

INVITATION TO QUOTE
ITQ REF NO: NKF/LC/2026/007
Date: 22 July 2026

Invitation to Quote (ITQ) for Provision of Cannister, Cardboard and Recycling Waste Collection Services at NKF Dialysis Centres for a Period of Twelve (12) Months

1. Introduction

- 1.1. The National Kidney Foundation ("NKF") wishes to invite vendor (the "Vendor") to quote for the provision of cannister, cardboard and recycling waste collection services at NKF Dialysis Centres ("DC"), NKF Centre (HQ), NKF Integrated Centre (IRC) and Joo Seng Warehouse, for a period of twelve (12) months from **02 November 2026 to 01 November 2027**.
- 1.2. This **INVITATION TO QUOTE** incorporates the following documents:
- Annex A: Requirement Specifications
 - Annex B: List of Selected Dialysis Centres
 - Annex C: Price Schedule
 - Annex D: Cannister Solution Material Safety Data Sheet
 - Annex E: Information About Vendor
 - Annex F: ITQ Terms
 - Annex G: Agreement to Terms and Conditions
 - Annex H: Environmental, Social and Governance (ESG)
 - Annex I: NKF Code of Conduct

2. Requirement Specification

- 2.1 Please refer to **Annexes A to D** for details.

3. Compulsory Briefing Session on Proposal Bids

- 3.1 There will be a **compulsory** briefing conducted at the specific time and location below:

Date: **28 July 2026 (Tuesday)**
Time: **9.30am (Gather at Venue 1)**
Venue 1: **NKF Centre (HQ)**
81 Kim Keat Road, Singapore 328836
Venue 2: **NKF Dialysis Centre (DC)**
Block 225, Lorong 8 Toa Payoh, #01-54, Singapore 310225

Interested Vendors are required to register their contact with The National Kidney Foundation, via email attention to **Jerome Chan @ Jerome.chan@nkfs.org** and **Freddy Ng @ Freddy.ng@nkfs.org** before 15:00hrs on 27 July 2026 (Monday).

4. Submission of ITQ

- 4.1 If you wish to submit the ITQ for the above requirement, you must complete and submit the documents mentioned in paragraph 1.2 above. All supporting documents and materials (if any) referred to in the above documents (e.g. brochures, catalogues, handbooks, artwork and samples).
- 4.2 NKF requires:
- **two (2)** copies of the documents, referred to in paragraph 1.2 that is, one original copy and one duplicate copy.
 - **One (1) thumbdrive** containing the same documents.

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- 4.3 Full set of quotations / proposal must be submitted with Vendor's stamp on all pages stipulated in the ITQ. These are to be delivered in a sealed envelope which is not to bear any mark of identification of the Vendor (defined in the Conditions of Contract). The envelope is to be endorsed with the words **"Invitation to Quote Ref No: NKF/LC/2026/007 Invitation to Quote (ITQ) for Provision of Cannister, Cardboard and Recycling Waste Collection Services at NKF Dialysis Centres for a Period of Twelve (12) Months"** and hand delivered:

To deposit to : ITQ Box A (near Security Counter)
National Kidney Foundation
81 Kim Keat Road
Singapore 328836
Attn: Ms Lynette Chong

- 4.4 All ITQ must be received at the location specified above, no later than **12 August 2026, Wednesday, 1500 hours (the "Closing Date")**. ITQ received after this deadline shall not be considered.
- 4.5 Your ITQ bid shall be irrevocable and open for acceptance by NKF for **180 days** from the Closing Date.
- 4.6 The Vendor, at the point of submission of its bid, is required to provide the following information and/or documents to NKF:
- 4.6.1 All documents stated in paragraph 1.2.
 - 4.6.2 Extract of company/business registration from the Accounting & Corporate Regulatory Authority (ACRA), showing a full list of directors/partners of the Vendor. The date of the business profile should be no more than 3 months from the point of submission.
 - 4.6.3 Latest audited financial reports or published accounts.
 - 4.6.4 Any other documents relevant to the ITQ.

5. Terms and Conditions

- 5.1 The Terms and Conditions as set out in the Conditions of Contract shall form part of the binding contract between the successful Vendor and NKF. The Vendor shall perform the Services according to the requirements specified in Annexes A to I.
- 5.2 The successful Vendor may be required to submit further documentation with NKF and shall do so, if ever required by NKF.
- 5.3 NKF is not obliged to accept and reserves the right to reject the lowest or any quotation, part or all of any quotation or assign any reason for rejecting any quotation.
- 5.4 Where any of the Terms and Conditions of the Scope of Services conflicts or at variance with Conditions of Contract, the Terms and Conditions of the Scope of Services shall prevail. Please refer to applicable annexures listed in Para 1.2.
- 5.5 NKF reserves the right to award the project in part or full.

6. Price Quotations

- 6.1 The Vendor should provide the price(s) quoted as per the format in Price Schedule (Annex C).
- 6.2 All prices quoted by the Vendor shall be in the lawful currency of the Republic of Singapore.
- 6.3 All prices quoted by the Vendor shall represent the total cost to NKF.

7. Clarifications or Enquiries

7.1 For clarification or enquiries pertaining to:-

- Specification Requirements, please contact: Mr Jerome Chan at Jerome.Chan@nkfs.org or Mr Freddy Ng at Freddy.Ng@nkfs.org.
- Other enquiries: please contact: Ms Lynette Chong at Lynette.Chong@nkfs.org.

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REQUIREMENT SPECIFICATIONS

The services shall include the collection, transportation, recycling, and proper reporting of recyclable waste generated from dialysis operations and daily centre activities.

The general requirements shall include but not limited to the following:

1. General Requirements

- a) The vendor shall collect the following recyclable waste items from designated NKF Dialysis Centres:
- Used dialysis cannister solution bottles
 - Cardboard waste
 - Recyclable waste from 4-in-1 recycling bins (e.g. plastic, paper, metal cans and general recyclables)

2. Collection Frequency

- a) Collection shall be carried out two (2) times per week.
- Monday and Thursday
 - Within 9:00 AM to 6:00 PM
- b) Collection services shall still be carried out should Public Holidays (PH) fall on the scheduled collection day.

3. Reporting & Documentation

- a) The vendor shall provide:
- Collection date
 - Type of waste collected
 - Estimated or actual collection quantity/weight
 - Collection location / dialysis centre
- b) Relevant recycling certificates and/or supporting sustainability documentation where applicable.
- c) Statement of Rates (SOR) for any ad-hoc collection services when required by NKF.

4. Operational Coordination

- a) Vendor shall provide a designated Point-of-Contact (POC) for operational coordination.
- b) Vendor shall liaise directly with the below personnels for operation related matters:
- Dialysis Centre (DC)'s Operations Assistant (OA)
 - Freddy Ng / Jerome Chan
- c) Vendor shall ensure minimal disruption to dialysis operations during collection activities.

5. Eligibility Criteria

a) Vendors shall meet the following minimum requirements:

Regulatory Requirements

- Valid NEA General Waste Collector License:
- Class A

b) Vendor shall possess at least one (1) of the following certifications:

- ISO 9001 – Quality Management System
- ISO 14001 – Environmental Management System
- ISO 45001 – Occupational Health & Safety Management System

c) The vendor shall possess the minimum safety requirements:

- BizSafe Level 3 certification or equivalent.

6. Compliance & Service Expectations

The appointed vendor shall:

- Comply with all applicable Singapore regulations and environmental requirements.
- Ensure proper housekeeping and safe handling during collection activities.
- Ensure collected waste is sent to authorised recycling or recovery facilities.
- Maintain professionalism and proper conduct while operating within NKF premises.

7. Additional Considerations (Preferred)

Preference may be given to vendors with the following:

- Experience in recycling and waste management for healthcare or industrial facilities.
- Ability to provide sustainability reporting and carbon reduction data.
- Capability to support island-wide collections across multiple dialysis centres.
- Ability to respond to urgent or ad-hoc collection requests.
- Proper transportation and handling methods for recyclable materials.

8. Others

The NKF reserves the right, at any time during the Contract period, to add, remove or amend any recyclable materials or collection location(s) under the Contract to meet operational or business requirements. Where reasonably practicable, the NKF will provide the Contractor with 30 calendar days' prior written notice.

