NGC
Next Generation Chemical

CATALOGUE · UK AND EUROPE

NGC Polyether Polyols and Prepolymers

NGC Ether polyether polyols for people who make their own systems, and NGC Prepol prepolymers and isocyanate components that go with our PU systems.

NGC Ether | NGC Prepol | Diols and triols | Polymer polyol | Iso components



ABOUT THIS CATALOGUE

Polyether polyols and prepolymers

Next Generation Chemical Ltd (NGC) is a UK company based in Croydon, London. We supply polyols and polyurethane systems made by our manufacturing partner to manufacturers in the UK and Europe. You get one named person to talk to, the TDS and SDS for each grade, and lead times in writing.

This is a short catalogue. Where we do not print a grade's values yet, we say **Grade data on request**. Ask us and we send the TDS. We do not print numbers we cannot back with a document.

How to read the tables

- **Typical values, not a specification.** The agreed specification is the TDS for your order. Always trial before use.
- Nominal MW = nominal molecular weight in g/mol. f = functionality (2 for a diol, 3 for a triol).
- NCO content in %. Viscosity in mPa·s (= cP) at the temperature shown.
- A dash (—) means we do not hold that value yet. It is on the TDS or on request.
- Every grade: **TDS on request**. SDS for GB or EU on request.

Supply

Drums and IBCs. REACH status and lead time confirmed with each quote. Samples for trials. No prices in this catalogue: ask us for a quote.

NGC ETHER

Polyether polyols

Polyether diols and triols, and a polymer polyol, for customers who make their own systems. 6 types.

Type	Nominal MW g/mol	f	Typical use	OH value, viscosity, water, acid value
Diol	1,000	2	Elastomers, CASE, prepolymers	Grade data on request
Diol	2,000	2	Elastomers, CASE, prepolymers	Grade data on request
Diol	4,000	2	Elastomers, CASE, prepolymers	Grade data on request
Triol	5,000	3	Flexible foam, CASE	Grade data on request
Triol	6,000	3	Flexible foam, CASE	Grade data on request
Polymer polyol	—	—	Load-bearing flexible foam	Grade data on request

NGC grade names for each type follow with their TDS.

NGC PREPOL

Prepolymers and isocyanate components

Isocyanate (component B) grades that go with our NGC Flex, NGC Skin, NGC Seal and NGC Rigid systems, and a one-component grouting prepolymer. 9 grades.

NGC name	What it is for	NCO %	Viscosity mPa·s at °C	TDS
NGC Prepol 9848	Iso component for NGC Flex 1798FR	Grade data on request		On request
NGC Prepol 98515	Iso component for NGC Skin 2763, 2763B and 2765	Grade data on request		On request
NGC Prepol 97525	Iso component for integral skin systems	Grade data on request		On request
NGC Prepol 9644	Iso component for NGC Skin integral skin systems	28.5 %	125 at 25 °C	On request
NGC Prepol 96535	Iso component for NGC Seal 4464	Grade data on request		On request
NGC Prepol 9803	MDI iso component for NGC Rigid 35018	Grade data on request		On request
NGC Prepol 9805	Iso component	Grade data on request		On request
NGC Prepol 96238	Iso component	Grade data on request		On request
NGC Prepol 95097G1K	One-component (1K) grouting prepolymer	Grade data on request		On request

NCO and viscosity of NGC Prepol 9644 are from the TDS of its matching NGC Skin system.

Prepolymers for your own products

Prepolymers for elastomers, coatings, adhesives, sealants, shoe soles and foams. Grade data on request: tell us the NCO content and viscosity you use today.

What to send us for a quote

The type and MW (or NCO content) you use now, or its TDS; your monthly volume and pack size; and the delivery country.

Safe handling

Isocyanates can cause skin and breathing sensitisation. Read the SDS before first use. Products with more than 0.1 % diisocyanates need documented user training first (EU REACH Annex XVII entry 74 and UK REACH), renewed at least every five years.

CONTACT

Talk to Vinay

Tell us what you make and the grade you use today. We match a grade, send its TDS and SDS, and agree sample timing in writing.

Vinay Paghadal, Co-founder

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Phone and WhatsApp
support@nextgenerationchemical.uk
nextgenerationchemical.co.uk

Request a sample, TDS or SDS at nextgenerationchemical.co.uk/contact/

How we work

1. **Tell us your process.** Product, line and the grade you use now.
2. **We match a grade.** With its TDS and SDS.
3. **Sample and trial.** On your own equipment.
4. **Written quote and lead time.** Before every order.
5. **Supply and support.** One named person for orders and documents.

Supply

Drums and IBCs. REACH status and lead time confirmed with each quote. Samples for trials. No prices in this catalogue: ask us for a quote.

Next Generation Chemical Ltd, registered in England and Wales, company no. 16617847. Croydon, London, UK. +44 7818 103874 (WhatsApp) · support@nextgenerationchemical.uk · nextgenerationchemical.co.uk.

All figures are typical values, not a specification. They are given in good faith as a guide and do not replace your own trials. Check the current TDS and SDS before use. NGC Polyether Polyols and Prepolymers, November 2026.