning

Contains : Benzyl benzoate (47.75566885 – 95.5726754 %) ; Coumarin crystals (0.05 – 0.1 %)

Hazard statements (GHS NZ) : H302 - Harmful if swallowed.  
H313 - May be harmful in contact with skin  
H317 - May cause an allergic skin reaction.  
H401 - Toxic to aquatic life  
H411 - Toxic to aquatic life with long lasting effects.  
H432 - Toxic to terrestrial vertebrates

Prevention : 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.

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Response : P312 - Call a POISON CENTER/doctor if you feel unwell.

### 2.3. Other hazards not contributing to the classification

No additional information available

## SECTION 3: Composition and information of the ingredients of the hazardous chemical

### 3.1. Substances

Not applicable

### 3.2. Mixtures

Name	Product identifier	%	Classification according to GHS NZ
Benzyl benzoate	CAS-No.: 120-51-4	47.75566885 – 95.5726754	9.3B: Ecotoxicity to terrestrial vertebrates B, H432 Flam. Liq. Not classified 6.1D: Acute Tox. 4 (Oral), H302 6.1E: Acute Tox. 5 (Dermal), H313 9.1D: Aquatic Acute 2, H401 9.1B: Aquatic Chronic 2, H411
Coumarin crystals	CAS-No.: 91-64-5	0.05 – 0.1	6.1C: Acute Tox. 3 (Oral), H301 6.1C: Acute Tox. 3 (Dermal), H311 6.5B: Skin Sens. 1, H317 9.1B: Aquatic Chronic 2, H411 9.3B: Ecotoxicity to terrestrial vertebrates B, H432

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

First-aid measures general : Call a poison center or a doctor if you feel unwell.  
First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing.  
First-aid measures after skin contact : Wash skin with plenty of water. Take off contaminated clothing. If skin irritation or rash occurs: Get medical advice/attention.  
First-aid measures after eye contact : Rinse eyes with water as a precaution.  
First-aid measures after ingestion : Rinse mouth. Call a poison center or a doctor if you feel unwell.

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

Symptoms/effects after skin contact : May cause an allergic skin reaction.

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

Other medical advice or treatment : Treat symptomatically.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

Suitable extinguishing media : Water spray. Dry powder. Foam. Carbon dioxide.

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

Hazardous decomposition products in case of fire : Toxic fumes may be released.

### 5.3. Special protective equipment and precautions for fire-fighters

Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

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### SECTION 6: Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

No additional information available

##### 6.1.1. For non-emergency personnel

Emergency procedures : Ventilate spillage area. Avoid contact with skin, eyes and clothing. Avoid breathing dust/fume/gas/mist/vapours/spray.

##### 6.1.2. For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

#### 6.2. Environmental precautions

Avoid release to the environment.

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

For containment : Collect spillage.  
Methods for cleaning up : Take up liquid spill into absorbent material.

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

Precautions for safe handling : Ensure good ventilation of the work station. Do not get in eyes, on skin, or on clothing. Wear personal protective equipment. Avoid breathing dust/fume/gas/mist/vapours/spray.  
Hygiene measures : Wash contaminated clothing before reuse. Contaminated work clothing should not be allowed out of the workplace. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

#### 7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Store in a well-ventilated place. Keep cool.

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

No additional information available

##### Exposure limit values for the other components

No additional information available

#### 8.2. Monitoring

No additional information available

#### 8.3. Appropriate engineering controls

Appropriate engineering controls : Ensure good ventilation of the work station.

#### 8.4. Individual protection measures, such as personal protective equipment (PPE)

Hand protection : Protective gloves  
Eye protection : Safety glasses  
Skin and body protection : Wear suitable protective clothing  
Respiratory protection : In case of insufficient ventilation, wear suitable respiratory equipment

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### Personal protective equipment symbol(s)



Environmental exposure controls : Avoid release to the environment.