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List of Dialysis Centres (By Zones)

Annex B

S/N	Dialysis Centre	Address
WEST		
1	113A Bukit Batok	BLK 113A Bukit Batok West Ave 6, #01-01 S (651113)
2	326 Clementi (Nocturnal)	BLK 326 Clementi Ave 5 #01-175 S (120326)
3	701 West Coast	BLK 701 West Coast Rd #01-323 S (120701)
4	113 Teck Whye	BLK 113 Teck Whye Lane #01-666 S (680113)
5	744 Jurong West	BLK 744 Jurong West St 73 #01-19 S (640744)
6	940 Jurong West	BLK 940 Jurong West Street 91. #01-441 S (640940)
7	240C Jurong East	BLK 240C Jurong East Ave 1 #01-01 S (603240)
8	1 Ghim Moh	BLK 1 Ghim Moh Road #01-358 S (270001)
9	55 Strathmore	BLK 55 Strathmore Ave #01-145 S (140055)
10	128 Bukit Merah	BLK 128 Bukit Merah View #01-22 S (150128)
11	274 Bangkit	BLK 274 Bangkit Rd #01-54 S (670274)
12	275 Bangkit	BLK 275 Bangkit Rd. #01-96 S (670275)
13	IRC Level 1, 2 & 3 (Building)	500 Corporation Road Level 1 S (649808)
CENTRAL		
1	225 Toa Payoh	BLK 225 Toa Payoh Lorong 8. #01-54 S (310225)
2	19 Upper Boon Keng	BLK 19 Upper Boon Keng Rd #01-1220 S (380019)
3	43 Bendemeer	BLK 43 Bendemeer Rd. #01-1018 S (330043)
4	311 Ubi	BLK 311 Ubi Ave 1. #01-383 S (400311)
5	102 Aljunied	BLK 102 Aljunied Crescent. #01-265 S (380102)
6	213 Bidadari	BLK 213 Bidadari Park Dr #03-14 S (360213)
7	NKF Centre (Building)	Tay Choon Hye-NKF Dialysis Centre 81 Kim Keat Road S (328836)
8	Toa Payoh West CC (Building)	BLK 200 Toa Payoh Lorong 2 #03-01 S (319642)
9	Joo Seng Store (Building)	136 Joo Seng Road #03-01 S (368360)
NORTH-EAST		
1	633 Ang Mo Kio	BLK 633 Ang Mo Kio Ave 6. #01-5155 S (560633)
2	565 Ang Mo Kio	BLK 565 Ang Mo Kio Ave 3. #01-3401 S (560565)
3	628 Hougang (Nocturnal)	BLK 628, Hougang Ave 8. #01-108 S (530628)

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S/N	Dialysis Centre	Address
4	114 Hougang	BLK 114 Hougang Ave 1. #01-1298 S (530114)
5	465 Fernvale	BLK 465 Fernvale Rd, #01-07 Fernvale Vines S (790465)
6	Punggol Oasis (Building)	BLK 681 Punggol Drive. #02-02 S (820681)
7	One Punggol (Building)	One Punggol, 1 Punggol Dr., #04-08 S (828629)
8	Sengkang Hospital (Building)	SKCH 1 Anchorvale St, #01-26 S (544835)
9	Serangoon Polyclinic (Building)	587 Upper Serangoon Road Level 3 S (534564)
NORTH		
1	365 Woodlands (Nocturnal)	BLK 365 Woodlands Ave 5. #01-490 S (730365)
2	825 Woodlands	BLK 825 Woodlands St 81. #01-30 S (730825)
3	761 Woodlands	BLK 761 Woodlands Ave 6. #01-108 S (730761)
4	204 Marsiling	BLK 204 Marsiling Drive. #01-188 S (730204)
5	203 Yishun	BLK 203 Yishun St 21. #01-239 S (760203)
6	639 Yishun	BLK 639, Yishun St 61. #01-168 S (760639)
7	840 Yishun	BLK 840 Yishun St 81. #01-382 S (760840)
8	Yishun Comm Hosp (Building)	YCH 2 Yishun Central 2 #03-01 S (768024)
EAST		
1	27 New Upper Changi	BLK 27 New Upper Changi Rd. #01-694 S (462027)
2	105 Bedok	BLK 105 Bedok North Ave 4. #01-2168 S (460105)
3	180 Pasir Ris	BLK 180 Pasir Ris St 11. #01-06 S (510180)
4	427 Pasir Ris	BLK 427 Pasir Ris Drive 6. #01-35/43 S (510427)
5	101 Simei	BLK 101 Simei St 1. #01-892 S (520101)
6	935 Tampines	BLK 935 Tampines St 91. #01-333 S (520935)
7	271 Tampines	BLK 271 Tampines St 21. #01-99 S (520271)

PRICE SCHEDULE - Breakdown

Dialysis Centre	Price (\$) Per Month	Price (\$) 12 Months
The scope of works includes the provision of recycling waste collection services for dialysis cannister solution bottles, cardboard waste, and recyclable waste from 4-in-1 recycling bins, including scheduled collection, transportation, recycling processing, and submission of monthly collection reports and recycling certification.		
WEST		
113A Bukit Batok	S (\$)	S (\$)
326 Clementi (Nocturnal)	S (\$)	S (\$)
701 West Coast	S (\$)	S (\$)
113 Teck Whye	S (\$)	S (\$)
744 Jurong West	S (\$)	S (\$)
940 Jurong West	S (\$)	S (\$)
240C Jurong East	S (\$)	S (\$)
1 Ghim Moh	S (\$)	S (\$)
55 Strathmore	S (\$)	S (\$)
128 Bukit Merah	S (\$)	S (\$)
274 Bangkit	S (\$)	S (\$)
275 Bangkit	S (\$)	S (\$)
IRC Level 1, 2 & 3 (Building)	S (\$)	S (\$)
Total (West - 13 Locations):	S (\$)	S (\$)
CENTRAL		
225 Toa Payoh	S (\$)	S (\$)
19 Upper Boon Keng	S (\$)	S (\$)
43 Bendemeer	S (\$)	S (\$)
311 Ubi	S (\$)	S (\$)
102 Aljunied	S (\$)	S (\$)
213 Bidadari	S (\$)	S (\$)
NKF Centre (Building)	S (\$)	S (\$)
Toa Payoh West CC (Building)	S (\$)	S (\$)
Joo Seng Store (Building) – <i>only every Thurs cardboard collection</i>	S (\$)	S (\$)
Total (Central – 9 Locations):	S (\$)	S (\$)
NORTH-EAST		
633 Ang Mo Kio	S (\$)	S (\$)
565 Ang Mo Kio	S (\$)	S (\$)
628 Hougang (Nocturnal)	S (\$)	S (\$)
114 Hougang	S (\$)	S (\$)
465 Fernvale	S (\$)	S (\$)
Punggol Oasis (Building)	S (\$)	S (\$)
One Punggol (Building)	S (\$)	S (\$)
Sengkang Hospital (Building)	S (\$)	S (\$)
Serangoon Polyclinic (Building)	S (\$)	S (\$)
Total (Northeast – 9 Locations):	S (\$)	S (\$)

Dialysis Centre	Price (\$) Per Month	Price (\$) 12 Months
NORTH		
365 Woodlands (Nocturnal)	S (\$)	S (\$)
825 Woodlands	S (\$)	S (\$)
761 Woodlands	S (\$)	S (\$)
204 Marsiling	S (\$)	S (\$)
203 Yishun	S (\$)	S (\$)
639 Yishun	S (\$)	S (\$)
840 Yishun	S (\$)	S (\$)
Yishun Comm Hosp	S (\$)	S (\$)
Total (North – 8 Locations):	S (\$)	S (\$)
EAST		
27 New Upper Changi	S (\$)	S (\$)
105 Bedok	S (\$)	S (\$)
180 Pasir Ris	S (\$)	S (\$)
427 Pasir Ris	S (\$)	S (\$)
101 Simei	S (\$)	S (\$)
935 Tampines	S (\$)	S (\$)
271 Tampines	S (\$)	S (\$)
Total (East – 7 Locations)	S (\$)	S (\$)
Grand Total	S (\$)	S (\$)

Additional SOR			
1	Additional Dialysis Centre Collection Service <i>(For additional collection services at newly added or non-contracted dialysis centres)</i>	Per DC	S(\$)
2	Additional Collection Trip / Adhoc Collection Trip <i>(For unscheduled or additional waste collection requests outside the regular collection schedule).</i>	Per DC	S(\$)

Accepted By:

Authorized Signature: _____

Date: _____

Signatory Name: _____

Signatory Title: _____

Telephone Number: _____

Vendor's Name: _____

Email Address: _____

Vendor's Stamp: _____

CANNISTER SOLUTION MATERIAL SAFETY DATA SHEETS

Please refer to the 2 safety data sheets as appended in Annex D1 (Total: 16 pages).

INFORMATION ABOUT VENDOR**Annex E****ITQ REF NO. NKF/LC/2026/007****ITQ FOR PROVISION OF CANNISTER, CARDBOARD AND RECYCLING WASTE COLLECTION SERVICES
AT NKF DIALYSIS CENTRES FOR A PERIOD OF 12 MONTHS**

1. Vendor's name: _____
2. Company/Business registration no.: _____
3. Registered address: _____

4. GST registration no. (if applicable): _____
5. Type of business (please select)

☐ Sole proprietorship	☐ Private company (limited by shares)
☐ Partnership	☐ Public company (limited by shares)
☐ Others (please specify): _____ _____	
6. Contact person

Name:	_____
Title:	_____
Tel No.:	_____
Fax No.:	_____
Email:	_____
7. I declare that I/the Vendor is not related¹ to any person in NKF who is involved in this ITQ howsoever and whatsoever.
8. The above-named Vendor certifies and declares that all information, documents and materials provided in connection with its quotation bid are true and accurate to the best of its knowledge.

