

# Safety Data Sheet

## Deo Minimal Balsamic



Safety Data Sheet dated 5/7/2021, version 5

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

Mixture identification:

Trade name: Deo Minimal Balsamic

Trade code: 1764

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

Recommended use:

Car air freshener

Uses advised against:

Strictly adhere to the recommended uses.

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

Supplier:

Arexons S.p.A.

via Antica di Cassano, 23, 20063

Cernusco sul Naviglio (MI), Italy

Arexons S.p.A.

Tel. +39 (0)2/924361 - Fax +39 (0)2/92436306

Competent person responsible for the safety data sheet:

arexons@arexons.it

#### 1.4. Emergency telephone number

Arexons S.p.A.

Tel. +39 (0)2/924361 - Fax +39 (0)2/92436306

In England and Wales: NHS 111 - dial 111

In Scotland: NHS 24 - dial 111

In Ireland: Beaumont Hospital - National Poisons Information Centre 01 809 2166 (7days, 8:00 - 22:00)

In South Africa: Poison Information Helpline 0861 555 777

In Malta: emergency number 112

### SECTION 2: Hazards identification

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

EC regulation criteria 1272/2008 (CLP):

- ⚠ Warning, Flam. Sol. 2, Flammable solid.
- ⚠ Warning, Skin Irrit. 2, Causes skin irritation.
- ⚠ Warning, Eye Irrit. 2, Causes serious eye irritation.
- ⚠ Warning, Skin Sens. 1B, May cause an allergic skin reaction.
- ⚠ Aquatic Chronic 2, Toxic to aquatic life with long lasting effects.

Adverse physicochemical, human health and environmental effects:

No other hazards

#### 2.2. Label elements

Hazard pictograms:



Warning

Hazard statements:

H228 Flammable solid.

H315 Causes skin irritation.

H319 Causes serious eye irritation.

1764/5

Page n. 1 of 13

## Safety Data Sheet

### Deo Minimal Balsamic



H317 May cause an allergic skin reaction.  
H411 Toxic to aquatic life with long lasting effects.

#### Precautionary statements:

P101 If medical advice is needed, have product container or label at hand.  
P102 Keep out of reach of children.  
P103 Read carefully and follow all instructions.  
P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
P273 Avoid release to the environment.  
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.  
P333+P313 If skin irritation or rash occurs: Get medical advice/attention.  
P337+P313 If eye irritation persists: Get medical advice/attention.  
P370+P378 In case of fire, use a foam fire extinguisher to extinguish.  
P501 Dispose of contents/container in accordance with applicable regulations.

#### Special Provisions:

PACK2 The packing must have tactile indications of danger for blind people.  
EUH208 Contains dodecanal. May produce an allergic reaction.  
EUH208 Contains Eugenol. May produce an allergic reaction.  
EUH208 Contains (R)-p-mentha-1,8-diene; d-limonene. May produce an allergic reaction.  
EUH208 Contains Beta Pinene. May produce an allergic reaction.  
EUH208 Contains 2,4-dimethylcyclohex-3-ene-1-carbaldehyde. May produce an allergic reaction.  
EUH208 Contains OTNE  
[1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8-tetramethyl-2-naphthyl)-ethanone]. May produce an allergic reaction.  
EUH208 Contains Coumarin. May produce an allergic reaction.

#### Contains

2-Methylundecanal

#### Special provisions according to Annex XVII of REACH and subsequent amendments:

None

#### 2.3. Other hazards

No PBT, vPvB or endocrine disruptor substances present in concentration  $\geq 0.1\%$

#### Other Hazards:

No other hazards

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## SECTION 3: Composition/information on ingredients

### 3.1. Substances

N.A.

