

ICS 71.080.30
CCS G17

HG

**CHEMICAL INDUSTRY STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

HG/T 6509-2026

1,2-Diaminocyclohexane for industrial use

工业用1,2-环己二胺

(English Translation)

Issued on: July 15, 2026

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Foreword

HG/T 6509-2026 is a recommended industry standard of the People's Republic of China in the Chemical Industry sector, approved and issued by the Ministry of Industry and Information Technology on 15 July 2026, with effect from 1 February 2027.

It is administered by the National Technical Committee for Chemical Standardization, Organic Chemicals Subcommittee.

Classification: ICS 71.080.30; CCS G17.

1 Scope

HG/T 6509-2026 applies to 1,2-diaminocyclohexane for industrial use, obtained either by amination of cyclohexene oxide or by hydrogenation and rectification of adiponitrile. It is a product standard for this industrial diamine, so that producers and buyers assess the material on the same basis. It is written for buyers, producers and laboratories who need the material to be described in identical terms on both sides of a purchase.

The standard serves manufacturers of 1,2-diaminocyclohexane, laboratories that analyse it, and industrial buyers who need a reference for purchase agreements. The /T in the code means it is a voluntary industry standard. The Ministry of Industry and Information Technology approved it on 15 July 2026, and it takes effect on 1 February 2027. The English translation gives the complete text of the Chinese document. It is a first edition and does not replace an earlier standard.