SAFETY DATA SHEET (SDS)

Prepared in accordance with the Globally Harmonized System (GHS) and Regulation (EC) No. 1907/2006 (REACH, as amended)

SECTION 1 – IDENTIFICATION

Product Name: Tonka Beans Resinoid
Botanical Name: *Dipteryx odorata* (Aubl.) Willd.
INCI Name: Dipteryx Odorata Bean Extract
CAS Number: 8046-22-8
EC Number: 289-793-4
Product Type: Natural Resinoid
Plant Part: Dried Beans (Seeds)
Extraction Method: Solvent Extraction
Origin: Brazil
Grade: Premium Perfumery Grade
Recommended Use: Professional perfumery, cosmetic and fragrance raw material.

Supplier

Aromology Trading LLC
G05 Al Ghazal Building
Nadd Al Hamar
Dubai, United Arab Emirates

Website: www.aromology.com
Email: info@aromology.com
Telephone: +971 505197601

SECTION 2 – HAZARD IDENTIFICATION

GHS Classification

- Acute Toxicity (Oral) – Category 4
- Skin Sensitisation – Category 1B

Signal Word

Warning

Hazard Statements

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

Precautionary Statements

- P261 Avoid breathing vapours or mists.
- P264 Wash 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.
- P280 Wear protective gloves and eye protection.
- P301+P312 IF SWALLOWED: Call a POISON CENTRE or physician if you feel unwell.
- P302+P352 IF ON SKIN: Wash thoroughly with soap and water.
- P333+P313 If skin irritation or rash occurs: Get medical advice.
- P501 Dispose of contents/container in accordance with local regulations.

SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS

Component	Information
Product	Tonka Beans Resinoid – Brazil
Botanical Name	*Dipteryx odorata* (Aubl.) Willd.
INCI Name	Dipteryx Odorata Bean Extract
CAS Number	8046-22-8
EC Number	289-793-4
Purity	100% Natural Resinoid

Typical Naturally Occurring Constituents

- Coumarin
- Fatty acids
- Benzoic acid derivatives
- Vanillin (trace)
- Cinnamic acid derivatives
- Aromatic resins

SECTION 4 – FIRST AID MEASURES

Inhalation: Move exposed person to fresh air. Obtain medical attention if symptoms persist.

Skin Contact: Remove contaminated clothing and wash skin thoroughly with soap and water.

Eye Contact: Rinse cautiously with water for at least 15 minutes. Seek medical attention if irritation persists.

Ingestion: Rinse mouth. Do not induce vomiting unless directed by medical personnel. Seek immediate medical advice.

SECTION 5 – FIRE FIGHTING MEASURES

Suitable Extinguishing Media

- Carbon dioxide
- Dry chemical powder
- Alcohol-resistant foam
- Water mist

Hazardous Combustion Products

Carbon monoxide, carbon dioxide and irritating organic fumes.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Wear suitable personal protective equipment.

Prevent release into drains and waterways.

Absorb using inert material such as sand or vermiculite.

Transfer into suitable waste containers.

SECTION 7 – HANDLING AND STORAGE

Handle in well-ventilated areas.

Avoid prolonged skin contact.

Store tightly closed away from direct sunlight, excessive heat and oxidising agents.

Recommended Storage Temperature: Below 25°C

SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

- Chemical safety goggles
- Nitrile gloves
- Protective clothing
- Local exhaust ventilation

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Property	Specification
Appearance	Brown semi-crystallised viscous mass
Colour	Brown to Dark Brown
Odour	Warm, sweet, coumarinic, tobacco, hay, honey, vanilla
Relative Density (20°C)	1.000–1.080
Refractive Index (20°C)	1.500–1.560
Flash Point	>100°C
Solubility	Soluble in ethanol (10% w/w in 96% ethanol)
Solubility in Water	Insoluble

SECTION 10 – STABILITY AND REACTIVITY

Stable under recommended storage conditions.

Avoid:

- Strong oxidising agents
- Excessive heat
- Open flames

Hazardous decomposition products include carbon monoxide and carbon dioxide.

SECTION 11 – TOXICOLOGICAL INFORMATION

Harmful if swallowed.

May cause allergic skin reactions.

Contains naturally occurring coumarin, which contributes significantly to the characteristic odour profile.

SECTION 12 – ECOLOGICAL INFORMATION

Avoid uncontrolled release into the environment.

Prevent contamination of waterways and soil.

SECTION 13 – DISPOSAL CONSIDERATIONS

Dispose of contents and containers through an authorised waste contractor in accordance with local regulations.

SECTION 14 – TRANSPORT INFORMATION

Regulation	Status
UN Number	Not Regulated
ADR/RID	Not Regulated
IMDG	Not Regulated
IATA	Not Regulated

SECTION 15 – REGULATORY INFORMATION

Prepared in accordance with:

- GHS Revision 9
- OSHA Hazard Communication Standard (29 CFR 1910.1200)
- Regulation (EC) No. 1907/2006 (REACH)
- Regulation (EU) 2020/878

SECTION 16 – OTHER INFORMATION

Tonka Beans Resinoid is produced by solvent extraction of the dried beans of *Dipteryx odorata*. It possesses a rich gourmand profile characterised by warm coumarin, tobacco, hay, vanilla, almond and honey nuances, making it a classic ingredient in fougère, amber, oriental, tobacco and gourmand fragrance compositions. The resinoid naturally contains significant levels of coumarin and should be handled in accordance with standard industrial hygiene practices.

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