


1. Identification of the substances / mixture and of the company/undertaking.		
1.1 Product identifier:		
Substance name: Star Anise Oil China		
Biological Definition		
INCI Name	ILLICIUM VERUM FRUIT/SEED OIL	
Synonyms & Trade Names		
EC NO: 283-518-1	CAS NO: 8007-70-3	EINECS CAS Number: 84650-59-9
Index No:	Reach Registration No:	
1.2 Relevant identified uses of the substance or mixture and uses advised against		
Identified uses: Multiple uses in the flavour and fragrance industries.		
Uses advised against:		
1.3 Details of the supplier of the safety data sheet		
Company	Penny Price Aromatherapy Ltd	
	Unit D3 Radius Court	
	Maple Drive	
	Hinckley	
	Leicestershire LE10 3BE	
Email	info@penny-price.com	
1.4 Emergency Telephone Number	00 44 (0) 1455 251020 opening hours Mon – Thurs 9am – 5pm, Fri 9am – 2pm. <u>Or call NHS 111 or NHS 999</u>	

2. Hazards Identification			
2.1 Classification of the substance or mixture			
Classified according to Regulation (EC) 1272/2008 (CLP) as amended	Physical and Chemical Hazards		
	Human Health		
	Environment		
2.2 Label Element Labelling according to Regulation (EC) No.1272/2008:			
			
Signal Word. WARNING			
Hazard statements.			
H303	May be harmful if swallowed.	H316	Causes mild skin irritation.
H317	May cause an allergic skin reaction.	H341	Suspected of causing genetic defects.
H351	Suspected of causing cancer.	H401	Toxic to aquatic life.
Precautionary statements.			
P262	Do not get in eyes, on skin or on clothing.		

P280	Wear protective gloves / protective clothing / eye protection / face protection.
P281	Use personal protective equipment as required.

Supplementary Precautionary Statements:

2.3 Other hazards – Results of PBT and vPvB According to Annex XIII	
Adverse Physio-chemical Properties	
Adverse Effects on Human Health	

3. 1 Composition / information on ingredients:

Substance name	Index number under CLP Annex VI	Weight % content (or range)	CL, M-Factor, ATE
Aniseed Oil China Star 100%			

4. First Aid Measures

4.1 General	Immediately remove any clothing soiled by the product.
Inhalation	Remove person to fresh air and keep comfortable for breathing. Obtain medical attention if required.
Eye contact	Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing. If irritation persists seek medical advice / attention.
Skin contact	Take off all contaminated clothing. Rinse skin with water/shower. If irritation persists seek medical attention.
Ingestion	Rinse mouth out with water. Do NOT induce vomiting. Immediately call POISON CENTER or GP. Do not give milk or fatty oils.
4.2 Most important symptoms and effects, both acute and delayed:	No further relevant information available.
4.3 Indication of any immediate medical attention and special treatment need	Symptomatic treatment as required.

5. Firefighting Measures	
5.1 Extinguishing Media:	
Suitable extinguishing media:	Foam, CO ₂ , Dry Powder.
Unsuitable extinguishing media:	
5.2 Special hazards arising from the substances or mixture:	
Hazardous combustion products:	Combustion Products: Carbon monoxide, Carbon dioxide, Smoke.
5.3 Advice for firefighters	Do not use water as extinguishing media. No special firefighting equipment needed.

6 Accidental release measures	
6.1 Personal precautions, protective equipment, and emergency procedures	
6.1.1 For non-emergency personnel	
Protective equipment:	Wear clothing suitable for an emergency.
Emergency procedures:	
6.1.2 For Emergency responders	
6.2 Environmental precautions	
	Contain the leak with earth or sand. Prevent from entering drains, sewers, and water courses. If this cannot be done, advise the local authority.
6.3 Methods for cleaning up – 6.3.1 For containment:	Absorb spillage onto sand or earth. Transfer to a suitable container for disposal.
6.3.2 For cleaning up:	
6.3.3. Other information:	
6.4 Reference to other sections	