### 3.2. Mixtures

Hazardous components within the meaning of the CLP regulation and related classification:

$\geq 7\%$  -  $< 10\%$  METHYL SALICYLATE

CAS: 119-36-8, EC: 204-317-7

⚠ 3.1/4/Oral Acute Tox. 4 H302

$\geq 7\%$  -  $< 10\%$  MENTHOL

REACH No.: 01-2119458866-21, CAS: 2216-51-5, EC: 218-690-9

⚠ 3.2/2 Skin Irrit. 2 H315

⚠ 3.3/2 Eye Irrit. 2 H319

$\geq 3\%$  -  $< 5\%$  Thuyone

CAS: 546-80-5, EC: 208-912-2

⚠ 3.1/4/Oral Acute Tox. 4 H302

## Safety Data Sheet

### Deo Minimal Balsamic



- >= 3% - < 5% 2-Methylundecanal  
REACH No.: 01-2119969443-29, CAS: 110-41-8, EC: 203-765-0  
⚠ 3.2/2 Skin Irrit. 2 H315  
⚠ 3.4.2/1B Skin Sens. 1B H317  
⚠ 4.1/A1 Aquatic Acute 1 H400  
⚠ 4.1/C1 Aquatic Chronic 1 H410
- >= 3% - < 5% 2-TERT-BUTYLCYCLOHEXYL ACETATE  
CAS: 88-41-5, EC: 201-828-7  
⚠ 4.1/C2 Aquatic Chronic 2 H411
- >= 3% - < 5% dodecanal  
REACH No.: 01-2119969441-33, CAS: 112-54-9, EC: 203-983-6  
⚠ 3.2/2 Skin Irrit. 2 H315  
⚠ 3.3/2 Eye Irrit. 2 H319  
⚠ 3.4.2/1 Skin Sens. 1 H317
- >= 3% - < 5% 3a,4,5,6,7,7a-hexahydro-4,7-methanoinden-6-yl acetate  
REACH No.: 01-2119488219-26, CAS: 5413-60-5, EC: 226-501-6  
4.1/C3 Aquatic Chronic 3 H412
- >= 1% - < 2% Eugenol  
REACH No.: 01-2119971802-33, CAS: 97-53-0, EC: 202-589-1  
⚠ 3.3/2 Eye Irrit. 2 H319  
⚠ 3.4.2/1 Skin Sens. 1 H317
- >= 0.5% - < 1% (R)-p-mentha-1,8-diene; d-limonene  
REACH No.: 01-2119529223-47, Index number: 601-029-00-7, CAS: 5989-27-5, EC: 227-813-5  
⚠ 2.6/3 Flam. Liq. 3 H226  
⚠ 3.10/1 Asp. Tox. 1 H304  
⚠ 3.2/2 Skin Irrit. 2 H315  
⚠ 3.4.2/1B Skin Sens. 1B H317  
⚠ 4.1/A1 Aquatic Acute 1 H400  
⚠ 4.1/C1 Aquatic Chronic 1 H410
- >= 0.5% - < 1% OTNE [1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8-tetramethyl-2-naphthyl)-ethanone]  
REACH No.: 01-2119489989-04, CAS: 54464-57-2, EC: 259-174-3  
⚠ 3.2/2 Skin Irrit. 2 H315  
⚠ 3.4.2/1 Skin Sens. 1 H317  
⚠ 4.1/C2 Aquatic Chronic 2 H411
- >= 0.5% - < 1% Beta Pinene  
REACH No.: 01-2119519230-54, CAS: 127-91-3, EC: 204-872-5  
⚠ 3.10/1 Asp. Tox. 1 H304  
⚠ 4.1/A1 Aquatic Acute 1 H400  
⚠ 2.6/3 Flam. Liq. 3 H226  
⚠ 4.1/C2 Aquatic Chronic 2 H411  
⚠ 3.2/2 Skin Irrit. 2 H315  
⚠ 3.4.2/1B Skin Sens. 1B H317
- >= 0.5% - < 1% 2,4-dimethylcyclohex-3-ene-1-carbaldehyde  
REACH No.: 01-2119982384-28, CAS: 68039-49-6, EC: 268-264-1  
⚠ 3.2/2 Skin Irrit. 2 H315  
⚠ 3.4.2/1B Skin Sens. 1B H317  
⚠ 4.1/C2 Aquatic Chronic 2 H411

## Safety Data Sheet

### Deo Minimal Balsamic



>= 0.5% - < 1% Alpha-cedrene  
CAS: 469-61-4, EC: 207-418-4  
⚠ 3.10/1 Asp. Tox. 1 H304  
⚠ 4.1/A1 Aquatic Acute 1 H400  
⚠ 4.1/C1 Aquatic Chronic 1 H410

>= 0.5% - < 1% Coumarin  
REACH No.: 01-2119943756-26, CAS: 91-64-5, EC: 202-086-7  
⚠ 3.1/4/Oral Acute Tox. 4 H302  
⚠ 3.4.2/1B Skin Sens. 1B H317

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#### SECTION 4: First aid measures

##### 4.1. Description of first aid measures

In case of skin contact:

Immediately take off all contaminated clothing.  
Remove contaminated clothing immediately and dispose off safely.  
After contact with skin, wash immediately with soap and plenty of water.

