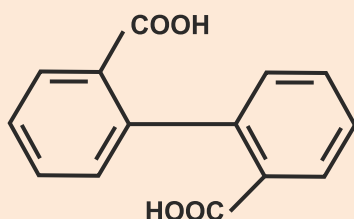


Sarex Overseas (A division of Saraf Chemicals Pvt. Ltd.)

Corporate Office: 501, Waterford, C Wing, C. D. Barfiwala Marg, Juhu Lane, Andheri (W), Mumbai - 400 058, India.
Phone: +91(22) 6128 5566 / 4218 4218, Fax: +91(22) 4218 4350.
Web: www.sarex.com • Email: fchem@sarex.com

STELLAR-2008

1. STRUCTURE



2. PRODUCT NAME & DETAILS

Diphenic Acid (Biphenyl-2,2'-dicarboxylic Acid) (Stellar-2008)

Product Code	: 003993
CAS No.	: 482-05-3
HS Code	: 2917.39.90
Molecular formula	: C ₁₄ H ₁₀ O ₄
Molecular weight	: 242.230

3. REGULATORY INFORMATION

Chemical name	Common names and synonyms	CAS number	EC number
Diphenic Acid	Biphenyl-2,2'-dicarboxylic acid	482-05-3	207-576-4
European Inventory of Existing Commercial Chemical Substances (EINECS)			Listed
EC Inventory			Listed
United States Toxic Substances Control Act (TSCA) Inventory			Listed
China Catalog of Hazardous chemicals 2015			Not Listed
Chinese Chemical Inventory of Existing Chemical Substances (China IECSC)			Listed
Korea Existing Chemicals List (KECL)			Listed
Canadian Domestic Substance List (DSL)			Not Listed
Canadian Non-Domestic Substance List (NDSL)			Listed
Japanese Existing and New Chemical Substances Inventory (ENCS)			Listed

4. SPECIFICATION

Physical Appearance	: White to Off White Powder
Melting Point	: 227 - 229°C
Moisture Content (KF) By Karl Fisher	: NMT 0.5 %
Solubility 2.5% in Methanol	: Clear Solution
Assay (by Titration, Acidimetry)	: NLT 99.0 to 101.0%
Purity (GC)	: NLT 99.0%

Disclaimer

Typical properties should not be considered as specification.
Product covered by valid patents are not offered or supplied for commercial use. The Patent position should be verified by the customer.
Products will not be supplied to countries where they could be in conflict with existing patents.
Products currently covered by valid US patents are offered for R&D use in accordance with 35 USC 271 (e) (I)
Above information is given in good faith and without warranty.



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STELLAR-2008

5. APPLICATION : Use in polymer electrolyte membrane (PEM) fuel cells.

6. HAZARD CLASSIFICATION : Non-Hazardous Substance.



Irritant

7. CAPACITY : 6 MT Per Year.

8. STORAGE CONDITION : Store in closed container at ambient temperature. Avoid direct sunlight.

9. PACKING DEATILS : Outer Packing : 5 Kg HDPE Open Mouth Jerry Can
Inner Packing : Double H.M.Bag (White & Black)

10. SHELF LIFE : 3 years.

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