

MATERIAL SAFETY DATA SHEET

PRODUCT – CINNAMYL NITRILE

1. Chemical Product and Company Identification

Product Name : CINNAMYL NITRILE

Product Code :

MSDS No :

Synonyms : Cinnamonnitrile

CAS No. : 1885-38-7

Molecular Weight : 129.161790

Chemical Formula : C₉H₇N

EC number : 217-552-5

Relevant identified uses of the substance or mixture and uses advised against

Identified uses : Fragrances

Details of the supplier of the safety data sheet:

COCREATE GLOBAL TECHNOLOGIES PRIVATE LIMITED

U21009KA2023PTC179006

Registered address: FFK Towers, #445, 2nd Floor, 17th Cross Road, Sector 4, HSR Layout, Bangalore, Bangalore South,

Karnataka - 560102, India.

Email: sales@scimplify.com

Website: www.scimplify.com

2. Hazards Identification

2.1 Classification of the substance or mixture

No data available.

2.2 Label elements

Pictogram: N/A

Signal word: N/A

2.3 Other hazards

This substance/mixture contains no components considered to be either persistent, bio accumulative and toxic (PBT), or very persistent and very bio accumulative (vPvB) at levels of 0.1% or higher. Classification of the substance or mixture:

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3. Composition and Information on Ingredients

Product Name : Cinnamyl Nitrile

Synonyms : Cinnamonnitrile

CAS No. : 1885-38-7

Molecular Weight : 129.161790

Chemical Formula : C₉H₇N

EC number : 217-552-5

4. First Aid Measures

Description of first aid measures

If inhaled: Remove from exposure site to fresh air, keep at rest, and obtain medical attention. **In case of skin contact:** Wash off with plenty of soap and plenty of water.

In case of eye contact: Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician if symptom persists

If swallowed: Rinse mouth with water and obtain medical attention.

5. Fire and Explosion Data

Extinguishing media

Suitable extinguishing media: Foam, dry chemical, carbon dioxide

Special hazards arise from the substance or mixture:

In case of fire may be liberated: Carbon monoxide, Unidentified organic compounds.

Advice for firefighters:

In case of insufficient ventilation, wear suitable respiratory equipment.

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6. Accidental Release Measures

Personal precautions, protective equipment and emergency procedures

Avoid inhalation. Avoid contact with skin and eyes. See protective measures under Section 7 and

8. Environmental precautions

Keep away from drains, surface and ground water, and soil.

Methods and materials for containment and cleaning up

Remove ignition sources. Provide adequate ventilation. Avoid excessive inhalation of vapours. Contain spillage immediately by use of sand or inert powder. Dispose of according to local regulations.

Reference to other sections

Also refer to section 8 and 13.

7. Handling and Storage

Precautions for safe handling

Keep away from heat, sparks, open flames and hot surfaces. - No smoking. Use personal protective equipment as required. Use in accordance with good manufacturing and industrial hygiene practices. Use in areas with adequate ventilation Do not eat, drink or smoke when using this product.

Conditions for safe storage, including any incompatibilities.

Store in a well-ventilated place. Keep container tightly closed. Keep cool. Ground/bond container and receiving equipment. Use explosion-proof electrical, ventilating and lighting equipment. Use only non-sparking tools. Take precautionary measures against static discharge.

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Specific end use(s)

Fragrances: Use in accordance with good manufacturing and industrial hygiene practices.

Training Hints:

Make sure that workers are aware of the danger and risk according to this safety data sheet.

8. Exposure Controls/Personal Protection

Control parameters

Workplace exposure limits:

Not Applicable

Exposure controls.

Appropriate engineering controls

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

Eye / Skin protection

Wear protective gloves/eye protection/face protection

Body Protection

Impervious clothing, Flame retardant antistatic protective clothing. The type of protective equipment must be selected according to the concentration and number of dangerous substances at the specific workplace.

Respiratory protection

Under normal conditions of use and where adequate ventilation is available to prevent build up of excessive vapour, this material should not require special engineering controls. However, in conditions of high or prolonged use, or high temperature or other conditions which increase exposure, the following engineering controls can be used to minimise exposure to personnel: a) Increase ventilation of the area with local exhaust ventilation. b) Personnel can use an approved, appropriately fitted respirator with organic vapour cartridge or canisters and particulate filters. c) Use closed systems for transferring and processing this material.