In case of eyes contact:

After contact with the eyes, rinse with water with the eyelids open for a sufficient length of time, then consult an ophthalmologist immediately.  
Protect uninjured eye.

In case of Ingestion:

Do not under any circumstances induce vomiting. OBTAIN A MEDICAL EXAMINATION IMMEDIATELY.

In case of Inhalation:

Remove casualty to fresh air and keep warm and at rest.

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

None

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

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

Treatment:

None

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#### SECTION 5: Firefighting measures

##### 5.1. Extinguishing media

Appropriate Extinguishing Media:

To carbon dioxide.

To water.

Not Recommended Extinguishing Media:

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

Do not inhale explosion and combustion gases.

Burning produces heavy smoke.

##### 5.3. Advice for firefighters

Use suitable breathing apparatus .

Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

Move undamaged containers from immediate hazard area if it can be done safely.

## Safety Data Sheet

### Deo Minimal Balsamic



#### SECTION 6: Accidental release measures

- 6.1. Personal precautions, protective equipment and emergency procedures
  - Wear personal protection equipment.
  - Remove all sources of ignition.
  - Remove persons to safety.
  - See protective measures under point 7 and 8.
- 6.2. Environmental precautions
  - Do not allow to enter into soil/subsoil. Do not allow to enter into surface water or drains.
  - Retain contaminated washing water and dispose it.
  - In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.
  - Suitable material for taking up: absorbing material, organic, sand
- 6.3. Methods and material for containment and cleaning up
  - Wash with plenty of water.
- 6.4. Reference to other sections
  - See also section 8 and 13

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#### SECTION 7: Handling and storage

- 7.1. Precautions for safe handling
  - Avoid contact with skin and eyes, inhalation of vapours and mists.
  - Don't use empty container before they have been cleaned.
  - Before making transfer operations, assure that there aren't any incompatible material residuals in the containers.
  - See also section 8 for recommended protective equipment.
  - Advice on general occupational hygiene:
    - Contaminated clothing should be changed before entering eating areas.
    - Do not eat or drink while working.
- 7.2. Conditions for safe storage, including any incompatibilities
  - Do not store this material near food and drinks.
  - Store at below 50 °C. Keep away from unguarded flame and heat sources. Avoid direct exposure to sunlight.
  - Keep away from unguarded flame, sparks, and heat sources. Avoid direct exposure to sunlight.
  - Keep away from food, drink and feed.
  - None in particular.
  - Instructions as regards storage premises:
    - Cool and adequately ventilated.
- 7.3. Specific end use(s)
  - None in particular

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#### SECTION 8: Exposure controls/personal protection

- 8.1. Control parameters
  - Beta Pinene - CAS: 127-91-3
    - ACGIH - TWA(8h): 20 ppm - Notes: DSEN, A4 - Lung irr
  - DNEL Exposure Limit Values
    - N.A.
  - PNEC Exposure Limit Values
    - N.A.
- 8.2. Exposure controls
  - Eye protection:
    - Face protection shield.
    - Compliant with EN 166
  - Protection for skin:
    - No special precaution must be adopted for normal use.
  - Protection for hands:
    - PVC (polyvinyl chloride).
    - Neoprene.

