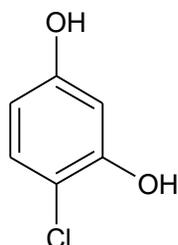


4-Chlororesorcinol

Bulk Chemicals and Intermediates | Technical Data Sheet

Synonyms

4-Chloro-1,3-benzenediol; 4-Chloro-1,3-dihydroxybenzene



Molecular formula	C ₆ H ₅ O ₂ Cl
Molecular weight	144.5
CAS number	95-88-5
EINECS number	202-462-0

Specifications

Appearance	Off-white to light brown powder
Purity (by HPLC)	98% minimum
Purity (by UV)	98% to 102%
4,6-Dichlororesorcinol	1% maximum
Resorcinol	1% maximum
Fe content	100 ppm maximum
Pb content	20 ppm maximum
Sulfated ash at 600°C	0.5% maximum
Ash content	1% maximum

Physical properties

Melting point	106°C to 108°C
Boiling point	146°C to 148°C at 18 mmHg
Solubility in water	Insoluble
Solubility in alcohol	Soluble

Description

4-Chlororesorcinol is an off-white to light brown powder.

Applications

Intermediate for chemicals and personal care products

Packaging

4-Chlororesorcinol is available in 25 kg HDPE and fiber-board drums. Other packaging may be considered on request.

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Storage and handling

Store in a properly labeled and tightly closed container. Keep the container in a dry and well-ventilated area. Protect the container from physical damage. Avoid prolonged or repeated breathing of vapours. Avoid contact with skin and eyes. Always refer to the Safety Data Sheet (SDS) for detailed information on storage and handling.

Safety

Use approved respiratory equipment when airborne concentrations are unknown or exceed the exposure limit. Wear safety glasses with side shields or chemical goggles and a face shield as necessary. A full-body suit, safety shoes and breathing apparatus should be used to avoid inhalation and skin contact with this product. Always refer to the SDS for detailed information on safety.

First aid

Eye contact: Immediately flush eyes with plenty of water for at least 15 minutes. Get immediate medical aid.

Skin contact: Wash skin with soap and plenty of water. Remove contaminated clothing. If any irritation persists, get immediate medical aid. Wash clothing properly before reuse.

Ingestion: Do not induce vomiting. Loosen tight clothing such as collar, tie, belt or waistband. Never give anything by mouth to an unconscious person. Call a physician.

Inhalation: Shift the affected person to fresh air. If the person is not breathing, give artificial respiration. If breathing is difficult, give oxygen. Call a physician.

Spills and disposal

Collect the spilled material in a dry container and keep the container for subsequent waste disposal. This product is a hazardous waste when it is discarded or intended to be discarded. Send to a controlled waste disposal area or burn in accordance with federal, state or local regulation(s), as applicable.

Contact

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