Authorised Signature: _____

Signatory's name: _____ Signatory's title: _____

Vendor's name: _____ Vendor's stamp: _____

¹Related refers to the following: Spouse, domestic partner, child, mother, father, brother or sister or close associates; any corporation, business or non-profit organization of which you are serving as staff, officer, board member, partner, participate in management or are employed by; any trust or other estate in which you have a substantial interest or as to which you serve as a trustee or in a similar capacity.

Invitation-to-Quote Terms and Conditions ("ITQ Terms")
Annex F
1. Definitions

1.1 For the purposes of this Contract (defined below), the following words and phrases shall have the following meanings unless the context otherwise requires:

- (a) **"NKF"** means The National Kidney Foundation and includes any officer or other person authorized by NKF to act on its behalf.
- (b) **"Contractor"** means a party who or which has offered to supply Goods / Services in accordance with the terms of this Contract and/or the party who has been awarded this Contract by NKF to supply the Goods / Services.
- (c) **"Contract"** means this contract between NKF and the Contractor for the supply of the Goods / Services in accordance with the ITQ Cover Letter, Price Schedule, Product Specifications, ITQ Terms, Letter of Acceptance (if applicable) and Order (if applicable) as well as all documents referred to therein together with the Contractor's formal acceptance thereof, or where a separate formal agreement is entered into, such agreement between NKF and the Contractor, with any authorized variations if executed between NKF and the Contractor.
- (d) **"Contract Price"** means the total price payable to the Contractor under this Contract for the supply of Goods / Services.
- (e) **"Goods / Services"** means all Goods / Services, including parts and units thereof, in such quantities and with such specifications as may be stipulated under this Contract, which the Contractor is required to supply under the Contract.
- (f) **"Infectious Disease"** means any disease specified in the Infectious Diseases Act (Cap. 137) and includes any other disease that is caused or suspected to be caused by a micro-organism or any agent of disease; and/or that is capable or is suspected to be capable of transmission by any means to human beings.
- (g) **"ITQ Cover Letter"** means the cover letter issued by NKF in respect of an invitation-to-quote.
- (h) **"Letter of Acceptance"** means the letter in a form prescribed by NKF executed by the Contractor upon being offered the Contract.
- (i) **"Order"** has the meaning as set out under Clause 3.1 below.
- (j) **"Price Schedule"** means the form setting out the agreed price(s) of the Goods / Services.
- (k) **"Product Specifications"** means the specifications issued by NKF for the purpose of inviting the Contractor to submit its tender for the Goods / Services, with any authorized variations, if executed between NKF and the Contractor.

1.2 In this Contract:

- (a) References to words incorporating the masculine gender only shall where the context so admits include the feminine and/or neuter genders and vice versa and references in this Contract to words incorporating the singular meaning shall include the plural meaning and vice versa and words denoting natural persons shall include bodies

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corporate, incorporate, associated partnerships, firms, trusts, associations, joint ventures, governments, governmental agencies or departments or any other entity, and all such words shall be construed interchangeably in that manner.

- (b) The clauses, paragraph or clause headings and marginal notes in this Contract have been inserted for ease of reference and convenience only and shall not affect the construction or interpretation of this Contract.
- (c) References to clauses and schedules shall be references to Clauses of and the Schedule(s) to this Contract. The Schedule(s) are to have effect and be construed as an integral part of, and shall be deemed to be incorporated into this Contract.
- (d) References to statutory provisions shall be construed as references to those provisions as respectively amended, consolidated, extended or re-enacted from time to time and all statutory instruments or orders made pursuant to it.
- (e) In the event of a conflict between any of the terms of this Contract, including its Schedule(s), the conflict will be resolved in the following order or priority:
 - (1) the ITQ Cover Letter;
 - (2) the Product Specifications;
 - (3) the Price Schedule;
 - (4) the ITQ Terms;
 - (5) the Letter of Acceptance;
 - (6) and Order;

2. Introduction

- 2.1 This is an invitation to quote for the provision of Goods / Services to NKF. The invitation to quote, the Contractor's quote (if any), the acceptance by NKF of a Contractor's quote (if any) and subsequent provision of Goods / Services by the Contractor (if any) is subject to and upon the terms and conditions of the Contract.
- 2.2 The invitation to quote may be revoked by NKF at any time prior to NKF's written acceptance of a quote received from a Contractor.
- 2.3 A Contractor's quote is conditional upon such Contractor complying with the terms and conditions of the Contract and in submitting a quote to NKF, such Contractor signifies their agreement to be bound by the terms and conditions of the Contract.
- 2.4 Provided that the invitation to quote has not been revoked by NKF, a quote submitted by a Contractor may not be modified or revoked unless requested by NKF.
- 2.5 If and when accepted by NKF, the Contract between NKF and the Contractor may only be varied and/or modified or only by the written agreement of both NKF and the Contractor.

3. Orders

- 3.1 The Goods / Services shall be provided by the Contractor to the NKF as and when ordered by the NKF via a purchase order and/or works order (including an email from NKF to the Contractor requesting for such Goods / Services making reference to the relevant subject matter) (collectively, "**Order**") submitted by NKF to the Contractor. Where the Contractor receives any Order, the Contractor shall proceed to supply the Goods / Services in accordance with the delivery dates and other details of the Order and in accordance with such Product Specifications as already stipulated by NKF.

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- 3.2 The Contractor shall submit an invoice to the NKF for the Goods / Services ordered upon completion of the supply thereof and acceptance by NKF.

4. Provision and delivery

- 4.1 All Goods / Services shall be suitably packed, marked and transported to such address as may be specified by NKF, provided in such manner as may be specified by NKF and/or in accordance with timelines as may be specified by NKF. NKF reserves the right to make reasonable changes to these from time to time. No additional charge shall apply for packing, transportation and/or delivery.
- 4.2 If applicable, the Contractor shall forward the original Bill of Lading and other shipping/transportation documents promptly to NKF.
- 4.3 NKF shall have no liability to pay for Goods / Services delivered in excess of the quantities specified. The Contractor shall be responsible for any loss or damage occurring during the transit. Where applicable, title and/or lien passes to NKF only upon delivery. If the Goods / Services or any portion thereof are not delivered within the timelines specified, NKF shall be entitled to determine the Contract forthwith.
- 4.4 Where applicable, Goods / Services having an expiry date of three hundred and sixty five (365) days or less from the date of delivery by the Contractor to NKF shall be deemed non-compliant and/or defective, and the NKF shall be entitled to require the removal, replacement and/or rectification of such Goods / Services.

5. Inspection, testing and rejection

- 5.1 NKF reserves the right to count and/or inspect all of the Goods / Services in terms of quality and/or quantity and to reject defective and/or non-conforming Goods / Services without any obligation to pay for such. In such an event, the Contractor shall also be liable for all storage charges. If the Goods / Services involve manufacture, a sample shall be produced for approval prior to production of the whole order. Acknowledgement of delivery or payments for Goods / Services shall not be deemed to constitute an acceptance of the Goods / Services or waiver of NKF's right to reject them.

6. Prices

- 6.1 Prices quoted by the Contractor, to the extent possible, are to be FIXED prices which should clearly set out any taxes as may be applicable. Such prices quoted shall include the cost of delivery to NKF's dialysis centre(s) and/or warehouse(s) as may be set out in the Order.
- 6.2 NKF reserves the right to make reasonable alterations/changes to the specification of the Goods / Services. The prices and timelines for of the Goods / Services in respect of such changes shall in good faith be equitably adjusted between NKF and the Contractor.

7. Payment

- 7.1 Unless otherwise agreed between NKF and the Contractor, NKF's obligation to pay is conditional upon its receiving an invoice from the Contractor for the amount payable, giving NKF no less than thirty (30) days from receipt of such invoice to make payment.
- 7.2 If any invoice is not submitted to NKF within six (6) months upon completion and/or acceptance by NKF of the Goods / Services, NKF shall be released and discharged from any liability to make any payment of the debt in relation to such invoice.

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- 7.3 Payment by NKF of an invoice shall not affect NKF's right to reject any of the Goods / Services or the Contractor's responsibility to remedy, replace and/or re-perform Goods / Services which are defective or do not conform to NKF's requirements under the Contract. NKF shall have no obligation to pay any additional amount for any such Goods / Services which have been remedied, replaced and/or re-performed.
- 7.4 NKF shall not pay for expenses or cost of whatever nature other than those expressly set forth in the Contract with the Contractor.
- 7.5 NKF expressly disclaims any late payment charge(s) and/or default interest charge(s) of any kind whatsoever.
- 7.6 Without prejudice to any other rights and remedies of NKF, the amount of any payment or debt owed by the Contractor to NKF under this Contract may be deducted by NKF from any monies payable by NKF to the Contractor under this Contract.