## Safety Data Sheet

### Deo Minimal Balsamic



Nitrile.  
 Compliant with EN 374.  
 Respiratory protection:  
 Not needed for normal use.  
 Thermal Hazards:  
 None  
 Environmental exposure controls:  
 None  
 Appropriate engineering controls:  
 None

## SECTION 9: Physical and chemical properties

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

Properties	Value	Method:	Notes:
Physical state:	Solid	--	--
Colour:	N.A.	--	--
Odour:	N.A.	--	--
Melting point/freezing point:	N.A.	--	--
Boiling point or initial boiling point and boiling range:	N.A.	--	--
Flammability:	Flam. Sol. 2, H228	--	--
Lower and upper explosion limit:	N.A.	--	--
Flash point:	>76°C	--	--
Auto-ignition temperature:	N.A.	--	--
Decomposition temperature:	N.A.	--	--
pH:	N.A.	--	--
Kinematic viscosity:	N.A.	--	--
Solubility in water:	N.A.	--	--
Solubility in oil:	N.A.	--	--
Partition coefficient n-octanol/water (log value):	N.A.	--	--
Vapour pressure:	N.A.	--	--
Density and/or relative density:	0.975	--	--
Relative vapour density:	N.A.	--	--

## Safety Data Sheet

### Deo Minimal Balsamic



#### Particle characteristics:

Particle size:	N.A.	--	--
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- 9.2. Other information  
No other relevant information

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### SECTION 10: Stability and reactivity

- 10.1. Reactivity  
Stable under normal conditions
- 10.2. Chemical stability  
Stable under normal conditions
- 10.3. Possibility of hazardous reactions  
None
- 10.4. Conditions to avoid  
Stable under normal conditions.
- 10.5. Incompatible materials  
Avoid contact with combustible materials. The product could catch fire.
- 10.6. Hazardous decomposition products  
None.

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### SECTION 11: Toxicological information

- 11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Toxicological information of the product:

Deo Minimal Balsamic

a) acute toxicity

Not classified

Based on available data, the classification criteria are not met

b) skin corrosion/irritation

The product is classified: Skin Irrit. 2 H315

c) serious eye damage/irritation

The product is classified: Eye Irrit. 2 H319

d) respiratory or skin sensitisation

The product is classified: Skin Sens. 1B H317

e) germ cell mutagenicity

Not classified

Based on available data, the classification criteria are not met

f) carcinogenicity

Not classified

Based on available data, the classification criteria are not met

g) reproductive toxicity

Not classified

Based on available data, the classification criteria are not met

h) STOT-single exposure

Not classified

Based on available data, the classification criteria are not met

i) STOT-repeated exposure

Not classified

Based on available data, the classification criteria are not met

j) aspiration hazard

Not classified

Based on available data, the classification criteria are not met

Toxicological information of the main substances found in the product:

METHYL SALICYLATE - CAS: 119-36-8

## Safety Data Sheet

### Deo Minimal Balsamic



- a) acute toxicity:  
Test: LC50 - Route: Oral - Species: Rat = 887 mg/kg  
Test: LD50 - Route: Skin - Species: Rabbit > 5000 mg/kg
- b) skin corrosion/irritation:  
Test: Skin Irritant - Route: Skin - Species: Rabbit No
- c) serious eye damage/irritation:  
Test: Eye Irritant - Route: EYE - Species: Rabbit No
- MENTHOL - CAS: 2216-51-5
- a) acute toxicity:  
Test: LD50 - Route: Skin - Species: Rabbit > 5000 mg/kg  
Test: LC50 - Route: Inhalation - Species: Rat = 5289 mg/m<sup>3</sup>  
Test: LD50 - Route: Oral - Species: Mouse 3400 mg/kg
- 2-Methylundecanal - CAS: 110-41-8
- a) acute toxicity:  
Test: LD50 - Route: Oral - Species: Rat > 5000 mg/kg  
Test: LD50 - Route: Skin - Species: Rabbit > 10000 mg/kg
- 2-TERT-BUTYLCYCLOHEXYL ACETATE - CAS: 88-41-5
- a) acute toxicity:  
Test: LD50 - Route: Oral - Species: Rat = 4600 mg/kg  
Test: LD50 - Route: Skin - Species: Rabbit > 5000 mg/kg
- b) skin corrosion/irritation:  
Test: Skin Irritant - Species: esseri umani Negative - Duration: 48h
- d) respiratory or skin sensitisation:  
Test: Skin Sensitization - Species: esseri umani Negative - Duration: 48h
- 3a,4,5,6,7,7a-hexahydro-4,7-methanoinden-6-yl acetate - CAS: 5413-60-5
- a) acute toxicity:  
Test: LD50 - Route: Oral - Species: Rat > 5000 mg/kg  
Test: LD50 - Route: Skin - Species: Rabbit > 5000 mg/kg
- OTNE [1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8-tetramethyl-2-naphthyl)-ethanone] - CAS: 54464-57-2
- a) acute toxicity:  
Test: LD50 - Route: Oral - Species: Rat > 5000 mg/kg  
Test: LD50 - Route: Skin - Species: Rabbit > 5000 mg/kg
- Beta Pinene - CAS: 127-91-3
- a) acute toxicity:  
Test: LD50 - Route: Oral - Species: Rat 4700 mg/kg
- 2,4-dimethylcyclohex-3-ene-1-carbaldehyde - CAS: 68039-49-6
- a) acute toxicity:  
Test: LD50 - Route: Oral - Species: Rat = 3900 mg/kg  
Test: LD50 - Route: Skin - Species: Rabbit = 5000 mg/kg
- Coumarin - CAS: 91-64-5
- a) acute toxicity:  
Test: LD50 - Route: Oral - Species: Rat = 520

