

# SAFETY DATA SHEET

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## 1. Identification of the substance and of the supplier

GHS product identifier  
Product name: STAR ANISE OIL  
Other means of identification  
CAS Number 84650-59-9; 68952-43-2  
EC Number 283-518-1  
FEMA Number 2096  
Recommended use of the chemical and restrictions on use  
Recommended use Concentrated aromatic and flavor ingredient which may be used in flavor and fragrance compounds according to legal and IFRA or FEMA GRAS/FDA guidelines.  
Restrictions on use For Manufacturing Use Only.  
Supplier's details  
Company name Asia Specialty Ingredients Joint Stock Company  
Address Chi Long Village, Ngoc Long Commune, Yen My District, Hung Yen Province, Vietnam  
Telephone +84 2213 580 989  
Website [www.asi-vn.com](http://www.asi-vn.com)  
Email [info@asi-vn.com](mailto:info@asi-vn.com)  
Emergency phone number +84 986 385 445

## 2. Hazards identification

GHS classification of the substance  
Physical hazards Flammable liquids Not classified  
Health hazards Skin sensitisation Category 1  
Germ cell mutagenicity Category 2  
Carcinogenicity Category 2  
Environmental hazards Hazardous to the aquatic environmental Category 2  
GHS label elements Pictogram





	Signal word	Warning
Hazard statements		
	H317	May cause an allergic skin reaction
	H341	Suspected of causing genetic defects
	H351	Suspected of causing cancer
	H411	Toxic to aquatic life with long lasting effects
Precautionary statements		
Prevention		
	P201	Obtain special instructions before use.
	P202	Do not handle until all safety precautions have been read and understood.
	P261	Avoid breathing fumes
	P272	Contaminated work clothing must not be allowed out of the workplace
	P280	Wear protective gloves/eye protection/face protection
Response		
	P308+P313	If exposed or concerned: Get medical advice/attention
	P302+P352	If on skin: Wash with plenty of soap and water.
	P333+P313	If skin irritation or rash occurs: Get medical advice/attention.
	P363	Wash contaminated clothing before reuse.
Storage		
	P405	Store locked up
Disposal		
	P501	Dispose of contents/container in accordance with local/regional/national/international regulations
Other hazards which do not result in classification		After prolonged contact with highly porous materials, this product may spontaneously combust

### 3. Composition/information on ingredients

#### Chemical identity

Chemical name	Star Anise oil
Common name, synonym, etc.	Anise star oil, Star Aniseed oil
Formula	No data available
Molecular weight	No data available

#### CAS number and other unique identifiers

CAS Number	84650-59-9; 68952-43-2
EC Number	283-518-1
FEMA Number	2096
Impurities and stabilizing additives which are themselves classified and which contribute to the classification of the substance	No data available

#### 4. First-aid measures

##### Description of necessary measures

Inhalation	Supply fresh air, consult doctor in case of complaints.
Skin contact	Immediately wash with water and soap and rinse thoroughly. If skin irritation or rash occurs: Get medical advice/attention.
Eye contact	Remove contact lenses, if present and easy to do. Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
Ingestion	Rinse out mouth and then drink plenty of water. Do not induce vomiting; immediately call for medical help.
Most important symptoms/effects	Allergic reactions Gastric or intestinal disorders when ingested. Slight irritant effect on skin and mucous membranes. Slight irritant effect on eyes
Indication of immediate medical attention and special treatment needed, if necessary	Contains Star anise oil. May produce an allergic reaction. Treat skin and mucous membrane with antihistamine and corticoid preparations.

#### 5. Fire-fighting measures

##### Suitable and unsuitable extinguishing media

Suitable extinguishing media	Foam Fire-extinguishing powder Carbon dioxide Gaseous extinguishing agents, water fog/haze.
Unsuitable extinguishing media	Water spray, water stream.
Specific hazards arising from the chemical	Formation of toxic gases is possible during heating or in case of fire
Special protective equipment and precautions for fire-fighters	Wear self-contained respiratory protective device. Wear fully protective suit.

#### 6. Accidental release measures

Personal precautions, protective equipment and emergency procedures	Ensure adequate ventilation. Keep away from ignition sources. Wear protective equipment. Keep unprotected people away. For large spills, use respiratory protective device against the effects of fumes/dust/aerosol.
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Environmental precautions	Do not allow to enter sewers/ surface or ground water. Inform respective authorities in case of seepage into water course or sewage.
Methods and materials for containment and cleaning up	Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Send for recovery or disposal in suitable receptacle.

