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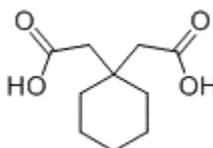
Site: www.tnjchem.com

## Technical Data Sheet

# 1,1-Cyclohexanediactic Acid

### Product Information

Product name	1,1-Cyclohexanediactic Acid
Synonyms	CDA
CAS No.	4355-11-7
EINECS	224-427-9
M.F.	C10H16O4
M.W.	200.23
Chemical structure	



### Physical Properties

White crystalline powder.	
Density	1.182g/cm <sup>3</sup>
Boiling Point	181-185°C
Flashing Point	213.3°C

### Specification

<u>Items</u>	<u>Specification</u>
Appearance	White or off white crystalline powder
Assay	≥99.50%
Melting Point	178.00 ~ 181.00°C
Loss on drying	≤0.50%
Residue on ignition	≤0.20%

Heavy metals                     $\leq 20\text{ppm}$   
Single impurity                 $\leq 0.20\%$

### Safety

CDA is a stable material, not dangerous on transportation.  
Always refer to the Material Safety Data Sheet (MSDS)

### Applications

CDA used for the treatment of epilepsy drug gabapentin intermediates.

### Packaging

25kg per kraft paper bag, 25kg per fiber drum or as per customer's requirement

### Storage & Handling

Store in under normal temperature cool place. Keep container tightly closed in a dry and well-ventilated place. After opening the sealed packaging barrels must carefully again and stand to avoid leakage. Please refer to the Materials Safety Data Sheet (MSDS) for the handling methods.

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

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