SAFETY DATA SHEET (SDS)

Regulation (EC) No. 1907/2006, Annex II, as amended by Regulation (EU) 2020/878

Benzyl Isoeugenol

SECTION 1: IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND SUPPLIER

1.1 Product Identifier

Product Name: Benzyl Isoeugenol
CAS Number: 120-11-6
EC Number: 204-370-6
Product Code: 1SP00058

1.2 Relevant Identified Uses

Fragrances and perfume compounds.

1.3 Supplier Details

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: HAZARDS IDENTIFICATION

2.1 Classification

Hazard Class	Category	Hazard Statement
Skin Sensitisation	Category 1 (1A, 1B indicated in source)	H317
Carcinogenicity	Category 2	H351

2.2 GHS Label Elements

Signal Word: WARNING

Hazard Statements

H317: May cause an allergic skin reaction.
H351: Suspected of causing cancer.

Precautionary Statements

Code	Precaution
P203	Obtain, read and follow all safety instructions before use
P261	Avoid breathing dust, fumes, gas, mist, vapours or spray
P272	Contaminated work clothing should not be allowed out of the workplace
P280	Wear appropriate protective equipment
P302+P352	IF ON SKIN: Wash with plenty of water
P318	If exposed or concerned, get medical advice
P321	Specific treatment as directed on the label
P333+P317	If skin irritation or rash occurs, get medical help
P362+P364	Remove contaminated clothing and wash before reuse
P405	Store locked up

2.3 Other Hazards

The supplier reports that the material is not included in the REACH Article 59(1) list and does not meet the cited endocrine-disruptor or PBT/vPvB criteria.

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

3.1 Substance Identification

Parameter	Supplier Information
Substance Name	Benzyl Isoeugenol
CAS Number	120-11-6
EC Number	204-370-6
Molecular Weight	271.33 (as stated in SDS)
Molecular Formula	Not provided
Declared Concentration	≥90.0% to ≤100.0%
Hazard Classification	H317, H351

The molecular weight is reproduced as stated in the supplier SDS and has not been independently verified.

3.2 Mixtures

No separate mixture composition table is provided beyond the Benzyl Isoeugenol constituent.

SECTION 4: FIRST AID MEASURES

4.1 First Aid Procedures

General: Remove the affected person from danger. Show the SDS to medical personnel. Symptoms may be delayed. Do not leave the affected person unattended.
Inhalation: Move to fresh air. If unconscious, place in the recovery position and seek medical advice. Consult a physician if symptoms persist.
Skin Contact: Rinse thoroughly with water. Remove contaminated clothing. Seek medical attention if irritation persists.
Eye Contact: Immediately rinse with plenty of water. Remove contact lenses and keep eyelids open while rinsing. Consult a specialist if irritation persists.
Ingestion: Keep the respiratory tract clear. Do not induce vomiting. Do not administer milk or alcoholic beverages. Never give anything orally to an unconscious person. Take the affected person immediately to hospital.

4.2 Most Important Symptoms and Effects
No specific data available.

4.3 Immediate Medical Attention
No specific treatment information provided.

SECTION 5: FIRE-FIGHTING MEASURES

5.1 Suitable Extinguishing Media

Dry chemical powder, alcohol-resistant foam, carbon dioxide and water spray.
Unsuitable Extinguishing Media: High-volume water jet.

5.2 Special Hazards
Prevent contaminated firefighting water from entering drains or watercourses.

5.3 Advice for Firefighters
Use self-contained breathing apparatus when necessary.
Collect contaminated extinguishing water separately and dispose of it according to local regulations.
Use water spray to cool closed containers.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal Precautions

Wear appropriate personal protective equipment and ensure adequate ventilation.

6.2 Environmental Precautions

Prevent the product from entering drains and waterways. Stop further leakage where safe. Notify the relevant authorities if contamination occurs.

6.3 Containment and Cleaning

Absorb spills using non-combustible materials such as sand, earth, diatomaceous earth or vermiculite.
Transfer collected material to suitable closed containers for disposal.

6.4 Reference to Other Sections

Not applicable, according to the supplier.

SECTION 7: HANDLING AND STORAGE

7.1 Safe Handling

Avoid aerosol formation and inhalation of vapours or dust.
Avoid contact with skin and eyes.
Obtain appropriate instructions before use.
Ensure adequate ventilation.
Do not eat, drink or smoke in handling areas.
Keep away from open flames, hot surfaces and ignition sources.

7.2 Safe Storage

Store in tightly closed containers in a dry, well-ventilated place.
Carefully reseal opened containers and keep upright to prevent leakage.
Observe all label precautions.

7.3 Specific End Uses

Not applicable, according to the supplier.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control Parameters

The supplier reports no substances with occupational exposure limit values.