8. Guarantee

- 8.1 The Contractor guarantees and it is a condition to the submission of a quote by the Contractor that all Goods / Services will conform to the specifications and/or requirements stipulated by NKF and that the Goods / Services are of good quality, free from all defects and fit and sufficient for the use intended.
- 8.2 The Contractor undertakes to promptly remedy and/or replace any defect howsoever arising for a period of twelve (12) months from the NKF's written advice of the acceptance of the Goods / Services without any cost to NKF. NKF shall, as soon as reasonably practicable, after discovering any such defect, inform the Contractor in writing, and the means of remedy and/or replacement shall in good faith be equitable discussed and agreed to between NKF and the Contractor.

9. Indemnity

- 9.1 The Contractor shall indemnify NKF (and its agents, officers and/or employees) in respect of all damages and/or injuries to any person or any property and against all actions, suits, claims, demands, costs, charges or expenses arising in connection therewith that have been caused howsoever by the Contractor, its agents, officers and/or employees in the performance of the Contract or by the Contractor's breach of the Contract.

10. Limitation of liability

- 10.1 Without prejudice to the remaining provisions of this Clause, the Contractor acknowledges and agrees that the provision of Goods / Services and/or performance of their obligations under this Contract is entirely at the Contractor's own risk.
- 10.2 Neither NKF nor any of its personnel shall be liable for any direct, indirect and/or consequential damage, loss, expense and/or injury suffered by the Contractor, the Contractor's personnel and/or any other third party, arising out of the Contractor's provision of Goods / Services and/or the Contractor's performance of their obligations under this Contract. For the avoidance of doubt, this exclusion of liability shall apply to and include instances where the Contractor, the Contractor's personnel and/or any other third party contracts an Infectious Disease arising out of the Contractor's provision of Goods / Services and/or the Contractor's performance of their obligations under this Contract.
- 10.3 If, in spite of Clauses 10.1 and 10.2, NKF is held liable by a court of competent jurisdiction, the Contractor acknowledges and agrees that NKF's liability shall in any event be limited to the sum of payments which NKF has made to the Contractor in the six (6) month period preceding the date on which the claim arose or the aggregate amount of S\$100,000 (Singapore Dollars One Hundred Thousand Only), whichever is lesser.

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11. Compliance with law, rules and regulations

- 11.1 The Contractor shall, at its own cost and expense, obtain and maintain all licences, authorisations, permits, and certifications required without any restrictions or qualifications whatsoever so as to enable the Contractor to fulfil all its obligations under this Contract.

12. Delay in delivery or performance

- 12.1 If the Contractor fails to deliver any item of Goods / Services by the date(s) specified in this Contract or otherwise in accordance with the requirements of this Contract, NKF shall, in addition to any other remedies which it may have under this Contract or otherwise, have the right to:

- (a) cancel all or any such items of Goods / Services from this Contract without being liable therefore in damages, obtain them from other sources and deduct all increased costs thereby incurred from any moneys due or to become due to the Contractor or recover such increased costs from the Contractor as damages; or
- (b) deduct from any moneys due or to become due to the Contractor or require the Contractor to pay, as and for liquidated damages a sum to be calculated at the rate of one-half percent (1/2%) of the Contract Price in relation to such Goods / Services that are delayed for each day (including Sundays and Public Holidays) which may elapse between the date of delivery of such Goods / Services specified in this Contract and the actual date of delivery, provided that the maximum liquidated damages payable by the Contractor in respect of all incidents of delay or failure described in this Clause shall not exceed fifteen percent (15%) of the Contract Price. The Contractor agrees that the amount of payable under this Clause 12.1(b) is a genuine pre-estimate of the loss suffered or incurred by NKF and not a penalty.

- 12.2 Notwithstanding Clause 12.1 above, in the event the Contractor fails to comply with its obligations under Clause 4 and such failure has not been remedied to NKF's satisfaction within thirty (30) days of it being called to the Contractor's attention by written notice from NKF, and notwithstanding that the maximum amount of total liquidated damages may have been paid by the Contractor to NKF, NKF shall have the right to terminate this Contract forthwith without compensation and without any liability whatsoever in respect of the Contractor. Clause 9 shall survive any such termination of this Contract by NKF.

13. Remedies for intellectual property infringement

- 13.1 The Contractor shall fully indemnify NKF against any action, claim, demand, cost, charge and expenses arising from or incurred by reason of any infringement or alleged infringement of any intellectual property rights including but not limited to letters patent, registered design, trade mark or trade name by NKF's use or sale of the Goods / Services provided by the Contractor pursuant to the Contract and against all costs incurred thereto.

14. Drawings and technical documents

- 14.1 The Contractor shall furnish free of charge to NKF drawings and technical information as may pertain to the Goods / Services purchased by NKF.

15. Confidentiality

- 15.1 The Contractor shall treat as strictly confidential the business or affairs of NKF obtained in connection with the provision of a quote and/or provision of Goods / Services pursuant to such quote, and the Contractor shall not at any time thereafter make use of or disclose or divulge to any person any such information and shall use its best endeavours to prevent the publication or disclosure of any such information.

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15.2 This Clause 15 shall continue to apply after the expiration or termination of the Contract without limit in time.

16. Personal data

16.1 If, where and when the provision of Goods / Services by the Contractor necessitates the receipt of personal data from NKF, the Contractor represents and warrants that it shall, in addition to its confidentiality obligations under Clause 15 above, comply with the provisions of the Personal Data Protection Act 2012 (and associated regulations) ("**PDPA**") in respect of such personal data.

16.2 In particular, the Contractor agrees and undertakes that when dealing with any personal data received from NKF, it shall:

- (a) only use personal data in accordance with NKF's instructions and the purposes for which the personal data was disclosed;
- (b) protect the personal data in its possession or under its control by making reasonable security arrangements to prevent any accidental loss or unauthorized access, disclosure, destruction, disposal, copying and modification of the personal data;
- (c) put in place adequate measures to ensure that the personal data in its possession or under its control is otherwise accurate and complete. In any case, the Contractor shall take steps to correct any personal data related errors, as soon as practicable upon NKF's written request;
- (d) immediately notify NKF in the event of any known unauthorised, unlawful, and/or unintended use, access, disclosure, alteration, loss, or destruction of personal data received from NKF and cooperate with NKF's requests to investigate and remediate such incidents and provide appropriate response and redress;
- (e) not retain any personal data for any period longer than is necessary for the purposes for which the personal data was disclosed by NKF;
- (f) limit disclosure of such personal data to its employees on a need to know basis and only for the purposes for which such personal data was disclosed by NKF; and
- (g) shall not transfer the personal data outside Singapore, without NKF's prior written consent.

16.3 The Contractor agrees and undertakes to indemnify NKF and its officers, employees and agents against all actions, claims, demands, losses, damages, statutory penalties, expenses and cost (including legal costs on an indemnity basis) in respect of any breach by the Contractor of the provisions of the PDPA and/or of this Clause 16.

16.4 This Clause 16 shall continue to apply after the expiration or termination of the Contract without limit in time.

17. Force Majeure

17.1 Neither party shall be liable for any loss, damage or penalty resulting from delays or failures in performance of their obligations under this Contract if the delay or failure results from events beyond the reasonable control of either Party (each a "**Force Majeure Event**").

17.2 For the purposes of this Contract, force majeure events include, but are not limited to, acts of God, war, hostility, invasion, act of foreign enemies, rebellion, revolution, riots, civil war, disturbances, requisitioning or other acts of civil or military authority, laws, regulations, acts or orders of any governmental authority, body, agency or official, fires, inclement weather, rain or

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floods (however caused), strikes, lock-outs or other labour disputes, embargoes or other catastrophes affecting the availability of materials or labour necessary for the performance of this Contract.

- 17.3 For the avoidance of doubt, the failure to obtain the approval or the withdrawal of approval from the relevant government authorities or other governing bodies shall not be considered a Force Majeure Event and the provisions of this clause shall not apply to such an event.
- 17.4 For the further avoidance of doubt, and due to the nature of NKF's business, the occurrence of an outbreak, epidemic and/or Infectious Disease shall not be considered a Force Majeure Event and the provisions of this clause shall not apply to such an event.
- 17.5 The parties hereto agree to notify the other party promptly of any such circumstances delaying its performance and to resume performance as soon thereafter as is reasonably practicable.
- 17.6 If any Force Majeure Event shall continue for a period exceeding one hundred and twenty (120) days, then either Party may at any time thereafter, upon giving notice to the other, elect to terminate this Contract.
- 17.7 The parties shall for the duration of a Force Majeure Event be relieved of any obligation under this Contract as is affected by the event except that the provisions of this Contract shall remain in force with regard to all other obligations under this Contract which are not affected by the event.

