

# SAFETY DATA SHEET

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

GHS product identifier  
Product name: BASIL OIL  
Other means of identification  
CAS Number 8015-73-4; 84775-71-3.  
EC Number 283-900-8  
FEMA Number 2119  
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 Category 4  
Health hazards Acute toxicity Category 4  
Skin corrosion/irritation Category 2  
Serious eye damage/eye irritation Category 2  
Sensitization, skin Category 1B  
Germ cell mutagenicity Category 2  
Carcinogenicity Category 2  
Environmental hazards Hazardous to the aquatic environmental Category 3  
GHS label elements Pictogram



Signal word

Warning

#### Hazard statements

- H302 Harmful if swallowed.
- H315 Causes skin irritation.
- H317 May cause an allergic skin reaction.
- H319 Causes serious eye irritation.
- H341 Suspected of causing genetic defects.
- H351 Suspected of causing cancer.
- H412 Harmful to aquatic life with long lasting effects.

#### Precautionary statements

##### Prevention

- P201 Obtain special instructions before use.
- P261 Avoid breathing mist/vapours.
- P264 Wash thoroughly after handling.
- 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.

##### 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 Basil oil
- Common name, synonym, etc. Basil oil (Methyl chavicol type).
- Formula No data available
- Molecular weight No data available

#### CAS number and other unique identifiers

- CAS Number 8015-73-4; 84775-71-3.
- EC Number 283-900-8
- FEMA Number 2119
- 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	Remove the individual to fresh air and keep at rest. Obtain medical advice immediately
Skin contact	Remove contaminated clothing immediately and wash skin with soap and water. If irritation persists, or any sign of tissue damage is apparent, obtain medical advice immediately.
Eye contact	Irrigate copiously with water for at least 10 minutes. Obtain medical advice if any irritation or evidence of tissue damage persists.
Ingestion	Rinse mouth with water. Obtain medical advice immediately.
Most important symptoms/effects	No data available.
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	Foam, dry powder, carbon dioxide.
Unsuitable extinguishing media	Water spray, water jet.
Specific hazards arising from the chemical	No data available
Special protective equipment and precautions for fire-fighters	No data available

#### 6. Accidental release measures

Personal precautions, protective equipment and emergency procedures	Wear appropriate gloves to prevent skin exposure. Avoid contact with skin and inhalation of its vapours or smoke. Maintain adequate ventilation in the working area after spilling.
Environmental precautions	Avoid contaminating the environment via the sewers or water sources.
Methods and materials for containment and cleaning up	Cover with an inert, inorganic, non-combustible absorbent material (e.g. dry-lime, sand, soda ash). Ventilate area and wash spill site after material pickup is complete. Dispose of in accordance with current laws and regulations.

#### 7. Handling and storage

Precautions for safe handling	Keep away from food, drink and animal feeding stuff. Do not smoke. Avoid contact with skin and eyes. Handle in accordance with good industrial hygiene and safety practice.
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Conditions for safe storage,  
including any compatibilities

Keep the product in its original container well sealed, in a dry and ventilated area, away from potential sources of ignition and protected from light. Store in accordance with local/national regulations and follow the warnings on the label.

## 8. Exposure controls/personal protection

Control parameters

Occupational exposure limits

No data available

Biological limit values

No data available

Appropriate engineering controls

No data available

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.

## 9. Physical and chemical properties

Physical state

Liquid

Colour

Pale yellow to yellow clear liquid

Odour

Fresh, sweet, mint

Melting point/freezing point

No data available

Boiling point

No data available

Flammability

No data available

Lower and upper explosion

No data available

limit/flammability limit

Flash point

>75°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-

No data available

octanol/water (log value)

Vapour pressure

No data available

Density and/or relative density

0.948 - 0.970 (20°C)

Relative vapour density

No data available

Particle characteristics

No data available

## 10. Stability and reactivity

Reactivity	No data available.
Chemical stability	Stable under normal operating conditions.
Possibility of hazardous reactions	Hazardous Polymerization: It does not undergo any dangerous reactions under normal conditions.
Conditions to avoid	Heat, flames and other sources of ignition. No special precautions other than good housekeeping of chemicals.
Incompatible materials	Oxidizing mineral acids, strong reducing agents, strong oxidizing agents.
Hazardous decomposition products.	Carbon monoxide and other unidentified organic compounds may be formed upon combustion.

## 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	Harmful to aquatic life with long lasting effects.
Persistence and degradability	The product is expected to be biodegradable.
Bioaccumulative potential	The product does not contain any substances expected to be bioaccumulating.
Mobility in soil	No data available.
Other adverse effects	Do not allow the material to enter streams, sewers or other waterways.

## 13. Disposal considerations

Disposal instructions	Containers must be disposed of as hazardous waste. Do not reuse empty containers. Dilute the remaining material and neutralise. Empty residue into a suitable disposal site.
Local disposal regulations	No data available
Hazardous waste code	No data available
Waste from residues/ unused products	No data available

Contaminated packaging

Dispose of waste products or used containers in accordance with local regulations.

#### 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
US federal 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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