



SAFETY DATA SHEET

TRADE NAME: STAR ANISE OIL

REVISION: 06.06.2016

This Safety Data Sheet contains information concerning the potential risks to those involved in handling, transporting and working with the material, as well as describing potential risks to the consumer and the environment. This information must be made available to those who may come into contact with the material or are responsible for the use of the material. This Safety Data Sheet is prepared in accordance with formatting described in the REACH Regulation (EC) No. 1907/2006, and described in CLP Regulation (EC) No. 1272/2008.

1 Identification of the Substance/Mixture and of the Company/Undertaking

1.1	Trade Name	STAR ANISE OIL
	EC Number	283-518-1
	EC Name	Star anise, Illicium verum, ext.
	CAS Number (EC Inventory)	84650-59-9
1.2	Relevant Identified Uses of the Substance or Mixture and Uses Advised Against	Multiple uses in the Flavour and Fragrance industries.
1.3	Details of the Supplier of the Safety Data Sheet	H REYNAUD & FILS (UK) Limited, Unit 1 Strand Court, Watt Close, East Portway Business Park, ANDOVER, Hampshire, SP10 3TG TEL: 01264 355504 FAX: 01264 369498 EMAIL: office@reynaud.co.uk
1.4	Further Information Obtainable from	H REYNAUD & FILS (UK) LTD
1.5	Emergency Telephone Number	01264 355504

2 Hazards Identification

2.1 Classification of the Substance:

Classification in Accordance with GHS Hazard Codes	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.

Classification in Accordance with the Classification Labelling and Packaging Regulation EC (No.) 1272/2008:

Hazard Statements:

H317	May cause an allergic skin reaction.
H341	Suspected of causing genetic defects.
H351	Suspected of causing cancer.

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.

2.2 Label Elements:

Signal Word	WARNING
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Hazard Pictograms:



3 Composition/Information on Ingredients

3.1	Substances	Aniseed Oil China Star 100%
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4 First Aid Measures

4.1 Description of First Aid Measures:

Eye Contact	Irrigate the eyes with copious volumes of water for at least 15 minutes with the eye lids held open. Seek medical advice if inflammation persists.	
Inhalation	Remove person to fresh air, remove any contaminated clothing, in case of breathing difficulty seek medical advice.	
Skin Contact	Wash affected area with soap and running water, if irritation persists seek medical advice.	
Ingestion	Dilute internally with water. Do not induce vomiting. Seek medical advice immediately.	
4.2	Most Important Symptoms and Effects, both Acute and Delayed	No further information available at this time.
4.3	Indication of Immediate Medical Attention and Special Treatment Needed	Symptomatic treatment as required.

5 Fire-fighting Measures

5.1	Extinguishing Media	Foam, CO ₂ , Dry Powder.
5.2	Special Hazards Arising from the Substance or Mixture	Combustion Products: Carbon monoxide, Carbon dioxide, Smoke.
5.3	Advice for Firefighters	Do not use water as extinguishing media. No special fire-fighting equipment needed.

6 Accidental Release Measures

6.1	Personal Precautions, Protective Equipment and Emergency Procedures	Wear clothing suitable for an emergency.
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 and Material for Containment and Cleaning Up	Absorb spillage onto sand or earth. Transfer to a suitable container for disposal.

7 Handling and Storage

7.1	Precautions for Safe Handling	Handle in a well ventilated area, away from sources of ignition. DO NOT SMOKE.
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7.2	Conditions for Safe Storage, Including any Incompatibilities	Store in well-fitted, tightly closed original containers away from heat, light and sources of ignition.
7.3	Specific End Use(s)	Used in Flavours and Fragrances.

8 Exposure Controls/Personal Protection

8.1	Control Parameters	No information available.
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8.2 Exposure Controls:

Engineering Measures	Use suitable handling equipment.
Respiratory Equipment	Use only in well ventilated areas. Use protection in poor ventilation.
Hand Protection	Wear gloves.
Eye Protection	Wear safety goggles.
Skin Protection	Wear suitable protective clothing.

9 Physical and Chemical Properties

9.1 Information on Basic Physical and Chemical Properties:

Appearance	Clear, mobile liquid.
Odour	Characteristic of Aniseed.
Odour Threshold	No data available.
pH	Not applicable.
Melting Point °C	Not applicable.
Boiling Point °C	Not applicable.
Flash Point (Closed Cup)	>93°C
Evaporation Rate	No data available.
Flammability	Combustible.
Upper/Lower Flammability Limits	No data available.
Vapour Pressure	No data available.
Vapour Density	No data available.
Specific Gravity at 20/20°C	0.979 to 0.985
Solubility in Water	Insoluble.
Solubility in Other Solvents	Soluble.
Partition Coefficient (log Kow)	No data available.
Auto-ignition Temperature	No data available.
Decomposition Temperature	No data available.
Viscosity	No data available.
Explosive Properties	No data available.
Oxidising Properties	None.

9.2 Other Information:

Particle Size	Not applicable.
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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.



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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 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.
	Serious 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.
	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	Persistence & Biodegradability	No data available.
12.3	Bioaccumulation 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	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.
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14 Transport Information

		ADR	IMDG	ICAO
14.1	UN Number	No Class		
14.2	UN Proper Shipping Name	Aniseed Oil		
14.3	Transport Hazard Class(es)	No Class		
14.4	Packing Group	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			



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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.

16 Other Information

16.1 List of Abbreviations used in this MSDS:

CAS	Chemical Abstracts Service.
CLP	Classification, Labelling and Packaging Regulation (EC) No. 1272/2008.
DSD	Dangerous Substances Directive 67/548/EEC.
DPD	Dangerous Preparations Directive 1999/45/EC.
EC	European Community/Commission.
PBT	Persistent, Bioaccumulative and Toxic.
REACH	Registration, Evaluation, Authorisation and Restriction of Chemical Regulation (EC) no 1907/2006.
vPvB	Very Persistent, very Bioaccumulative.

16.2 Reference and Further Information:

Reference	Food Cosmetics Toxicology 13 715 (1975).
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WARNING/DISCLAIMER:

The information in this Material Safety Data Sheet is based on the properties of the material known to H Reynaud at the time the data sheet was issued. The safety data sheet is intended to provide information for health and safety assessment of the material and the circumstances under which it is packaged, stored or applied in the workplace. This document is not intended for quality assurance purposes.