#### 11.2. Information on other hazards

Endocrine disrupting properties:

No endocrine disruptor substances present in concentration  $\geq 0.1\%$

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## SECTION 12: Ecological information

### 12.1. Toxicity

Adopt good working practices, so that the product is not released into the environment.

METHYL SALICYLATE - CAS: 119-36-8

#### a) Aquatic acute toxicity:

Endpoint: LC50 - Species: Fish > 100 mg/l - Duration h: 96

Endpoint: EC50 - Species: Algae 27 mg/l - Duration h: 72

#### b) Aquatic chronic toxicity:

1764/5

Page n. 8 of 13



## Safety Data Sheet

### Deo Minimal Balsamic



- Endpoint: NOEC - Species: Algae 6.25 mg/l - Duration h: 16  
2-Methylundecanal - CAS: 110-41-8  
a) Aquatic acute toxicity:  
Endpoint: LC50 - Species: Fish = 0.35 mg/l - Duration h: 96  
Endpoint: EC50 - Species: Daphnia = 0.21 mg/l - Duration h: 48  
Endpoint: EC50 - Species: Algae = 0.18 mg/l - Duration h: 72  
Endpoint: NOEC - Species: Algae = 0.089 mg/l - Duration h: 72  
2-TERT-BUTYLCYCLOHEXYL ACETATE - CAS: 88-41-5  
a) Aquatic acute toxicity:  
Endpoint: LC50 - Species: Fish = 5.6 mg/l - Duration h: 48  
Endpoint: EC50 - Species: Daphnia = 17 mg/l - Duration h: 48  
Endpoint: EC50 - Species: Algae = 4.2 mg/l - Duration h: 72  
b) Aquatic chronic toxicity:  
Endpoint: NOEC - Species: Algae = 0.57 mg/l  
3a,4,5,6,7,7a-hexahydro-4,7-methanoinden-6-yl acetate - CAS: 5413-60-5  
a) Aquatic acute toxicity:  
Endpoint: LC50 - Species: Fish = 15 mg/l - Duration h: 96  
Alpha-cedrene - CAS: 469-61-4  
a) Aquatic acute toxicity:  
Endpoint: EC50 - Species: Daphnia 0.05 mg/kg  
Coumarin - CAS: 91-64-5  
a) Aquatic acute toxicity:  
Endpoint: LC50 - Species: Fish = 2.94 mg/l - Duration h: 96  
Endpoint: EC50 - Species: Daphnia = 24.3 mg/l - Duration h: 48  
Endpoint: EC50 - Species: Algae = 1.45 mg/l - Duration h: 72  
12.2. Persistence and degradability  
None  
3a,4,5,6,7,7a-hexahydro-4,7-methanoinden-6-yl acetate - CAS: 5413-60-5  
Biodegradability: Non-readily biodegradable - Test: BIOGDG10 - %: 14  
12.3. Bioaccumulative potential  
N.A.  
12.4. Mobility in soil  
N.A.  
12.5. Results of PBT and vPvB assessment  
vPvB Substances: None - PBT Substances: None  
12.6. Endocrine disrupting properties  
No endocrine disruptor substances present in concentration  $\geq 0.1\%$   
12.7. Other adverse effects  
None

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### SECTION 13: Disposal considerations

- 13.1. Waste treatment methods  
Recover, if possible. Send to authorised disposal plants or for incineration under controlled conditions. In so doing, comply with the local and national regulations currently in force.  
Additional disposal information:  
Reuse if possible. Act in accordance with the local and national laws in force.

