



**Material safety data sheet**  
According to EU Regulation 1907/2006 in the current version  
**Tonka Absolute**

### 1. Identification of the substance/mixture and company

Trade name:	Tonka Absolute Extraction with organic solvents of the Tonka beans, and then washing with ethyl alcohol to obtain the absolute, 100% pure and natural
INCI	Dipterix odorata bean extract
CAS No. :	8024-04-2 / 90028-06-1
EINESCS No. :	289-793-4
REACH pre-registration No. :	-
Utilization:	Raw material for cosmetic or professional use
Supplier company identification:	<b>Elemental SRL</b> , Piața Cazărmii no.15, 410188-Oradea, jud.Bihor, Romania Tel/Fax: +40259-436.755, www.elemental.eu
Emergency:	RO: număr național pentru cazuri de urgență: 021 3183606 Institutul de Sănătate Publică București. International emergency number: +49 180 2273-112

### 2. Hazards Identification

#### 2.1 Classification of the substance or mixture

##### GHS Classification : (Regulation CLP)

ATO4 Acute toxicity oral 4  
SS1 Sensitisation skin 1  
H302 - Harmful if swallowed.  
H317 - May cause an allergic skin reaction.

#### 2.2 Label elements

##### GHS Classification : (Regulation CLP)

Warning mention : Warning

ATO4 Acute toxicity oral 4

SS1 Sensitisation skin 1

H302 - Harmful if swallowed.  
H317 - May cause an allergic skin reaction.

P272 - Contaminated work clothing should not be allowed out of the workplace.  
P280 - Wear protective gloves/protective clothing/eye protection/face protection.  
P301+P312 - IF SWALLOWED: Call a POISON CENTER/doctor/.../if you feel unwell.  
P302+P352 - IF ON SKIN: Wash with plenty of water/...  
P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.  
P501 - Dispose of contents/ container in accordance with local/ regional/ national/ international regulation.



#### 2.2 Other hazards

Contains: **Coumarin**

### 3. Declaration of ingredients

Product not concerned by the component list.



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### 3.1. Substances

Material	C.A.S	EINECS	Risk Symbol	%
Coumarin	91-64-5	202-086-7	ATO4, FL3, SS1B - H226, H302, H317	75.00

### 3.2. Mixtures

Not concerned

## 4. First aid measures

### 4.1 Description of first aid measures

**Contact with skin :** Wash immediately and abundantly with water and soap. Rinse then with clear water.

**Contact with eyes :** Abundant rinsing with water (15 minutes open eyelids) then washing with an ocular lotion standard Dacryoserum. In case of disorder, consult an ophthalmologist.

**In the event of swallowing :** Do not induce vomiting, maintain the patient at rest. Resort to the medical care.

**In the event of excessive inhalation :** Move the victim to fresh air. Get medical advice immediately.

**Soiled clothing :** Withdraw soiled clothing and re-use them only after decontamination.

## 5. Fire fighting measures

### 5.1. Extinguishing media

Recommended : foam, dry powder, carbon dioxide (CO<sub>2</sub>)

Inadvisable : avoid full water jet

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

**Flammability :** The product is not flammable.

**Prevention:** Do not smoke. Do not use flame near.

### 5.3. Advice for firefighters

Never use a direct stream of water.

## 6. Accidental release measures

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

Use appropriate personal protective equipment during clean-up.

### 6.2. Environmental precautions

Do not allow to enter sewers/ surface or ground water.

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

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).



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**6.4. Reference to other sections**

Not concerned

**7. Handling and storage**

**7.1. Precautions for safe handling**

Close packing after use. Reproduce labeling if transferred in another container.

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

- Avoid any useless exposure. Keep away from food and drinks.
- Preserve only in the container of origin in a clean and dry place. Keep the containers closed when not in use.
- Do not leave it near heat source, direct rays of the sun.

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

Wash hands and any other area exposed with soap and water before eating, drinking, smoking and before leaving work.

**8. Exposure controls / personal protection**

**8.1. Control parameters**

Not concerned

**8.2. Exposure controls**

**General protective and hygienic measures:** Avoid skin and eyes contact. Keep away from foodstuffs, beverages and feed. Wash hands before breaks and at the end of work.

**Personal Protection :**

- Hand protection: Wear gloves.
- Eye protection: Wear glasses.
- Respiratory protection : Wear a mask.
- Ingestion : Do not use, drink and smoke during use.

**9. Physical and chemical properties**

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

Texture : Solid  
Color : [Brown ; Dark Brown]  
Odor : Characteristic, sweet

**9.2. Other information**

Flash point (°C) : +100

**10. Stability and reactivity**

**10.1. Reactivity**

Not concerned



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**10.2. Chemical stability**

Not concerned

**10.3. Possibility of hazardous reactions**

Not concerned

**10.4. Conditions to avoid**

Not concerned

**10.5. Incompatible materials**

Not concerned

**10.6. Hazardous decomposition products**

**Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.

**Dangerous decomposition products:** No dangerous decomposition products known.

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**11. Toxicological information**

**11.1. Information on toxicological**

**Toxicological Information Acute:**

• **Oral**

666,67 determined

• **Inhalation**

Not determined

• **Skin**

0,00 determined

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**12. Ecological information**

**12.1. Toxicity**

Do not leave the product, even diluted or in great quantity, penetrate the ground water, water or the drains.