7. Handling and storage	
7.1 Precautions for safe handling	
Protective measures: Prevent formation of aerosols. Handle in a well-ventilated area, away from sources of ignition. DO NOT SMOKE. Apply good manufacturing practice and industrial hygiene practices, ensuring proper workplace ventilation. Observe good personal hygiene, and do not eat, drink or smoke whilst handling.	
Measures to prevent fire:	
Measures to prevent aerosol and dust generation:	

Measures to protect the environment:	
Advice on general occupational hygiene:	
7.2 Conditions for safe storage, including any incompatibilities	
Technical measures and storage conditions:	
Packaging Materials:	
Requirements for storage and vessels:	Store in well-fitted, tightly closed original containers away from heat, light, and sources of ignition.
Storage Class: Further information on storage containers:	
7.3 Specific end use(s).	Used in Flavours and Fragrances.
Recommendations:	
Industrial sector specific solutions:	

8. Exposure controls/Personal protection:	
8.1 Control parameters	No information available.
8.2 Exposure controls	
Engineering Measures	Use suitable handling equipment.
8.2.2 Personal Protection equipment	
8.2.2.1 Eye / face protection	Wear safety goggles/
8.2.2.2 Skin Protection	
Hand protection	Wear gloves.
Other skin protection	Wear suitable protective clothing.
8.2.2.3 Respiratory protection	Use only in well-ventilated areas. Use protection in poor ventilation.
Ventilation	
8.2.2.4 Thermal hazards	
8.2.3 Environmental exposure controls	

9. Physical and chemical properties- C of A	
9.1 Information on basic physical and chemical properties	
Colour	Clear
Appearance	Mobile liquid.
Odour	Characteristic of Aniseed.
Odour Threshold	No data available.
Melting Point / freezing point °C	Not applicable
Boiling point /Initial boiling point & boiling range °C	Not applicable
Flammability	Combustible
Lower and upper explosion limit	No data available.
Flash point (Closed Cup)	>93°C
Evaporation Rate	No data available
Auto- ignition temperature	No data available
Decomposition temperature	No data available.
pH	Not applicable
Viscosity	No data available
Solubility in Water	Insoluble
Solubility in other Solvents	Soluble
Partition coefficient n-octanol/ water (log Kow)	No data available
Vapour Pressure	No data available
Vapour Density	No data available
Relative vapour density	
Particle characteristics	
Explosive Properties	No data available
Oxidising Properties	None
Particle Size	Not applicable.
9.2 Other information	
Specific gravity @ 20°C	0.979 to 0.985
Optical rotation @ 20°C	
Refractive index @ 20°C	
Typical analysis of major components	
10. Stability and reactivity	
10.1 Reactivity	Will react with oxidising agents.
10.2 Chemical Stability	Stable under proper storage conditions.
10.3 Possibility of hazardous reactions:	Not if stored correctly.
10.4 Conditions to avoid:	Do not leave containers open to the air. Avoid storage at elevated temperatures and sources of ignition.
10.5 Incompatible Materials:	Oxidising agents.
10.6 Hazardous Decomposition Products	On combustion may produce smoke, carbon monoxide and carbon dioxide.
11. Toxicological information	

11.1 Information on hazard classes as defined in Regulation (EC) No 1272 /2008	
Information on Toxicological Effects	This product has not been tested. Judgements on the expected toxicity of this product have been made based upon consideration of its major components.
Acute toxicity:	LD ₅₀ 2570 mg/kg (Rat). Dermal 5000mg/kg (Rabbit)
Skin corrosion /irritation:	Causes skin irritation.
Seriously eye damage/irritation:	May cause serious eye damage.
Respiratory or skin sensitisation:	May cause an allergic skin reaction.
Germ cell mutagenicity:	No data available.
Carcinogenicity:	Limited evidence of a carcinogenic effect.
Reproductive toxicity:	No data available.
Summary of evaluation of the CMR properties:	
STOT- single exposure,	No data available.
STOT-repeated exposure:	No data available.
Aspiration hazard:	No data available.