18. Termination

- 18.1 In addition to NKF's rights under Clause 12, NKF shall be entitled to terminate the Contract, giving the Contractor not less than one (1) months' notice in writing and thereupon the Contract shall come to end but without prejudice to any right of action of either party against the other in respect of any antecedent breach of the terms and conditions of the Contract by the other. For the avoidance of doubt, no reason needs to be given for the said notice and any Goods / Services which have been scheduled for performance or delivery after the date of termination shall be deemed to have cancelled without payment due on the part of NKF.
- 18.2 In addition to NKF's rights under Clause 12 and 18.1, NKF may, without prejudice to any other rights it may have, by written notice, forthwith terminate this Contract or suspend the Contractor's performance of all or any of its obligations under it immediately (including, cancelling all or any part of the undelivered portion of the Contract by notice in writing without compensation to the Contractor) and without liability on the part of NKF for any compensation and/or damages and to recover from the Contractor the amount of any damages or losses suffered, if:
- (a) it is established that the Contractor has offered or given or agreed to give any person any gift or consideration of any kind as an inducement or reward for doing or forbearing to do or having done or forborne to do any action to the obtaining or execution of the Contract with NKF or for showing or forbearing to show favour to any person in relation to any other Contract(s) with NKF, or if the like acts shall have been done by any person employed by the Contractor or acting on its behalf (whether with or without the knowledge of the Contractor) or if the Contractor or any person employed by it or acting on its behalf shall have committed any offence under the Penal Code (Cap 224) or the Prevention of Corruption Act (Cap 241) or shall have given any fee or reward the receipt of which is an offence under the said Penal Code or the said Prevention of Corruption Act of the Republic of Singapore;
 - (b) any circumstances arise which give reasonable grounds in NKF's opinion for its belief that the Contractor has obtained any unfair advantage or conducted itself in a way is improper, unfair, unethical, unscrupulous and/or fraudulent in obtaining its Contract with NKF;

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- (c) any circumstances arise which give reasonable grounds in NKF's opinion for its belief that the Contractor has acted in a manner incompatible, inconsistent and/or prejudicial to the image and/or public perception of NKF;
- (d) the Contractor breaches the delivery schedules or any other terms of the Contract or is in breach of any other obligations to NKF;
- (e) any distress or execution shall be levied upon the Contractor's property or assets;
- (f) the Contractor being an individual (or, when the Contractor is a firm, any partner in that firm) shall at any time have any bankruptcy proceedings commenced against him, or a bankruptcy order made against him, or shall have a receiving order made against him or shall make any composition or arrangement with, or for the benefit of his creditors, or shall made any conveyance or assignment for the benefit of his creditors or shall purport to do so; and/or
- (g) the Contractor being a corporation, is wound up (whether voluntarily or otherwise), or an resolution or petition to wind up such corporation's business (other than for the purpose of amalgamation or reconstruction) is passed or presented, or a judicial management order is made against the Contractor or if a Receiver, or a manager on behalf of a creditor, is appointed or if circumstances shall arise which entitle the Court or creditor to appoint a receiver or manager of such corporation's undertaking, property or assets or any part thereof.

In the event of Clauses 18.2(e),(f) and/or (g) above, NKF may also elect to give any such receiver or liquidator or other person the option of carrying out the Contract.

- 18.3 Notwithstanding any confidentiality provisions, NKF further reserves the right to report any matters related to Clauses 18.2(a),(b) and/or (c) above to the Singapore authorities.

19. Notices

- 19.1 Except as otherwise provided in this Contract, notices which are required to be given in or under this Contract shall be in writing (unless expressly stated otherwise) and sent to the address of the recipient set out in this Contract or to the e-mail address of the recipient as notified in writing to the sending party. All notices may be sent by hand or by AR Registered post or certified mail, return receipt requested, postage prepaid and properly addressed to the offices of the parties as specified in this Contract or to such other address as the receiving party may later specify. All notices sent by e-mail must be sent to the e-mail of the recipient as notified to the sending party in writing or to such other e-mail address as the receiving party may later specify.
- 19.2 Every notice or communication so sent shall be deemed to have been properly served and validly made, if by hand when delivered to the recipient's address and if sent by AR Registered post, two (2) days after posting if posted to an address within Singapore and eight (8) days after posting, if posted to an address outside Singapore, notwithstanding the fact that the letter may be returned by the Post Office undelivered. An email is deemed to be received 2 hours after the time sent (as recorded on the device from which the sender sent the email), unless the sender receives an automated message that the email has not been delivered.

20. General

- 20.1 The Contract (including any terms incorporated by reference) constitutes the entire agreement between NKF and the Contractor in relation to the Contractor's quote and subsequent provision of Goods / Services (if any) and supersedes all prior agreements, negotiations and discussions between NKF and the Contractor relating to the same.

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- 20.2 Headings in these ITQ Terms are solely for convenience, and shall have no legal meaning or effect.
- 20.3 An entity who is not a party to the Contract has no right under the Contracts (Rights of Third Parties) Act (Chapter 53B) of Singapore to enforce and/or enjoy the benefit of any provision and/or term of the Contract.
- 20.4 The Contract is governed by and construed in accordance with the laws of the Republic of Singapore. Any dispute concerning the Contract shall be subject to the exclusive jurisdiction of the Courts of Singapore.
- 20.5 If any provision of the Contract is found to be invalid by any court having competent jurisdiction, the invalidity of such provision shall not affect the validity of the remaining provisions of the Contract, which shall remain in full force and effect.
- 20.6 Neither NKF nor the Contractor may transfer, assign, sub-license and/or transfer any of its rights or obligations under the Contract to another party, save with the other party's prior written consent.
- 20.7 Failure or neglect by NKF to enforce at any time any of the provisions in the Contract shall not be construed or deemed to be a waiver of NKF's rights hereunder, nor in any way affect the validity of the whole or any part of the Contract or prejudice NKF's right to take subsequent action.

21. Information Security

- 21.1 NKF regards its systems, applications and all information and data as highly valuable and critical assets to its business that need to be protected appropriately. "Information" include all documents and/or information received from NKF and in any form whether electronic or otherwise, such as:
- (a) Any information in connection with the ITQ, including any specifications, plans, drawings, samples issued by NKF and any documents prepared by the Contractor in connection with the ITQ; and
 - (b) Any other information it may acquire in relation to NKF at any point, as stated in Clause 15.1 of the accompanying ITQ Terms.
- 21.2 Accordingly, the Contractor shall agree to comply with NKF's information security requirements including but not limited to access controls, safeguard and encryption of sensitive and personally identifiable information (PII), sharing them securely and with permitted recipients only, and carrying out security patches promptly for servers or devices holding NKF data.
- 21.3 The Contractor shall also ensure that cybersecurity, incident response, disaster recovery procedures and insurance are put in place where NKF data is withheld by the Contractor.

Accepted By:

Authorised Signature and Date: _____

Signatory's name: _____ Signatory's title: _____

Contractor's name: _____ Contractor's stamp: _____

AGREEMENT TO TERMS AND CONDITIONS

Annex G

INVITATION TO QUOTE FOR THE PROVISION OF CANNISTER, CARDBOARD AND RECYCLING WASTE COLLECTION SERVICES AT NKF DIALYSIS CENTRES FOR A PERIOD OF TWELVE (12) MONTHS

Please indicate clearly below your agreement to each clause of the Terms and Conditions. Where you are not in agreement, you should give your counter-proposal in the "Remarks" column or in a separate sheet to be attached to this form. Where you fail to expressly indicate disagreement against any clause, it shall be deemed that you agree to the same and the Request for Proposal shall be evaluated accordingly.

Title of Document: **ITQ Terms**

S/N	Heading of Clause	Please tick to confirm having read and agreed to the same	Remarks
1	Definitions		
2	Introduction		
3	Orders		
4	Provision and delivery		
5	Inspection, testing and rejection		
6	Prices		
7	Payment		
8	Guarantee		
9	Indemnity		
10	Limitation of liability		
11	Compliance with law, rules and regulations		
12	Delay in delivery or performance		
13	Remedies for intellectual property infringement		
14	Drawings and technical documents		
15	Confidentiality		
16	Personal data		
17	Force Majeure		
18	Termination		
19	Notices		
20	General		
21	Information Security		

Title of Document: **ITQ Terms and Conditions - Termination**

S/N	Heading of Clause	Please tick to confirm having read and agreed to	Remarks
1	Clause 18.2 (b)		
2	Clause 18.2 (c)		

Company's Stamp & Signature:

Declarations:

S/N	Heading of Clause	Please input Yes if comply and No if not comply.	Remarks
1	Meeting relevant regulatory requirements (HSA, BCA, NEA, MOM, FDA, EC, etc) in line with the nature of the supplies		
2	No qualification on auditor's statement on going concern or insolvent as shown in ACRA report		
3	Not under investigation or conviction for bribery or corruption for the last 3 years		
4	Employment practices are in line with local regulations		
5	Should products or services be sourced from overseas, to declare that no knowledge of bribery issues or employment issues at the source countries		
6	Any past rejections by NKF due to poor performance from internal records over 3 years		

Vendor's name: _____ Vendor's stamp: _____

Annex H

ENVIRONMENTAL SOCIAL AND GOVERNANCE (ESG)

S/N	Item Description	Tenderer's Input	Remarks/Comments (if any)
1	Environmental Social and Governance (ESG)		
1.1	Does your company and/or your products/services adopt on ESG framework? Examples of ESG initiatives include efficient resource use, reducing carbon emission and minimising environmental impact.		
1.1.1	If yes, please elaborate your ESG efforts and kindly share any relevant material such as certificates, brochures or reports.		

