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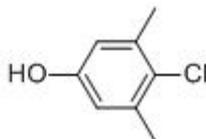
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Technical Data Sheet

4-Chloro-3,5-dimethylphenol

Product Information

Chemical Name	4-Chloro-3,5-dimethylphenol
CAS #	88-04-0
Formula	C ₈ H ₉ ClO
Molecular Weight	156.61
Synonyms	PCMX
Chemical Structure	



Description

PCMX is white crystalline powder, slight aromatic odor. Melting point is 114°C~116°C, boiling point is 246°C. Slightly soluble in water, soluble in dilute alkali solutions, freely soluble in many organic reagents.

Physical Properties

Melting point	114°C~116°C
Boiling point	246°C
Flash point	132°C

Specification

Items	Specification
Appearance	White crystalline powder
Identification	Infra Red Absorption complies with working STD
Melting point	114°C~116°C
Water	≤0.5%

Residue on ignition	≤0.1%
Iron	≤0.01%
2-Chloro-3,5-dimethylphenol(OCMX)	≤0.2%
3,5-dimethylphenol(3,5-DMP)	≤0.2%
2,4-Dichloro-3,5-dimethylphenol(DCMX)	≤0.5%
Related substances	Any individual impurity
	Total impurities
	≥98.5%

Safety

Always refer to the Material Safety Data Sheet (MSDS)

Applications

PCMX is a highly effective broad-spectrum antimicrobial and preservative, used to inhibit bacteria, fungi and mold growth. Display a combination of sterilization and preservation of unique, so efficient and no toxic in many sterilization application.

The extensive application of sterilization in family, medicine, industrial supplies. PCMX can add to some medicinal powder, soap, hygiene and anti dandruff shampoo.

As a preservative and fungicide, also can be apply in paint, textile, paper making industry, cosmetics and polishing agent.

Packaging

25kg per fiber drum

9mt per 20ft container with pallet

14.4mt per 20ft container without pallet

Storage & Handling

Do not store in direct sunlight. Store in a tightly closed container.

Store in a cool, dry, well-ventilated area away from incompatible substances.

Wash thoroughly after handling. Use with adequate ventilation. Minimize dust generation and accumulation.

Avoid breathing dust, vapor, mist, or gas. Avoid contact with skin and eyes. Keep container tightly closed.

Avoid ingestion and inhalation.

Always refer to the Material Safety Data Sheet (MSDS) for detailed information on handling and disposal.

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