12. Ecological information	
12.1 Toxicity	No data available.
12.2 Persistency & degradability	No data available.
12.3 Bio accumulative potential	No data available.
12.4 Mobility in soil	No data available.
12.5 Results of PBT and vPvB Assessment	No data available.
12.6 Endocrine disrupting properties	
12.7 Other adverse effects	No data available.

13. Disposal considerations	
13.1 Waste treatment methods	Do not dispose into drainage systems. Ensure disposal is within local and national guidelines. Consult a specialist waste disposal company for correct disposal procedure and/or seek other expert advice.
13.1.1. Product /Packaging disposal:	
13.1.2 Waste treatment-relevant information:	

13.1.3 Sewage disposal-relevant information:	
13.1.4 Other disposal-relevant recommendations:	Dispose of contents / container in accordance with local / regional / national / international regulations.



14. Transport information

14.1 UN Number or ID number ADR, IMDG, ICAO	No Class
14.2 UN proper Shipping name ADR	Aniseed Oil
14.3 Transport hazard class(es) ADR	No Class
14.4 Packing group ADR	No Class
14.5 Environmental hazards	
14.6 Special precautions for user	
14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	

15 Regulatory information

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

This substance is listed as existing in Europe.

15.2 Chemical Safety Assessment	A chemical safety assessment has not been carried out for this product.
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16. Other information

(i) **Indication of Changes: Revised Safety Data Sheet Format:** From March 2019. – Section 2 and 3 have changed places, additional points added under each section in line with Regulation EC) No 1272/2008 Version 4.2 March 2021’.

(ii) **Abbreviations and acronyms:**

DNEL: Derived No-Effect Level.

PNEC: Predicted No- Effect Concentration.

ADR: European agreement concerning the international carriage of dangerous goods by road.

RID: Regulations concerning the International carriage of Dangerous goods by rail.

IATA-DGR: Dangerous Goods Regulations by the “International Air Transport Association” (IATA)

ICAO: International Civil Aviation Organisation

ICAO-TI: Technical Instructions by the ‘International Civil Aviation Organisation’ (ICAO)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

ICAO: International Maritime Dangerous Goods.

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

WGK: Water Hazard Class.

LC50: Lethal concentration, 50 percent
LD50: Lethal Dose, 50 percent
PBT: Persistent, Bio accumulative and Toxic
vPvB: Very Persistent and very Bio accumulative
Flam. Liq: Flammable Liquid
AT: Acute Toxicity – O = Oral / D = Dermal / I = Inhalation
Asp: Aspiration Hazard
Skin Corr/ Irrit: Skin Corrosion / Irritation
Skin Sens: Skin Sensation
Eye Dam/ Irrit: Eye damage / Irritation
Muta: Mutagenic
Carc: Carcinogenic
Resp: Respiration Sensitive
Repro: Reproductive Sensitive
EH A: Environmental Hazard Aquatic Acute
EH C: Environmental Hazard Aquatic Chronic

(iii) Key Literature references and sources of date.

(iv) Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 (CLP):

Classification according to Regulation (EC) 1272/2008(CLP)	Classification procedure
(v) Relevant H-statements (number and full text):	
(vi) Training advice:	
(vii) Further information:	Reference and Further Information: Food Cosmetics Toxicology 13 715 (1975)
Shelf life	Minimum 12 months when stored in the advised conditions.

QC requirements

In line with general product specification. Always satisfy suitability for specific application. Retest after 6 months.

Disclaimer:

The data provided in this material safety data sheet is meant to represent typical data/analysis for this product and is correct to the best of our knowledge. The data was obtained from current and reliable sources, but is date supplied without warranty, expressed, or implied, regarding its correctness or accuracy. It is the user's responsibility to determine safe conditions for the use of this product and to assume liability for loss, injury, damage, or expense arising from improper use of this product. The information provided does not constitute a



**Penny Price Aromatherapy/ Aroma Formulations
SAFETY DATA SHEET
According to Regulation (EC) No.1272/2008**

contract to supply to any specification or for any given application and buyers should seek to verify their requirements and product use.