Authorised Signature: _____ Vendor's Stamp: _____

NKF Vendor Code of Conduct

Annex I

At The National Kidney Foundation (NKF), we are committed to upholding the highest standards of integrity, transparency, and ethical behaviour in all our operations.

This Vendor Code of Conduct outlines the principles and expectations we have for all our vendors, suppliers, and partners. It is designed to ensure that our values are reflected in every aspect of our supply chain and that we work together to promote a culture of respect, and sustainability.

We expect our vendors to adhere to the following guidelines and to conduct their business in a manner that aligns with our commitment to ethical practices, legal compliance, and social responsibility. By working with us, you agree to uphold these standards and contribute to our mission of making a positive impact on the communities we serve.

1.0. Labour and Human Rights

- 1.1. Vendors must not engage in or support the use of forced or involuntary labour.
- 1.2. Vendors must comply with the applicable child labour laws and the minimum age for employment requirements in the country in which they operate.
- 1.3. Vendors must treat their employees with dignity and respect, including prohibiting harassment, abuse or any form of inhumane treatment.

2.0. Workplace, Safety and Health (WSH)

- 2.1. Vendors must ensure that employees can work in a safe and healthy environment, including adopting measures to prevent workplace accidents and injuries.

3.0. Protection of Personal Data

- 3.1. Vendors are expected to comply with all data security and data protection laws and legislation of the Republic of Singapore and/or the countries in which they operate.

4.0. Anti-Corruption & Anti-Bribery

- 4.1. NKF has zero-tolerance for any form of corruption or bribery and is committed to conducting business fairly and ethically.
- 4.2. Vendors must disclose any actual or potential conflict of interest as soon as they arise.
- 4.3. Vendors are prohibited from offering anything of value to NKF or any external parties for the purpose of directly or indirectly advancing their business interests with NKF.
- 4.4. Vendors must comply with all requirements on applicable laws and regulations for anti-corruption, anti-bribery and fraud in the country in which they operate.

5.0. Anti-Money Laundering & Counter Terrorist Financing

- 5.1. Vendors are not to engage or attempt to engage in any transaction involving proceeds derived from unlawful activities and/or dealings with individuals/entities who are the subject of international sanctions.
- 5.2. Vendors must comply with all applicable Anti-Money Laundering (AML) and Terrorist-Financing (TF) laws of the Republic of Singapore and/or the countries in which they operate.

6.0. Commitment to Sustainability Efforts

- 6.1. Vendors should strive to use resources efficiently, reduce carbon emissions and minimise environmental impact.
- 6.2. Vendors must comply with the applicable environmental laws, regulations and standards in the countries in which they operate.

Company's Stamp & Signature:

Version: 1 Feb 2025

Page 1 of 1

SAFETY DATA SHEET

It is issued according to 1907/2006 EC (REACH), Annex II - 1272/2008 CLP; 453/2010' and the "Regulation on Safety Data Sheets Regarding Hazardous Substances and Mixtures" (dated 13.12.2014 and numbered 29204).

DIASOL ACIDIC BICARBONATE CONCENTRATE HEMODIALYSIS SOLUTION

Date of Preparation: 08.02.2022 **Version:** 1
Updated on: - **MSDS No:** GBF-SHA-0001261
Release Date: 09.02.2022 **Page:** 1 / 8

1. IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE PRODUCT AND THE COMPANY

1.1 Information About the Substance

Product Identifier: DIASOL ACIDIC BICARBONATE CONCENTRATE HEMODIALYSIS SOLUTION

1.2 Product Use

An ingredient used in the preparation of hemodialysis fluid

1.3 Company Introduction

Company Name: FARMASOL TIBBİ ÜRÜNLER SANAYİ VE TİCARET A.Ş.
Address: ORGANİZE SANAYİ BÖLGESİ 18.CADDE NO:7 MELİKGAZİ/KAYSERİ
Telephone: +90 352 321 33 33

1.4 Providing Information About The Safety Data Sheet

Mükremin KARACA – FARMASOL - info@farmasol.com.tr- +90 352 321 33 33

1.5 Information in Emergency Situations

Company Emergency Advisory : +90 352 321 33 33
Emergency First Aid Center : 112
National Poison Information Centre : 114
Fire : 110



2. HAZARD IDENTIFICATION

2.1 Classification of the Substance or Mixture

Hazardous classes and category codes according to EC 1272/2008 (CLP):

No data available.

2.2 Labeling

2.2.1 Labeling pursuant to SEA and CLP

2.2.1.1 Hazard Pictograms

No data available.

2.2.1.2 Detriment expressions and Hazard warnings

No data available.

2.2.1.3 Precautionary Statements

P102 Keep out of reach of children.
P234 Keep only in original container.
P402+P404 Store in dry area. Store in a closed container.
P501 Dispose of contents / container.

2.3 Other Hazards

There is no known hazard other than the one listed in the labeling section.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Ingredient Name	%	CAS No	EC No	Hazard classification
Sodium chloride	<28	7647-14-5	231-598-3	According to the majority of notifications provided by companies to ECHA in CLP notifications no hazards have been classified.
Glucose	<9	50-99-7	200-075-1	According to the majority of notifications provided by companies to ECHA in CLP notifications no hazards have been classified.
Potassium chloride	<1.2	7447-40-7	231-211-8	According to the majority of notifications provided

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				by companies to ECHA in CLP notifications no hazards have been classified.
Calcium chloride	<1.2	10043-52-4	233-140-8	Eye Irrit. 2; H319
Acetic acid	<1.1	64-19-7	200-580-7	Flam. Liq. 3; H226 Skin Corr. 1A; H314 <u>Specific Concentration limits, M-Factors, Acute Toxicity Estimates (ATE)</u> Eye Irrit. 2; H319: 10 % ≤ C < 25 % Skin Corr. 1A; H314: C ≥ 90 % Skin Corr. 1B; H314: 25 % ≤ C < 90 % Skin Irrit. 2; H315: 10 % ≤ C < 25 %
Magnesium chloride	<0.8	7791-18-6	232-094-6	There is no harmonised classification and there are no notified hazards by manufacturers, importers or downstream users for this substance.

* The classification of this chemical substance has been made by the manufacturer.

4. FIRST AID MEASURES

4.1 First Aid Measures

4.1.1 General Warnings: Liquid and mist are corrosive and can cause burns, direct contact could cause irreversible damage to eyes including blindness and/or irreversible destruction of skin tissue. Vapor/mist will irritate the nose, throat and lungs, but will usually subside when exposure ceases. The severity of the effects depends in the concentration and dose.

4.1.2 Inhalation: IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. If not breathing, give artificial respiration. Consult a physician if necessary.

4.1.3 Contact with skin: Wash off immediately with plenty of water for at least 15 minutes. Remove contaminated clothing and shoes. Seek immediate medical attention/advice.

4.1.4 Contact with eye: In case of eye contact, remove contact lenses and rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. See a medical doctor or ophthalmologist immediately.

4.1.5 Ingestion: Do NOT induce vomiting. Clean mouth with water and afterwards drink plenty of water. Never give anything by mouth to an unconscious person.

Long-term effects: No data available.

4.2 Most important symptoms / effects, acute & delayed:

See Section 11.

4.3 Symptoms requiring medical emergency and special treatment

No data available.

5. FIRE FIGHTING MEASURES

5.1 Suitable Extinguishers

Adapt firefighting measures to the environment.

5.2 Unsuitable Extinguishers

No data available.

SAFETY DATA SHEET

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5.3 Hazardous Decomposition / Combustion Products

No data available.

5.4 Personal Protection Initiative and Personal Protective Equipment for Firefighters

In case of fire wear protective equipment and MSHA / NIOSH approved respiratory protection apparatus recommended for fire-fighters.

5.5 Other Information

Avoid breathing gases that are released during the fire, which can be harmful to health.

Evacuate the staff chemical where the danger is inaccessible.

Cool the packages in the fire area and drain them safely.

Avoid polluting the environment by using more fire extinguishers than necessary.

Fire fighting residues should not be allowed to reach sewage and groundwater.

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal Measures, Protective Equipment and Emergency Procedures

Wear protective equipment. Keep away from ignition sources. Do not breathe fumes/vapor. Avoid contact with skin and eyes. Exposure controls and personal protective measures as described in section 8. Provide adequate ventilation. Do not bring unprotected persons closer.

6.2 Environmental Measures

Unsuitable discharge into the environment can cause soil and water contamination. Do not mix with sewerage / surface water / underground water. Inform authorities in case of water or sewer disposal.