Control of environmental exposure

Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

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9. Physical and Chemical Properties

- a) Information on basic physical and chemical properties
- b) Appearance: Pale yellow clear liquid (est)
- c) Physical state:
- d) Form:
- e) Odor: Cinnamon, Cassia, Spicy, Cumin
- f) pH : No data available.
- g) Melting point/freezing point : No data available.
- h) Boiling point : 263.00 to 264.00 °C. @ 760.00 mm Hg
- i) Flash point : > 212.00 °F .TCC (> 100.00 °C.)
- j) Upper/lower flammability or explosive limits
- k) Flammability limit – lower : No data available. (%)
- l) Flammability limit – upper : No data available. (%)
- m) Explosive limit - lower (%) : No data available
- n) Explosive limit - upper (%) : No data available.
- o) Vapor pressure : 0.010000 mmHg @ 25.00 °C
- p) Solubility (water) : 1067 mg/L @ 25°C (est)
- q) Auto-ignition temperature : No data available.
- r) Decomposition temperature : No data available
- s) Viscosity : No data available
- t) Molecular formula : C₉H₇N
- u) Molecular weight : 129.161790
- v) Specific gravity : 1.0240 – 1.0320 @ 20.00 °C
- w) Refractive Index : 1.5990 – 1.6040 @ 20.00 °C

10. Stability and Reactivity

Reactivity

Presents no significant reactivity hazard, by itself or in contact with water.

Chemical stability

Good stability under normal storage conditions.

Possibility of hazardous reactions

Not expected under normal conditions of use.

Conditions to avoid.

Extreme Heat

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Incompatible materials

Oxidizing agents, Strong acids, Alkalis

Hazardous decomposition products

Not Expected

11. Toxicological Information

Acute Toxicity:

Acute oral toxicity: LD50, Rat, 275 mg/kg

Acute inhalation toxicity: No data available

Acute dermal toxicity: LD50, Rabbit, 1910 mg/kg

Skin corrosion/irritation: Causes skin irritation

Respiratory or skin sensitisation: May cause an allergic skin reaction.

12. Ecological information

Acute aquatic toxicity: Toxic with long lasting effects.

Persistence and degradability: No data available.

Bio concentration Factor: No data available.

Mobility in soil: No data available.

Results of PBT and vPvB assessment: Not determined.

Other adverse effects: Do not allow the material to enter streams, sewers or other waterways.

13. Disposal considerations

Dispose of in accordance with local regulations. Avoid disposing into drainage systems and into the environment. Empty containers should be taken to an approved waste handling site for recycling or disposal.

Local disposal regulations: Dispose in accordance with all applicable regulations.

Hazardous waste code: Not established.

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14. Transport information

UN number

UN proper shipping name

ADR/RID: Not dangerous goods

IMDG: Not dangerous goods

IATA: Not dangerous goods

Transport hazard class(es)

ADR/RID: Not dangerous goods

IMDG: Not dangerous goods

IATA: Not dangerous goods

Packaging group

ADR/RID: Not dangerous goods

IMDG: Not dangerous goods

IATA: Not dangerous goods

Environmental hazards

ADR/RID: No

IMDG: No

IATA: No

Special precautions for user

No data available

15. Regulatory information

None Additional

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16. Other information

Scimplify cannot anticipate all conditions under which this information and its product, or the products of other manufacturers in combination with its product, may be used. It is the user's responsibility to ensure safe conditions for handling, storage, and disposal of the product, and to assume liability for loss, injury, damage, or expense due to improper use. The information in the sheet was written based on the best knowledge and experience currently available. The above information relates only to this product and not to its use in combination with any other material or any process and is designed only as guidance for the safe handling, use, processing, storage, transportation, disposal, and should not be considered as a guarantee or quality specification. The above information is based on data provided by and collected from recognized sources such as distributors, manufacturers, and technical groups and is accurate to the best of Scimplify knowledge as of the date of this document. It is the responsibility of the user to review all safety information about this product and determine its safety and suitability in their own processes and operations. Appropriate warnings and safe handling procedures

should be provided to all handlers and users, considering the intended use and the specific conditions and factors relating to such use in accordance with all applicable laws and regulations.