8.2 Personal Protective Equipment

Protection	Supplier Recommendation
Hand Protection	Suitable protective gloves; confirm compatibility with glove manufacturer
Eye Protection	Tightly fitting safety goggles

Additional Eye Protection	Face shield when necessary
Body Protection	Impervious protective clothing
Hygiene	Wash hands before breaks and after work
Workplace Measures	Do not eat, drink or smoke during handling

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Property	Supplier Information
Physical Appearance	White to pale yellow-brown crystals
Flash Point	93 °C
CAS Number	120-11-6
Odour	Not specified in SDS; supplier COA describes spice and floral odour
Water Solubility	Not specified in SDS; supplier COA states insoluble
Oil and Ethanol Solubility	Supplier COA states soluble
Boiling Point	Not provided
Melting Point	Not provided
Density	Not provided
Refractive Index	Not provided
Vapour Pressure	Not provided
pH	Not provided

The supplier's Section 9 is limited to flash point, appearance and CAS identification. Additional odour and solubility information above is expressly attributed to the separate supplier COA.

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity: None reported.

10.2 Chemical Stability: Chemically stable.

10.3 Hazardous Reactions: No decomposition under recommended conditions. Vapours may form explosive mixtures with air.

10.4 Conditions to Avoid: Heat, flames and sparks.

10.5 Incompatible Materials: No data available.

10.6 Hazardous Decomposition Products: No data available.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on Toxicological Effects

Toxicological Endpoint	Supplier Information
Acute Toxicity Estimate	5,000 mg/kg
Acute Inhalation Toxicity	Not determined
Acute Dermal Toxicity Estimate	Greater than 5,000 mg/kg
Skin Irritation	May cause skin irritation and/or dermatitis
Eye Irritation	May cause irreversible eye damage
Skin Sensitisation	H317 – May cause an allergic skin reaction
Germ Cell Mutagenicity	No product-specific data available
Carcinogenicity	H351 – Suspected of causing cancer
Reproductive Toxicity	No product-specific data available
STOT – Single Exposure	No product-specific data available
STOT – Repeated Exposure	No product-specific data available
Aspiration Hazard	Supplier identifies an aspiration toxicity hazard
Phototoxicity	No product-specific data available

Additional Information: The supplier notes that solvents may degrease the skin.

The source's Section 11 contains certain hazard descriptions that are not included in its Section 2 formal GHS classification. Both have been retained without treating the additional descriptions as confirmed classification categories.

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity

Environmental Endpoint	Supplier Information
Fish Toxicity	No data available
Daphnia / Aquatic Invertebrates	No data available
Algae Toxicity	No data available
Bacterial Toxicity	No data available
Chronic Aquatic Toxicity	No data available
Soil Toxicity	No data available
Sewage Treatment Impact	No data available

12.2 Persistence and Degradability: No biodegradability data available.

12.3 Bioaccumulative Potential: No data available.

12.4 Mobility in Soil: No data available.

12.5 PBT and vPvB Assessment: No data available in Section 12. Section 2 separately states that the substance does not meet the PBT/vPvB criteria.

12.6 Other Adverse Effects: The supplier warns that environmental hazards cannot be excluded following improper handling or disposal and states that the product is toxic to aquatic life with long-lasting effects.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste Treatment Methods

Do not discharge into drains, watercourses or soil.

Do not contaminate ponds, waterways or drainage systems with the material or contaminated containers.
Dispose of unused product through a licensed waste management company.
Empty contaminated packaging completely and dispose of it as unused product.
Do not reuse empty containers.
Do not burn or use cutting equipment on empty drums.
All disposal must comply with applicable local regulations.

SECTION 14: TRANSPORT INFORMATION

Transport Parameter	ADR/RID/ADN	IATA/ICAO	IMDG
UN Number	Not regulated	Not regulated	Not regulated
Proper Shipping Name	Not regulated	Not regulated	Not regulated
Transport Hazard Class	Not regulated	Not regulated	Not regulated
Packing Group	Not regulated	Not regulated	Not regulated
Environmental Hazard	Not regulated	Not regulated	Not regulated
Transport Labels	Not regulated	Not regulated	Not regulated

Marine Pollutant: Not regulated.
IMDG EmS Fire: Not regulated.
IMDG EmS Spillage: Not regulated.
Special Transport Precautions: No additional information supplied.

These transport classifications are reproduced from the original SDS.

SECTION 15: REGULATORY INFORMATION

15.1 Safety, Health and Environmental Regulations

The supplier provides no additional relevant regulatory information in Section 15.

15.2 Global Chemical Inventories

The supplier reports the product as listed in the following chemical inventories:

Australia – AIIC
Canada – DSL
China – IECSC
European Union – EINECS
Japan – CSCL
South Korea – ECL and AREC
New Zealand – NZIoC
Philippines – PICCS
Taiwan – TCSI
Thailand – TECI
United States – TSCA
Vietnam – VNECI

These inventory statements are based on the supplier's SDS and have not been independently verified.

SECTION 16: OTHER INFORMATION

Relevant Hazard Statements

Code	Full Description
H317	May cause an allergic skin reaction
H351	Suspected of causing cancer

DISCLAIMER

The original supplier's hazard classifications, composition information, safety precautions, toxicological statements, ecological information and transport classifications have been retained.

AROMOLOGY has not independently verified the technical information or conducted additional toxicological or analytical testing.

This document is intended to support safe industrial handling and does not replace an assessment of the finished product.

Authorised by:
Fozia Khot
Director


AROMOLOGY