6.3 Methods and items related to restraint and cleaning

Comply with local regulations. Collect harmful material with appropriate liquid binding material (e.g. sand, earth, vermiculite). Place it in an appropriate container and dispose of it according to the 13th division.

6.4 Additional Warnings

Information related to safe use is available in Section 7.

Information related to personal protective equipment is available in Section 8.

Information related to disposal is available in Section 13.

7. HANDLING AND STORAGE

7.1 Use / Handling

In accordance with the provisions of the "Regulation on Health and Safety Precautions in Chemical Matters and Procedures" published in the Official Gazette dated 26/12/2003 and numbered 25328 concerning the measures to be taken in the works and workplaces that are working with hazardous chemicals, in order to protect health, safety and environment, care should be taken to ensure that the work procedures in the workplace are planned and that organizational measures are taken.

Technical Measures

Do not store near food, drinks, medicines, cosmetics or fertilizers.

Keep away from children.

Measures for the environment

Prevent mixing into sewer / surface water / groundwater. Notify authorities and inform authorities if water or sewerage is involved.

Custom Rules for Manual Handling

Prevent direct contact with the substance. Do not smoke.

Warnings for protection against fire and explosion

Avoid open flames, direct sunlight and other sources of ignition-No smoking.

Use explosion-proof equipment.

Protect against electrostatic charges.

Additional information

You take precautions to avoid damage to the original packaging.

7.2 Storage

Requirements for storage rooms and containers Store in accordance with current national regulations.

Keep only in its original packaging.

Store in a cool and dry place in well-closed containers.

It should be stored at room temperature below 30 °C, protected from light.

Advice on storage together Keep separate from foodstuffs.

Store away from heat and direct sunlight.

Other information on storage conditions Keep container tightly closed.

Keep away from ignition sources.

It should be used within two years from the date of manufacture.

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A maximum of two drums should be stacked on top of each other.

7.3. Specific end use(s)

No data available.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control Parameters

No data available.

8.2 Exposure Controls

Exposure Limit Values:

No data available.

Exposure Controls:

Occupational Exposure Controls: Equipment to be used where personal protection is required and appropriate protection methods are defined in accordance with "Personal Protective Equipment Regulation" dated 9.2.2004 and numbered 25368. Make sure that personal protective equipment is used in accordance with applicable regulations.

8.2.1 Personal Protection Measures

8.2.1.1 Respiration: Not required, but can be used as needed

8.2.1.2 Hand protection: The glove material must be impermeable and durable in relation to the product / material / preparation.

It is necessary to consider the puncture times, permeability rates and deterioration in the selection of materials used for the manufacture of gloves.

glove material the selection of the appropriate glove should take into account not only the material of manufacture, but also other quality characteristics, and these vary from manufacturer to manufacturer. Since each product consists of a combination of many materials, the durability of the gloves cannot be calculated in advance and therefore each glove must be checked before use.

Penetration time of glove material the exact break through (abrasion) time must be learned from the glove manufacturer and must be observed. The following data are valid for saturated solutions of salts and 10% acetic acid, respectively.

8.2.1.3 Eye protection: Use eye protection against the risk of eye contact. Use goggles with side shields. Have an eye wash.

8.2.1.4 Skin protection: Wear long sleeves

8.2.2 Environmental exposure controls

To avoid effects on people and the environment, work in accordance with the instructions.

8.3 Other Information

See chapters 6, 7, 12, 13.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance	Liquid
Color	Clear
Odor	Acetic acid
Odor Threshold	No data available.
pH	~2
Density	~1.2 g/cm ³

9.2 Other Information

No data available.

10. STABILITY AND REACTIVITY

10.1 Reactivity

No data available.

10.2 Chemical Stability

Stable under normal handling and storage conditions.

10.3 Possibility of Hazardous Reactions

Dissolved salts in the hemodialysis concentrate A component may precipitate at around 0 °C. Due to its acidic properties, Hemodialysis concentrate A-component can lead to the formation of toxic chlorine gas if mixed with sodium hypochlorite (bleach)

10.4 Conditions to Avoid

SAFETY DATA SHEET

It is issued according to 1907/2006 EC (REACH), Annex II - 1272/2008 CLP; 453/2010' and the "Regulation on Safety Data Sheets Regarding Hazardous Substances and Mixtures" (dated 13.12.2014 and numbered 29204).

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No data available.

10.5 Incompatible Materials

No data available.

10.6 Hazardous Decomposition Products

No data available.

11. TOXICOLOGICAL INFORMATION

11.1 Acute Toxicity

No data available.

11.2 Effect of Abrasion and Irritation (Corrosivity and Irritation)

Skin corrosion / irritation No data available.
Serious eye damage / irritation No data available.
Respiratory or skin sensitization No data available.

11.3 Chronic Toxicity (Toxic Effect on Carcinogenic, Mutagenic and Reproductive)

Carcinogenicity	No data available.
Mutagenic Effect	No data available.
Reproductive toxicity	No data available.

11.4 Other Toxicological Effects

No data available.

12. ECOLOGICAL INFORMATION

12.1 Ecotoxicity

No data available.

12.2 Persistence and Degradability

No data available.

12.3 Bioaccumulative Potential

No data available.

12.4 Mobility in soil

No data available.

12.5 Results of PBT and vPVB evaluation

No data available.

12.6 Other Inverse

Do not allow its release to the environment. Please see sections 6, 7, 13, 14 and 15 for information on measures against accidental release to the environment, transport., and waste disposal

13. DISPOSAL CONSIDERATIONS

13.1 Suggestion for Product Disposal

- Dispose of the absorbed material by burning it in an appropriate facility with a license.
- Waste and used packaging should be disposed of in accordance with official regulations.
- Prevent surface and underground waters, sources of drinking water, standing and running water from mixing with sewer.

13.2 Safe Disposal

- The product must be disposed of in accordance with official regulations.
- Do not allow the product to be disposed of with household garbage.
- It is strictly forbidden to mix the product with sewerage and groundwater.
- Inform the authorities in such cases.

13.3 European Waste Catalog and Hazardous Waste List Number

- Identification of waste identification numbers / waste definitions should be made according to the EWC as specific to industry and processes.

13.4 Uncleaned Packages

- RECOMMENDATION: It is suggested to dispose in accordance with official regulations.

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13.5 Recommended Cleansing Material:

· Deliver the used packaging to institutions or organizations that provide professional waste disposal services.

13.6 Additional Information:

- See national and international legislation on waste.
- Do not dispose of the product without checking the waste regulations.
- For safe handling methods, see Chapter 7.

14. TRANSPORT INFORMATION

14.1 UN number

ADR/RID, IMDG, IATA

The product is classified as non-hazardous substance according to national/international regulation.

14.2 Proper UN transport name

ADR/RID, IMDG, IATA

The product is classified as non-hazardous substance according to national/international regulation.

14.3 Transport hazard class (es)

ADR/RID, IMDG, IATA

The product is classified as non-hazardous substance according to national/international regulation.

14.4 Packaging group

ADR/RID, IMDG, IATA

The product is classified as non-hazardous substance according to national/international regulation.

14.5 Environmental hazards

Marine pollutant

No data available.

14.6 Special precautions for the user

See chapter 6., 7. And 8.

14.7 Transportation in bulk according to MARPOL 73/78 and IBC code

Not applicable

15. REGULATORY INFORMATION

15.1 Safety, Health and Environment Legislation for the Substance or Mixture

See Section 2 for information on classification and labeling.

Regulation on Classification, Labeling and Packaging of Substances and Mixtures

Regulation on Safety Data Sheets Regarding Hazardous Substances and Mixtures

Regulation on Limitations Related to the Production, Placing on the Market and Use of Some Hazardous Substances, Preparations and Goods

Regulation on Occupational Health and Safety

Regulation of Health and Safety Measures for the Works with Carcinogenic and Mutagen Substances

Regulation of Health and Safety Measures for the Works with Chemical Substances

Regulation on the Use of Personal Protective Equipment at the Workplaces

Regulation on Controlling the Hazardous Wastes

15.2 Chemical Security Assessment

There is no chemical security assessment available.

16. OTHER INFORMATION

16.1 Related H-phrases (Section 3)

- | | |
|------|---|
| H226 | Flammable liquid and vapour. |
| H314 | Causes severe skin burns and eye damage |
| H315 | Causes skin irritation. |
| H319 | Causes serious eye irritation |

16.2 Prepared for the Safety Data Sheet/Edited by/Published

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16.2.1 Contact

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16.3 Issue Date

09.02.2022

16.4 Regulation No

1

16.5 Safety Data Sheet No

GBF-SHA-001262

16.6 Other Matters

- Please contact with our sales department for our training recommendations related to the safe use of the product.
- Please contact with our sales department for recommended limitations and recommendations, which are not legally obligated, related to the use of the product.
- This MSDS is based on information and documents received from the manufacturer. As these information and documents are incomplete or inaccurate, the MSDS preparer cannot be held responsible for the erroneous regulation of the prepared MSDS and therefore for the material damages and non-pecuniary damages that the product owner will face.
- Key information sources used for issuing this safety data sheet;
 - ❖ "Regulation on Preparation and Distribution of Safety Data Sheets Related to Hazardous Substances and Preparations" and annexes thereof,
 - ❖ "Regulation on Safety Data Sheets Regarding Hazardous Substances and Mixtures" and annexes thereof,
 - ❖ UN ADR, IMDG, IATA lists, ECHA and relevant EU directives,
 - ❖ Other supplementary resources.