## 7. Handling and storage

Precautions for safe handling	Avoid splashes or spray in enclosed areas. Use only in well ventilated areas. Keep out of reach of children.
Conditions for safe storage, including any compatibilities	Store in cool, dry conditions in well sealed receptacles. Avoid storage near extreme heat, ignition sources or open flames. Store away from foodstuffs. Store away from oxidizing agents

## 8. Exposure controls/personal protection

Control parameters	
Occupational exposure limits	This substance has no PEL, TLV, or other recommended exposure limits.
Biological limit values	No biological exposure limits noted for the ingredient(s).
Appropriate engineering controls	No data available.
Individual protection measures	
Eye/face protection	Avoid contact with eyes.
Hand skin protection	Chemical resistant gloves.
Other skin protection	Use of an impervious apron is recommended.
Respiratory protection	Not generally necessary if the area is well ventilated (unless otherwise indicated).
Thermal hazards	Wear appropriate thermal protective clothing, when necessary.
General hygiene considerations	When using do not smoke. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

## 9. Physical and chemical properties

Physical state	Liquid
Colour	Colourless to pale yellow
Odour	Characteristics, anethol like
Melting point/freezing point	No data available
Boiling point	No data available
Flammability	No data available
Lower and upper explosion limit/flammability limit	No data available

Flash point	>93°C
Auto-ignition temperature	No data available
Decomposition temperature	No data available
pH	No data available
Kinematic viscosity	No data available
Solubility	Insoluble in water
Partition coefficient: n-octanol/water (log value)	No data available
Vapour pressure	No data available
Density and/or relative density	0.972 to 0.985 (20 °C)
Relative vapour density	No data available
Particle characteristics	No data available

## 10. Stability and reactivity

Reactivity	The product is stable and non-reactive under normal conditions of use, storage and transport.
Chemical stability	Material is stable under normal conditions.
Possibility of hazardous reactions	No dangerous reaction known under conditions of normal use.
Conditions to avoid	Avoid heat, sparks, open flames and other ignition sources. Avoid temperatures exceeding the flash point. Contact with incompatible materials.
Incompatible materials	PVC
Hazardous decomposition products.	No hazardous decomposition products if stored and handled as indicated.

## 11. Toxicological information

Information of the likely routes of exposure	
Inhalation	No data available
Skin Contact	No data available
Eye Contact	No data available
Ingestion	Causes irritation
Symptoms related to the physical, chemical and toxicological characteristics	No data available
Delayed and immediate effects and also chronic effects from short- and long-term exposure	No data available
Numerical measures of toxicity	No data available

## 12. Ecological information

Ecotoxicity	Toxic to aquatic life with long lasting effects
Persistence and degradability	No data available.
Bioaccumulative potential	No data available.
Mobility in soil	No data available.

Other adverse effects	No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.
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### 13. Disposal considerations

Disposal instructions	Do not discharge into drainage systems or watercourses. Waste should be recycled or disposed of according to the legislation in force, preferably by an approved recycling or waste treatment company. Do not pollute the soil or water; do not dispose of waste in the environment. Empty containers completely. Do not remove labels. Use an approved waste disposal company.
Local disposal regulations	Dispose in accordance with all applicable regulations.
Hazardous waste code	Not established.
Waste from residues/ unused products	Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).
Contaminated packaging	Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may retain product residue, follow label warnings even after container is empty

### 14. Transport information

DOT (US)	
UN number	N/A
UN proper shipping name	Not classified
Transport hazard class	-
Packing group, if applicable	-
IMDG	
UN number	N/A
UN proper shipping name	Not classified
Transport hazard class	-
Packing group, if applicable	-
IATA	
UN number	N/A
UN proper shipping name	Not classified
Transport hazard class	-
Packing group, if applicable	-
ADR	

UN number	N/A
UN proper shipping name	Not classified
Transport hazard class	-
Packing group, if applicable	-

### 15. Regulatory information

Safety, health and environmental regulations/legislation specific for the substance	EU: This safety datasheet complies with the requirement of Regulation (EC) No. 1997/2006
Other regulations	This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.
Chemical safety assessment	For this product a chemical safety assessment was not carried out.

### 16. Other information

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