## SECTION 9: Physical and chemical properties

Physical state	: Liquid
Appearance	: No data available
Colour	: No data available
Odour	: No data available
Odour threshold	: No additional information available
pH	: No additional information available
Evaporation rate	: No additional information available
Relative evaporation rate (butylacetate=1)	: No data available
Melting point / Freezing point	: Melting point: Not applicable
Boiling point	: No data available
Flash point	: > 93 °C (closed cup) ASTM D7094
Auto-ignition temperature	: No data available
Flammability (solid, gas)	: Not applicable
Vapour pressure	: No additional information available
Relative density	: No additional information available
Density	: Relative density: 1.14
Solubility	: No additional information available
Partition coefficient n-octanol/water (Log Pow)	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Explosive limits	: No additional information available
Minimum ignition energy	: No data available

## SECTION 10: Stability and reactivity

Reactivity	: The product is non-reactive under normal conditions of use, storage and transport.
Chemical stability	: Stable under normal conditions.
Possibility of hazardous reactions	: No dangerous reactions known under normal conditions of use.
Conditions to avoid	: None under recommended storage and handling conditions (see section 7).
Incompatible materials	: No additional information available
Hazardous decomposition products	: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Acute toxicity (oral)	: Harmful if swallowed.
Acute toxicity (dermal)	: May be harmful in contact with skin.
Acute toxicity (inhalation)	: Not classified

ATE NZ (oral)	523.162 mg/kg bodyweight
ATE NZ (Dermal)	4185.297 mg/kg bodyweight

### BenzyI benzoate (120-51-4)

LD50 oral rat	500 mg/kg
LD50 oral	1500 mg/kg bodyweight
LD50 dermal rabbit	4000 mg/kg

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Benzyl benzoate (120-51-4)	
LD50 dermal	4000 mg/kg bodyweight
Coumarin crystals (91-64-5)	
LD50 oral rat	> 5000 mg/kg
LD50 oral	500 mg/kg bodyweight
LD50 dermal rat	293 mg/kg
Skin corrosion/irritation	: Not classified
Serious eye damage/irritation	: Not classified
Respiratory or skin sensitisation	: May cause an allergic skin reaction.
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
STOT-single exposure	: Not classified
STOT-repeated exposure	: Not classified
Aspiration hazard	: Not classified
Roasted Coffee	
Viscosity, kinematic	

## SECTION 12: Ecological information

### 12.1. Toxicity

Ecology - general	: Toxic to aquatic life. Toxic to aquatic life with long lasting effects.
Hazardous to the aquatic environment, short-term (acute)	: Toxic to aquatic life.
Hazardous to the aquatic environment, long-term (chronic)	: Toxic to aquatic life with long lasting effects.
Soil toxicity	: Not classified
Terrestrial vertebrate toxicity	: Toxic to terrestrial vertebrates.
Terrestrial invertebrate toxicity	: Not classified

Benzyl benzoate (120-51-4)	
LC50 - Fish [1]	2.32 mg/l (Exposure time: 96 h - Species: Danio rerio [semi-static])
NOEC (chronic)	0.168 mg/l
Partition coefficient n-octanol/water (Log Pow)	4
LD50 dermal rabbit	4000 mg/kg
LD50 oral rat	500 mg/kg
Coumarin crystals (91-64-5)	
	293 mg/kg
LD50 oral rat	> 5000 mg/kg

### 12.2. Persistence and degradability

Roasted Coffee	
Persistence and degradability	No additional information available
Benzyl benzoate (120-51-4)	
Persistence and degradability	May cause long-term adverse effects in the environment.

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### 12.3. Bioaccumulative potential

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Bioaccumulative potential : No additional information available

#### Benzyl benzoate (120-51-4)

Partition coefficient n-octanol/water (Log Pow) : 4

Bioaccumulative potential : Not established.

### 12.4. Mobility in soil

#### Roasted Coffee

Mobility in soil : No additional information available

#### Benzyl benzoate (120-51-4)

Partition coefficient n-octanol/water (Log Pow) : 4

### 12.5. Other adverse effects

Ozone : Not classified  
Other adverse effects : No additional information available

## SECTION 13: Disposal considerations

Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.

## SECTION 14: Transport information

### 14.1. UN number

UN-No.(UN RTDG) : 3082  
UN-No. (IMDG) : 3082  
UN-No. (IATA) : 3082

### 14.2. Proper Shipping Name

Proper Shipping Name (UN RTDG) : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Benzyl benzoate)  
Proper Shipping Name (IMDG) : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Benzyl benzoate)  
Proper Shipping Name (IATA) : Environmentally hazardous substance, liquid, n.o.s. (Benzyl benzoate)

### 14.3. Transport hazard class(es)

#### UN RTDG

Transport hazard class(es) (UN RTDG) : 9  
Danger labels (UN RTDG) :