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### SECTION 14: Transport information



- 14.1. UN number or ID number

1764/5

Page n. 9 of 13

## Safety Data Sheet

### Deo Minimal Balsamic



ADR-UN Number:	1325
IATA-UN Number:	1325
IMDG-UN Number:	1325
14.2. UN proper shipping name	
ADR-Shipping Name:	FLAMMABLE SOLID, ORGANIC, N.O.S.(2-Methylundecanal)
IATA-Shipping Name:	FLAMMABLE SOLID, ORGANIC, N.O.S.(2-Methylundecanal)
IMDG-Shipping Name:	FLAMMABLE SOLID, ORGANIC, N.O.S.(2-Methylundecanal)
14.3. Transport hazard class(es)	
ADR-Class:	4.1
ADR - Hazard identification number:	40
IATA-Class:	4.1
IATA-Label:	4.1
IMDG-Class:	4.1
14.4. Packing group	
ADR-Packing Group:	II
IATA-Packing group:	II
IMDG-Packing group:	II
14.5. Environmental hazards	
ADR-Environmental Pollutant:	Yes
IMDG-Marine pollutant:	Marine Pollutant
IMDG-EmS:	F-A, S-G
14.6. Special precautions for user	
ADR-Subsidiary hazards:	-
ADR-S.P.:	274
ADR-Transport category (Tunnel restriction code):	2 (E)
IATA-Passenger Aircraft:	445
IATA-Subsidiary hazards:	-
IATA-Cargo Aircraft:	448
IATA-S.P.:	A3 A803
IATA-ERG:	3L
IMDG-Subsidiary hazards:	-
IMDG-Stowage and handling:	Category B
IMDG-Segregation:	SG72
14.7. Maritime transport in bulk according to IMO instruments	
No	
Limited Quantity:	1 kg
Exempted Quantity:	E2

### SECTION 15: Regulatory information

- 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture
- Dir. 98/24/EC (Risks related to chemical agents at work)
  - Dir. 2000/39/EC (Occupational exposure limit values)
  - Regulation (EC) n. 1907/2006 (REACH)
  - Regulation (EC) n. 1272/2008 (CLP)
  - Regulation (EC) n. 790/2009 (ATP 1 CLP) and (EU) n. 758/2013
  - Regulation (EU) n. 2020/878
  - Regulation (EU) n. 286/2011 (ATP 2 CLP)
  - Regulation (EU) n. 618/2012 (ATP 3 CLP)
  - Regulation (EU) n. 487/2013 (ATP 4 CLP)
  - Regulation (EU) n. 944/2013 (ATP 5 CLP)
  - Regulation (EU) n. 605/2014 (ATP 6 CLP)
  - Regulation (EU) n. 2015/1221 (ATP 7 CLP)
  - Regulation (EU) n. 2016/918 (ATP 8 CLP)
  - Regulation (EU) n. 2016/1179 (ATP 9 CLP)
  - Regulation (EU) n. 2017/776 (ATP 10 CLP)

## Safety Data Sheet

### Deo Minimal Balsamic



Regulation (EU) n. 2018/669 (ATP 11 CLP)

Regulation (EU) n. 2018/1480 (ATP 13 CLP)

Regulation (EU) n. 2019/521 (ATP 12 CLP)

Restrictions related to the product or the substances contained according to Annex XVII Regulation (EC) 1907/2006 (REACH) and subsequent modifications:

Restrictions related to the product:

Restriction 40

Restrictions related to the substances contained:

No restriction.

Volatile Organic compounds - VOCs = 9.90 %

Volatile Organic compounds - VOCs = 99.00 g/Kg

Volatile Organic compounds - VOCs = 96.53 g/l

Where applicable, refer to the following regulatory provisions :

Directive 2012/18/EU (Seveso III)

Regulation (EC) nr 648/2004 (detergents).

