

GOVERNMENT OF INDIA
MINISTRY OF SCIENCE AND TECHNOLOGY
DEPARTMENT OF SCIENTIFIC AND INDUSTRIAL RESEARCH

RAJYA SABHA
UNSTARRED QUESTION No. 1722
(TO BE ANSWERED ON. 13.03.2025)

INDIGENOUS MANUFACTURING OF HYDRAZINE HYDRATE

1722 # Shri Rambhai Harjibhai Mokariya ,
Shri Subhash Barala:

Will the Minister of **SCIENCE AND TECHNOLOGY** be pleased to state:

- (a) whether Council of Scientific and Industrial Research has developed any technology for indigenous manufacturing of Hydrazine Hydrate; and;
- (b) if so, details thereof and if not, the reasons therefor?

ANSWER

MINISTER OF STATE (INDEPENDENT CHARGE)
SCIENCE AND TECHNOLOGY AND EARTH SCIENCES
(DR. JITENDRA SINGH)

- (a)&(b) Yes, Sir. Constituent laboratory of the Council of Scientific and Industrial Research (CSIR) namely, Indian Institute of Chemical Technology (CSIR-IICT), Hyderabad has developed an indigenous process for production of Hydrazine Hydrate at a commercial scale of 10000 TPA capacity. The Process for Hydrazine Hydrate has been transferred to Gujarat Alkalies and Chemicals Limited (GACL). The scaled-up plant for production of Hydrazine Hydrate (HH) has been installed at Gujarat Alkalies and Chemicals Ltd (GACL), Gujarat. The first consignment of the developed Hydrazine Hydrate has been flagged off in July 2023.
