

# SAFETY DATA SHEET

Issue date : March 01, 2024 Revision date : Jan 02, 2025  
 Revision number : 2 Printed date : Jan 02, 2025

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

GHS product identifier  
 Product name: CASSIA OIL  
 Other means of identification  
 CAS Number 8007-80-5; 84961-46-6.  
 EC Number 284-635-0  
 FEMA Number 2258  
 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 Acute toxicity Category 5  
 Skin corrosion/irritation Category 2  
 Serious eye damage/eye irritation Category 2A  
 Sensitization, skin Category 1  
 Environmental hazards Not classified  
 GHS label elements Pictogram



Signal word Warning  
 Hazard statements  
 H303 May be harmful if swallowed.  
 H311 Toxic in contact with skin.

- H315+H320 Causes skin and eye irritation.
- H317 May cause an allergic skin reaction.
- H319 Causes serious eye irritation.

**Precautionary statements**

**Prevention**

- P261 Avoid breathing mist or vapor.
- P264 Wash thoroughly after handling.
- P272 Contaminated work clothing should not be allowed out of the workplace.
- P280 Wear protective gloves/eye protection/face protection.

**Response**

- P302 +P352 IF ON SKIN: Wash with plenty of water.
- P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P312 Call a POISON CENTER/doctor if you feel unwell.
- P333 + P313 If skin irritation or rash occurs: Get medical advice/attention.
- P337 + P313 If eye irritation persists: Get medical advice/attention.
- P361 + P364 Take off immediately all contaminated clothing and wash it before reuse.

**Storage**

- P405 Store locked up

**Disposal**

- P501 Dispose of contents/container in accordance with local/regional/national/international regulations
- After prolonged contact with highly porous materials, this product may spontaneously combust

Other hazards which do not result in classification

**3. Composition/information on ingredients**

Chemical identity

Chemical name	Cassia oil
Common name, synonym, etc.	Cinnamomum cassia leaf oil, Cinnamomum cassia oil, cassia leaf oil.
Formula	No data available
Molecular weight	No data available
<u>CAS number and other unique identifiers</u>	
CAS Number	8007-80-5; 84961-46-6.
EC Number	284-635-0
FEMA Number	2258

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	If breathing is difficult, remove fresh air and keep at rest in a comfortable position for breathing. For breathing difficulties, oxygen may be necessary. Call a physician if symptoms develop or persist.
Skin contact	Take off immediately all contaminated clothing. Get medical attention if irritation develops and persists. Wash skin thoroughly with soap and water for several minutes.
Eye contact	Remove contact lenses, if present and easy to do. Get medical attention if irritation develops and persists. Promptly wash eyes with plenty of water while lifting the eye lids.
Ingestion	Call a physician or poison control center immediately. If swallowed, rinse mouth with water (only if the person is conscious). Do not induce vomiting. If vomiting occurs, the head should be kept low so that stomach vomit doesn't enter the lungs.
Most important symptoms/effects	Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Skin irritation. May cause redness and pain. May cause an allergic skin reaction. Dermatitis. Rash.
Indication of immediate medical attention and special treatment needed, if necessary	No data available.

#### 5. Fire-fighting measures

Suitable and unsuitable extinguishing media	
Suitable extinguishing media	Water spray, fog, CO <sub>2</sub> , dry chemicals, or alcohol resistant foam.
Unsuitable extinguishing media	Do not use a solid water stream as it may scatter and spread fire.
Specific hazards arising from the chemical	Fire may produce irritating, corrosive and/or toxic gases.
Special protective equipment and precautions for fire-fighters	Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA. Structural fire fighters'

protective clothing will only provide limited protection. Wear self-contained breathing apparatus with a full-face piece operated in the positive pressure demand mode when fighting fires.

## 6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Keep unnecessary personnel away. Eliminate all sources of ignition. Avoid contact with skin or inhalation of spillage, dust or vapor. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering them.