**12.2. Persistence and degradability**

NOT CONCERNED

**12.3. Bioaccumulative potential**

NOT CONCERNED

**12.4. Mobility in soil**

NOT CONCERNED

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

NOT CONCERNED

**12.6. Other adverse effects**

NOT CONCERNED



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**13. Disposal considerations**

**13.1. Waste treatment methods**

**Product** : Recommendation : Does not have to be disposed of with waste. Do not let penetrate the sewers.

**Unclean packaging** : Recommendation : Evacuation in accordance with regulations.

**14. Transport information**

ADR / RID	IMDG	IATA
NOT REGULATED	NOT REGULATED	NOT REGULATED

**14.1. UN number**

ADR : NOT REGULATED

IMDG: NOT REGULATED

IATA :NOT REGULATED

**14.2. UN proper shipping name**

ADR : NOT REGULATED

IMDG: NOT REGULATED

IATA :NOT REGULATED

**14.3. Transport hazard class(es)**

ADR : NOT REGULATED

IMDG: NOT REGULATED

IATA :NOT REGULATED

**14.4. Packing group**

ADR : NOT REGULATED

IMDG: NOT REGULATED

IATA :NOT REGULATED

**14.5. Environmental hazards**

IMDG : Not concerned

Marine pollutant(s) : **Not concerned**

**14.6. Special precautions for user**

Not concerned

**14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**

Not concerned

**15. Regulatory information**

**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**



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Not concerned

**15.2. Chemical safety assessment**

Not concerned

**16. Additional information**

**16.1. Full H sentences text in point 3 :**

H226 Flammable liquid and vapor.

H302 Harmful if swallowed.

H317 May cause an allergic skin reaction.

Material security data sheet according to 2001/58/CEE.

**16.2. Abbreviations:**

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road.

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.

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" (ICAO).

IMDG: International Maritime Code for Dangerous Goods.

INCI: International Nomenclature of Cosmetic Ingredients.

LTE: Long-term exposure.

PNEC: Predicted No Effect Concentration.

RID: Regulation Concerning the International Transport of Dangerous Goods by Rail.

STE: Short-term exposure.

STEL: Short Term Exposure limit.

STOT: Specific Target Organ Toxicity.

**DECLARATION OF ALLERGENS**

7th Amendment to Directive 76/768/EC, annex III, part I (2003/15/EC)

Compounds	C.A.S	% Natural	% Synthetic	% Total
3 and 4-(4-Hydroxy-4-methylpentyl)-3-cyclohexene-1-carboxaldehyde	31906-04-4	-	-	-
alpha-Amylcinnamyl alcohol	101-85-9	-	-	-
alpha-Amylcinnamaldehyde	122-40-7	-	-	-
alpha-Hexylcinnamaldehyde	101-86-0	-	-	-



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alpha-iso-Methylionone	127-51-5	-	-	-
Anisyl alcohol	105-13-5	-	-	-
Benzyl alcohol	100-51-6	0,0200	-	0,0200
Benzyl benzoate	120-51-4	-	-	-
Benzyl cinnamate	103-41-3	-	-	-
Benzyl salicylate	118-58-1	-	-	-
Cinnamaldehyde	104-55-2	-	-	-
Cinnamyl alcohol	104-54-1	-	-	-
Citral	5392-40-5	-	-	-
Coumarin	91-64-5	75,0000	-	75,0000
dl-Citronellol	106-22-9	-	-	-
d-Limonene	5989-27-5	0,0100	-	0,0100
Eugenol	97-53-0	0,0100	-	0,0100
Farnesol	4602-84-0	-	-	-
Geraniol	106-24-1	-	-	-
Hydroxycitronellal	107-75-5	-	-	-
Isoeugenol	97-54-1	-	-	-
Linalool	78-70-6	1,0000	-	1,0000
Methyl 2-octynoate	111-12-6	-	-	-
Oakmoss absolute	9000-50-4, 689	-	-	-
p-t-Butyl-alpha-methylhydrocinnamic aldehyde	80-54-6	-	-	-
Treemoss (E. furfurac.)	68648-41-9, 68	-	-	-
<b>Total :</b>		76,0400	-	76,0400

**Disclaimer:**

This material safety data sheet does not constitute a guarantee of the properties of the product and is not a contractual legal report. The information is given in good faith on the basis of our best knowledge of the product at the indicated time. However, we cannot accept responsibility or liability for any consequences arising from its use, no warranty for correctness and completeness is given. We caution the users against the incurred possible risks when the product is used at other ends than the use for which it was initially planned. It is the user's responsibility during handling, storage and product use to consult the main regulatory texts in force regarding workers and environment protection.