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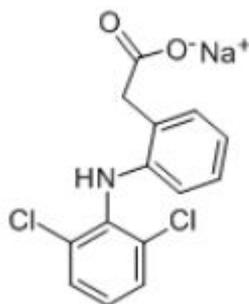
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## Technical Data Sheet

# Diclofenac sodium

### Product Information

Chemical Name	Diclofenac sodium
CAS #	15307-79-6
EINECS	239-346-4
Formula	C <sub>14</sub> H <sub>10</sub> Cl <sub>2</sub> NNaO <sub>2</sub>
Molecular Weight	318.13
Synonyms	2-((2,6-dichlorophenyl)amino)-benzeneaceticacimonosodiumsalt
Chemical Structure	



### Description

Diclofenac sodium is a white or slightly yellowish crystalline powder.

### Physical Properties

Appearance	white or slightly yellowish crystalline powder
Melting point, °C	288-290
Water solubility, g/ml	50
pH	7.0-8.5

### Specification

Appearance	white or slightly yellowish crystalline powder
Melting point, °C	288-290

Water solubility, g/ml	50
pH	7.0-8.5
Heavy metals	10ppm
Content ,%	≥99.0
Loss on drying, %	≤0.5

### Safety

Wear respiratory protection. Avoid dust formation. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas. Avoid breathing dust.

### Applications

Diclofenac sodium is a potent antipyretic analgesic anti-inflammatory drugs. Its anti-inflammatory action 2-2.5 times that of indomethacin, 26-50 times more than acetyl salicylic acid. Applicable to rheumatoid arthritis, joint disease, pain and fever due to a variety of causes after the operation.

### Packaging

25kg per fiber drum, 480 drums per 20ft container without pallets

### Storage & Handling

#### Precautions for safe handling

Avoid contact with skin and eyes. Avoid formation of dust and aerosols.

Provide appropriate exhaust ventilation at places where dust is formed. Normal measures for preventive fire protection.

#### Conditions for safe storage, including any incompatibilities

Store in cool place. Keep container tightly closed in a dry and well-ventilated place.

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