

SAFETY DATA SHEET (SDS)

DICYCLOHEXYLAMMONIUM BENZOATE (MICRONIZED)

CAS Number: 31106-44-6

1. Identification of the Substance and of the Company

Item	Details
Product Name	Dicyclohexylammonium Benzoate (Micronized)
Synonyms	DCHA Benzoate
CAS No.	31106-44-6
Molecular Formula	C ₁₉ H ₂₉ NO ₂
Recommended Use	Co-stabiliser / acid scavenger for lead-free PVC stabiliser systems; PVC compounding; stabiliser blends
Uses Advised Against	Not for food, pharmaceutical, cosmetic, or consumer applications
Supplier	Polymer Add (Thailand) Co., Ltd
Office Address	106, Chalermprakiat R.9 Soi 22 Yak 5, Nongbon, Prawet, Bangkok 10250, Thailand
Factory Address	188/3 Moo 8, Bangpu Mai, Muang Samut Prakan, Samut Prakan 10280, Thailand
Phone (Thai)	+66 80 453 1391
Phone (English)	+66 83 941 5475
Email	contact@polymeradd.co.th

2. Hazards Identification

Item	Description
Classification (CLP)	Not classified as hazardous
Signal Word	None
Hazard Pictograms	None
Hazard Statements	Not applicable
Precautionary Statements	Avoid dust generation. Use appropriate industrial hygiene
Other Hazards	Fine powder may cause mechanical irritation to eyes or respiratory tract

3. Composition / Information on Ingredients

Component	CAS No.	Concentration
Dicyclohexylammonium Benzoate	31106-44-6	≥ 98 %

4. First Aid Measures

Exposure Route	Measures
General Advice	Remove from exposure. Seek medical attention if symptoms persist
Inhalation	Move to fresh air. Seek medical advice if discomfort occurs
Skin Contact	Wash thoroughly with soap and water
Eye Contact	Rinse cautiously with clean water for at least 15 minutes
Ingestion	Rinse mouth. Do not induce vomiting unless directed by medical personnel

5. Firefighting Measures

Item	Description
Suitable Extinguishing Media	Water spray, dry chemical, foam, CO ₂
Specific Hazards	Combustion may produce carbon oxides and organic fumes
Protective Equipment	Self-contained breathing apparatus and protective clothing

6. Accidental Release Measures

Item	Description
Personal Precautions	Avoid dust formation. Use protective equipment
Environmental Precautions	Prevent entry into drains and waterways
Cleanup Methods	Sweep or vacuum carefully. Collect in sealed containers

7. Handling and Storage

Item	Description
Handling	Handle in well-ventilated areas. Avoid inhalation of dust
Storage	Store in a cool, dry place. Keep container tightly closed
Incompatible Conditions	Excessive heat, moisture

8. Exposure Controls / Personal Protection

Item	Recommendation
Occupational Exposure Limits	Not established
Engineering Controls	Local exhaust ventilation recommended
Eye Protection	Safety goggles
Skin Protection	Protective gloves
Respiratory Protection	Dust mask / particulate respirator when required
Hygiene Measures	Wash hands after handling

9. Physical and Chemical Properties

Property	Value
Appearance	White to off-white powder
Odour	Mild
Softening Range	145 – 155 °C
Bulk Density	0.40 – 0.60 g/cm ³
Solubility in Water	Practically insoluble
Flash Point	Not applicable
Flammability	Not classified
Vapour Pressure	Negligible

10. Stability and Reactivity

Item	Description
Chemical Stability	Stable under normal conditions
Hazardous Reactions	None known
Incompatible Materials	Strong oxidising agents
Decomposition Products	Carbon oxides, organic fumes

11. Toxicological Information

Endpoint	Information
Acute Toxicity	No specific data available
Skin Irritation	May cause mild irritation on prolonged contact
Eye Irritation	Dust may cause mechanical irritation
Sensitisation	No data available
Carcinogenicity	Not classified

12. Ecological Information

Endpoint	Information
Ecotoxicity	No data available
Persistence and Degradability	No data available
Bioaccumulative Potential	No data available
Mobility in Soil	Low (insoluble solid)
Environmental Impact	Not expected to pose significant hazard when properly handled

13. Disposal Considerations

Item	Description
Product Disposal	Dispose according to local regulations
Packaging Disposal	Empty containers completely before disposal
Waste Code	To be assigned by licensed waste contractor

14. Transport Information

Regulation	Status
ADR / RID	Not regulated
IMDG	Not regulated
ICAO / IATA	Not regulated
DOT	Not regulated

15. Regulatory Information

Item	Status
CLP Regulation	Not classified
REACH	Not classified as SVHC
Other Inventories	Information available upon request

16. Other Information

Item	Details
SDS Version	1.0
Date of Issue	13 January 2026
Intended Use	Industrial use only
Disclaimer	This SDS is provided for information purposes only and does not constitute a specification or guarantee. Users must ensure suitability and regulatory compliance for their specific application