

SAFETY DATA SHEET

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1. Identification of the substance and of the supplier

GHS product identifier
Product name CINNAMYL ACETATE NATURAL
Other means of identification
CAS Number 103-54-8
EC Number 203-121-9
FEMA Number 2293
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
Email 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
Eye irritation Category 2A
Environmental hazards Hazardous to the aquatic Not classified
environmental
GHS label elements Pictogram



Signal word

Warning

Hazard statements

H319 Causes serious eye irritation

Precautionary statements

Prevention

P264 Wash hands thoroughly after handling

Response	P280	Wear protective gloves/eye protection/face protection
	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		
Disposal	P401	Store away from incompatible materials
	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	Cinnamyl Acetate
Common name, synonym, etc.	3-Phenylallyl acetate, 3-Phenyl-2-propenyl acetate
Formula	C ₁₁ H ₁₂ O ₂
Molecular weight	176.215 g/mol
CAS number and other unique identifiers	
CAS Number	103-54-8
EC Number	203-121-9
FEMA Number	2293
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, move to fresh air and keep at rest in a position comfortable 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 the 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

Most important symptoms/effects	(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.
Indication of immediate medical attention and special treatment needed, if necessary	Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. No further relevant information available

5. Fire-fighting measures

Suitable and unsuitable extinguishing media	Suitable extinguishing media: Water spray, fog, CO ₂ , 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	Wear protective equipment. Keep unprotected person away
Environmental precautions	Do not allow to enter sewers/surface or ground water.
Methods and materials for containment and cleaning up	Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Dispose contaminated material as waste according to item 13. Ensure adequate ventilation

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
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Conditions for safe storage,
including any compatibilities

grounded. Avoid breathing vapor. Avoid contact with eyes, skin, and clothing. Avoid prolonged exposure. Wash thoroughly after handling. 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.

Hand skin protection

Chemical resistant gloves.

Other skin protection

No data available.

Respiratory protection

No data available.

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.

9. Physical and chemical properties

Physical state

Liquid

Colour

Slightly yellow

Odour

Characteristics

Melting point/freezing point

No data available.

Boiling point

265°C

Flammability

Not classified

Lower and upper explosion

No data available

limit/flamability limit

Flash point

113°C, Closed cup

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	0.01 mm Hg (25 °C)
Density and/or relative density	1.047 - 1.054 (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	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	May be harmful if inhaled
Skin Contact	Causes skin irritation
Eye Contact	May be harmful if absorbed through the skin. Readily absorbed by skin.
Ingestion	Causes eye irritation
Symptoms related to the physical, chemical and toxicological characteristics	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.
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 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.

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 chemicals 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 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	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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