#### IMDG

Transport hazard class(es) (IMDG) : 9  
Danger labels (IMDG) :



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### IATA

Transport hazard class(es) (IATA) : 9  
Danger labels (IATA) : 9



### 14.4. Packing group

Packing group (UN RTDG) : III  
Packing group (IMDG) : III  
Packing group (IATA) : III

### 14.5. Environmental hazards

Dangerous for the environment : True  
Marine pollutant : Yes  
Other information : No supplementary information available

### 14.6. Special precautions for user

#### UN RTDG

Special provisions (UN RTDG) : 274, 331, 335, 375  
Limited quantities (UN RTDG) : 5L  
Excepted quantities (UN RTDG) : E1  
Packing instruction (UN RTDG) : P001, IBC03, LP01  
Special packing provisions (UN RTDG) : PP1  
Portable tank and bulk container special instructions (UN RTDG) : T4  
Portable tank and bulk container special provisions (UN RTDG) : TP1, TP29

#### IMDG

Special provisions (IMDG) : 274, 335, 969  
Limited quantities (IMDG) : 5 L  
Excepted quantities (IMDG) : E1  
Packing instructions (IMDG) : LP01, P001  
Special packing provisions (IMDG) : PP1  
IBC packing instructions (IMDG) : IBC03  
Tank instructions (IMDG) : T4  
Tank special provisions (IMDG) : TP1, TP29  
EmS-No. (Fire) : F-A - FIRE SCHEDULE Alfa - GENERAL FIRE SCHEDULE  
EmS-No. (Spillage) : S-F - SPILLAGE SCHEDULE Foxtrot - WATER-SOLUBLE MARINE POLLUTANTS  
Stowage category (IMDG) : A

#### IATA

PCA Excepted quantities (IATA) : E1  
PCA Limited quantities (IATA) : Y964  
PCA limited quantity max net quantity (IATA) : 30kgG  
PCA packing instructions (IATA) : 964  
PCA max net quantity (IATA) : 450L  
CAO packing instructions (IATA) : 964  
CAO max net quantity (IATA) : 450L  
Special provisions (IATA) : A97, A158, A197, A215  
ERG code (IATA) : 9L

### 14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

### 14.8. Hazchem or Emergency Action Code

Not applicable

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### SECTION 15: Regulatory information

#### 15.1. Safety, health, and environmental national regulations specific for the product

##### Hazardous Substances and New Organisms Act

Group standard : Food additives and fragrance materials

##### Benzyl benzoate (120-51-4)

##### Hazardous Substances and New Organisms Act

HSNO Approval Number	HSR003504
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##### Coumarin crystals (91-64-5)

##### Hazardous Substances and New Organisms Act

HSNO Approval Number	HSR003237
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#### 15.2. Chemical safety assessment

No additional information available

### SECTION 16: Other information

Issue date : 8/30/2021

#### Full text of H-statements

6.1C: Acute Tox. 3 (Dermal)	6.1C: Acute toxicity (dermal), Category 3
6.1C: Acute Tox. 3 (Oral)	6.1C: Acute toxicity (oral), Category 3
6.1D: Acute Tox. 4 (Oral)	6.1D: Acute toxicity (oral), Category 4
6.1E: Acute Tox. 5 (Dermal)	6.1E: Acute toxicity (dermal), Category 5
6.5B: Skin Sens. 1	6.5B: Skin sensitisation, Category 1
9.1B: Aquatic Chronic 2	9.1B: Hazardous to the aquatic environment — Chronic Hazard, Category 2
9.1D: Aquatic Acute 2	9.1D: Hazardous to the aquatic environment — Acute Hazard, Category 2
9.3B: Ecotoxicity to terrestrial vertebrates B	9.3B: Ecotoxicity to terrestrial vertebrates B
Flam. Liq. Not classified	Flammable liquids Not classified
H301	Toxic if swallowed.
H302	Harmful if swallowed.
H311	Toxic in contact with skin.
H313	May be harmful in contact with skin
H317	May cause an allergic skin reaction.
H401	Toxic to aquatic life
H411	Toxic to aquatic life with long lasting effects.
H432	Toxic to terrestrial vertebrates

Safety Data Sheet (SDS), New Zealand



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This SDS is current to the date listed above. However, the GHS classifications may change due to hazard communication updates by the overseeing governing body. For the most current SDS information please contact [support@zenaroma.co.nz](mailto:support@zenaroma.co.nz)