Dir. 2004/42/EC (VOC directive)

Provisions related to directive EU 2012/18 (Seveso III):

Seveso III category according to Annex 1, part 1

Product belongs to category: E2

#### 15.2. Chemical safety assessment

No Chemical Safety Assessment has been carried out for the mixture.

Substances for which a Chemical Safety Assessment has been carried out:

None

## SECTION 16: Other information

Text of phrases referred to under heading 3:

H302 Harmful if swallowed.

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H317 May cause an allergic skin reaction.

H400 Very 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.

H226 Flammable liquid and vapour.

H304 May be fatal if swallowed and enters airways.

Hazard class and hazard category	Code	Description
Flam. Liq. 3	2.6/3	Flammable liquid, Category 3
Flam. Sol. 2	2.7/2	Flammable solid, Category 2
Acute Tox. 4	3.1/4/Oral	Acute toxicity (oral), Category 4
Asp. Tox. 1	3.10/1	Aspiration hazard, Category 1
Skin Irrit. 2	3.2/2	Skin irritation, Category 2
Eye Irrit. 2	3.3/2	Eye irritation, Category 2
Skin Sens. 1	3.4.2/1	Skin Sensitisation, Category 1

## Safety Data Sheet

### Deo Minimal Balsamic



Skin Sens. 1B	3.4.2/1B	Skin Sensitisation, Category 1B
Aquatic Acute 1	4.1/A1	Acute aquatic hazard, category 1
Aquatic Chronic 1	4.1/C1	Chronic (long term) aquatic hazard, category 1
Aquatic Chronic 2	4.1/C2	Chronic (long term) aquatic hazard, category 2
Aquatic Chronic 3	4.1/C3	Chronic (long term) aquatic hazard, category 3

This safety data sheet has been completely updated in compliance to Regulation 2020/878. Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:

Classification according to Regulation (EC) Nr. 1272/2008	Classification procedure
Flam. Sol. 2, H228	On basis of test data
Skin Irrit. 2, H315	Calculation method
Eye Irrit. 2, H319	Calculation method
Skin Sens. 1B, H317	Calculation method
Aquatic Chronic 2, H411	Calculation method

This document was prepared by a competent person who has received appropriate training.

Main bibliographic sources:

ECDIN - Environmental Chemicals Data and Information Network - Joint Research Centre, Commission of the European Communities

SAX's DANGEROUS PROPERTIES OF INDUSTRIAL MATERIALS - Eight Edition - Van Nostrand Reinold

The information contained herein is based on our state of knowledge at the above-specified date. It refers solely to the product indicated and constitutes no guarantee of particular quality.

It is the duty of the user to ensure that this information is appropriate and complete with respect to the specific use intended.

This MSDS cancels and replaces any preceding release.

ADR:	European Agreement concerning the International Carriage of Dangerous Goods by Road.
ATE:	Acute Toxicity Estimate
ATEmix:	Acute toxicity Estimate (Mixtures)
CAS:	Chemical Abstracts Service (division of the American Chemical Society).
CLP:	Classification, Labeling, Packaging.
DNEL:	Derived No Effect Level.
EINECS:	European Inventory of Existing Commercial Chemical Substances.
GefStoffVO:	Ordinance on Hazardous Substances, Germany.
GHS:	Globally Harmonized System of Classification and Labeling of Chemicals.
IATA:	International Air Transport Association.
IATA-DGR:	Dangerous Goods Regulation by the "International Air Transport Association" (IATA).
ICAO:	International Civil Aviation Organization.
ICAO-TI:	Technical Instructions by the "International Civil Aviation Organization"

## Safety Data Sheet

### Deo Minimal Balsamic



	(ICAO).
IMDG:	International Maritime Code for Dangerous Goods.
INCI:	International Nomenclature of Cosmetic Ingredients.
KSt:	Explosion coefficient.
LC50:	Lethal concentration, for 50 percent of test population.
LD50:	Lethal dose, for 50 percent of test population.
NA:	Not applicable
PNEC:	Predicted No Effect Concentration.
RID:	Regulation Concerning the International Transport of Dangerous Goods by Rail.
STEL:	Short Term Exposure limit.
STOT:	Specific Target Organ Toxicity.
TLV:	Threshold Limiting Value.
TWA:	Time-weighted average
WGK:	German Water Hazard Class.