Environmental precautions

Prevent further leakage or spillage if safe to do so. Do not contaminate water. Avoid release to the environment. Retain and dispose of contaminated water. Contact local authorities in case of spillage to drain/aquatic environment.

Methods and materials for containment and cleaning up

Eliminate all ignition sources (no smoking, flares, sparks or flames in immediate area). Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Absorb with inert absorbent such as dry clay, sand or diatomaceous earth, commercial sorbents, or recover using pumps.

The product is immiscible with water and will spread on the water surface.

Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Cover with plastic sheet to prevent spreading. Prevent product from entering drains. Do not allow material to contaminate ground water system. Absorb in vermiculite, dry sand or earth and place into containers.

Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.

Never return spills in original containers for re-use. This material and its container must be disposed of as hazardous waste. Collect and dispose of spillage as indicated in section 13 of the SDS.

## 7. Handling and storage

Precautions for safe handling	Do not handle or store near an open flame, heat or other sources of ignition. Take precautionary measures against static discharges. All equipment used when handling the product must be grounded. Avoid breathing vapor. Avoid contact with eyes, skin, and clothing. Avoid prolonged exposure. Wash thoroughly after handling.
Conditions for safe storage, including any compatibilities	Keep container closed. Handle containers with care. Open slowly in order to control possible pressure release. Store in a cool, well-ventilated area.

## 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	Use explosion-proof ventilation equipment to stay below exposure limits.
Individual protection measures	
Eye/face protection	Wear safety glasses with side shields (or goggles). Face shield is recommended.
Hand skin protection	Chemical resistant gloves.
Other skin protection	Use of an impervious apron is recommended.
Respiratory protection	Respiratory protection not required. If ventilation is insufficient, suitable respiratory protection must be provided.
Thermal hazards	Wear appropriate thermal protective clothing, when necessary.
General hygiene considerations	Keep away from food and drink. 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. Contaminated work clothing should not be allowed out of the workplace.

## 9. Physical and chemical properties

Physical state	Liquid
Colour	Yellow to brown
Odour	Characteristics, cinnamic aldehyde like
Melting point/freezing point	No data available
Boiling point	No data available
Flammability	No data available

Lower and upper explosion limit/flamability 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	1.040 - 1.072 (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 temperatures exceeding the flash point. Contact with incompatible materials.
Incompatible materials	Strong oxidizing agents.
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	The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.
-------------	--

Persistence and degradability	No data is available on the degradability of this substance.
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.

**13. Disposal considerations**

Disposal instructions	Do not discharge into drains, water courses or onto the ground. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose of contents/container in accordance with local/regional/national/international regulations.
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 emptied.

**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	-



## ASIA SPECIALTY INGREDIENTS JOINT STOCK COMPANY

Chi Long, Ngoc Long, Yen My, Hung Yen, Vietnam

W: www.asi-vn.com | E: info@asi-vn.com | M: +84 336 566 427

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

This Safety Data Sheet (SDS) is for guidance and is based upon information and tests believed to be reliable. Asia Specialty Ingredients Joint Stock Company makes no guarantee of the accuracy or completeness of the data and shall not be liable for any damages relating thereto. The data is offered solely for your consideration, investigation, and verification. The data should not be confused with local, state, federal or insurance mandates, regulations, or requirements and CONSTITUTE NO WARRANTY. Any use of this data and information must be determined by the science instructor to be in accordance with applicable local, state or federal laws and regulations. The conditions or methods of handling, storage, use and disposal of the product(s) described are beyond the control of Asia Specialty Ingredients JSC and may be beyond our knowledge. FOR THIS AND OTHER REASONS, WE DO NOT ASSUME RESPONSIBILITY AND EXPRESSLY DISCLAIM LIABILITY FOR LOSS, DAMAGE OR EXPENSE ARISING OUT OF OR IN ANY WAY CONNECTED WITH THE HANDLING, STORAGE, USE OR DISPOSAL OF THIS PRODUCT(S).