16.7 Additional Information

- The information provided in this Safety Data Sheet is prepared based on our best experience, knowledge and belief as of the date the information is prepared. The information given is designed for providing a guidance on safe handling, use, processing, storage, transportation, destruction and disposal.
- Unless otherwise stated in the document, this information only applies for the given substance and might not be valid if this substance is used with other substances or used in any other process.
- Please take the information provided in the Safety Data Sheet into account for use.
- This information is based on our existing knowledge.
- This Safety Data Sheet defines the product according to the suitable safety regulations, but does not guarantee the assurance of product specifications.
- It does not constitute any kind of guarantee and does not establish a legally valid agreement related to the product specifications.

16.8 Abbreviations

CAS No	Chemical Abstract Service Number
CERCLA	Comprehensive Environmental Response, Compensation And Liability Act
CFR	Code Of Federal Regulation
DOT	U.S. Department Of Transportation
EC	Exposure Concentration
E.I.N.E.C.S.	European Inventory Of Existing Commercial Chemical Substances
HMIS	Hazardous Material Information System
IARC	International Agency For Research On Cancer
LD50	(Lethal Dose 50) Is The Dose Of Chemical, Which Kills 50% Of A Sample Population
NFPA	The International Fire Protection Association
NIOSH	National Institute For Occupational Safety And Health
NTP	National Toxicology Program
OSHA	Occupational Safety And Health Administration
PEL	Permissible Exposure Limit
SARA	Superfund Amendments And Reauthorization Act

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TDG	Transportation Of Dangerous Goods
TLV	Threshold Limit Value
TSCA	Toxic Substances Control Act
TWA	Time Weight Average (8 Hour)
WHMIS	Workplace Hazardous Material Information System

Haemodialysis Concentrate (NKFS-0x)



Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878
Issue date: 2/1/2023 Supersedes: 2/5/2018 Version: 2.0
SDS No: 00056-0373

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product form : Mixture
Product name : Haemodialysis Concentrate (NKFS-0x)

1.2. Relevant identified uses of the substance or mixture and uses advised against

1.2.1. Relevant identified uses

Use of the substance/mixture : Acidic bicarbonate haemodialysis concentrate for preparation of ready-to-use solutions

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

Manufacturer

B. Braun Medical Industries Sdn. Bhd.
Bayan Lepas Free Industrial Zone
MAL-11900 Penang
Malaysia
T +60 (0) 4 / 632 3100
dialysis@bbraun.com

Supplier

B. Braun Avitum AG
Schwarzenberger Weg 73 - 79
D-34212 Melsungen
Germany
T +49 (0) 5661 / 71-4422
productsafety@bbraun.com

E-mail address of competent person responsible for the SDS: sds@gbk-ingelheim.de

1.4. Emergency telephone number

Emergency number : INTERNATIONAL: +49 (0) 6132 / 84463 (GBK GmbH, Ingelheim)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Not classified

Adverse physicochemical, human health and environmental effects

No additional information available

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

No labelling applicable

2.3. Other hazards

This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII
This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII
Contains no PBT/vPvB substances $\geq 0.1\%$ assessed in accordance with REACH Annex XIII

The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

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3.2. Mixtures

Chemical characterization : Acidic concentrate

This mixture does not contain any substances to be mentioned according to the criteria of section 3.2 of REACH Annex II

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures after skin contact : Wash hands with water as a precaution.

First-aid measures after eye contact : Rinse immediately with plenty of water, also under the eyelids. If eye irritation persists: Get medical advice/attention.

First-aid measures after ingestion : Rinse mouth. Drink plenty of water. If you feel unwell, seek medical advice.

4.2. Most important symptoms and effects, both acute and delayed

Symptoms/effects : When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.

4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media : All extinguishing media allowed. Product does not burn, fire-extinguishing activities according to surrounding.

5.2. Special hazards arising from the substance or mixture

Fire hazard : Product itself does not burn.

Explosion hazard : Product is not explosive.

Hazardous decomposition products in case of fire : No additional information available.

5.3. Advice for firefighters

Precautionary measures fire : Cool endangered containers with water spray jet.

Firefighting instructions : Fight fire from safe distance and protected location.

Protection during firefighting : No special protection required.

Other information : Fire residues and contaminated firefighting water must be disposed of in accordance with the local regulations.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures : No specific measures are necessary.

6.1.1. For non-emergency personnel

No additional information available

6.1.2. For emergency responders

No additional information available

6.2. Environmental precautions

No special environmental precautions required.

6.3. Methods and material for containment and cleaning up

For containment : Dike and contain spill.

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Methods for cleaning up : Dilute with water.

6.4. Reference to other sections

Refer to protective measures listed in sections 7 and 8. For disposal of residues refer to section 13 : Disposal considerations" "

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Avoid contact with eyes.
Hygiene measures : Do not eat, drink or smoke when using this product. Avoid contact with eyes. Protective clothing not absolutely necessary.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Store at room temperature. Store in original container. Keep container tightly closed.

7.3. Specific end use(s)

See Section 1.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1 National occupational exposure and biological limit values

No additional information available

8.1.2. Recommended monitoring procedures

Monitoring methods	
Monitoring methods	A specific exposure sampling method is not available.
Biological monitoring methods	A specific exposure sampling method is not available

8.1.3. Air contaminants formed

No additional information available

8.1.4. DNEL and PNEC

No additional information available

8.1.5. Control banding

No additional information available

8.2. Exposure controls

8.2.1. Appropriate engineering controls

No additional information available

8.2.2. Personal protection equipment

8.2.2.1. Eye and face protection

Eye protection:

Not required for normal conditions of use

8.2.2.2. Skin protection

Skin and body protection:

Not required for normal conditions of use

Hand protection:

Not required for normal conditions of use

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8.2.2.3. Respiratory protection

Respiratory protection:

Not required for normal conditions of use

8.2.2.4. Thermal hazards

No additional information available

8.2.3. Environmental exposure controls

No additional information available

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Colour	: Colourless.
Odour	: characteristic.
Odour threshold	: Not available
Melting point	: Not available
Freezing point	: Not available
Boiling point	: > 100 °C
Flammability (solid, gas)	: Not available
Explosive properties	: Product is not explosive.
Oxidising properties	: Not oxidising.
Explosive limits	: Not available
Lower explosive limit (LEL)	: Not applicable
Upper explosive limit (UEL)	: Not applicable
Flash point	: Not applicable
Auto-ignition temperature	: Not applicable
Decomposition temperature	: Not available
pH	: 2 – 2.5 (20 °C)
Viscosity, kinematic	: Not available
Solubility	: Water: (20 °C), Miscible
Partition coefficient n-octanol/water (Log Kow)	: Not available
Vapour pressure	: Not available
Vapour pressure at 50°C	: Not available
Density	: 1.1 – 1.2 g/cm ³ (20 °C)
Relative density	: Not available
Relative vapour density at 20°C	: Not available
Particle characteristics	: Not applicable

9.2. Other information

9.2.1. Information with regard to physical hazard classes

No additional information available

9.2.2. Other safety characteristics

VOC content : 0 %

SECTION 10: Stability and reactivity

10.1. Reactivity

No decomposition if stored and applied as directed.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known.

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10.4. Conditions to avoid

No data available.

10.5. Incompatible materials

No data available.

10.6. Hazardous decomposition products

No hazardous decomposition products known.

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity (oral)	: Not classified (Based on available data, the classification criteria are not met)
Acute toxicity (dermal)	: Not classified (Based on available data, the classification criteria are not met)
Acute toxicity (inhalation)	: Not classified (Based on available data, the classification criteria are not met)
Skin corrosion/irritation	: Not classified (Based on available data, the classification criteria are not met) pH: 2 – 2.5 (20 °C)
Serious eye damage/irritation	: Not classified (Based on available data, the classification criteria are not met) pH: 2 – 2.5 (20 °C)
Respiratory or skin sensitisation	: Not classified (Based on available data, the classification criteria are not met)
Germ cell mutagenicity	: Not classified (Based on available data, the classification criteria are not met)
Carcinogenicity	: Not classified (Based on available data, the classification criteria are not met)
Reproductive toxicity	: Not classified (Based on available data, the classification criteria are not met)
STOT-single exposure	: Not classified (Based on available data, the classification criteria are not met)
STOT-repeated exposure	: Not classified (Based on available data, the classification criteria are not met)
Aspiration hazard	: Not classified (Based on available data, the classification criteria are not met)

11.2. Information on other hazards

11.2.1. Endocrine disrupting properties

Adverse health effects caused by endocrine disrupting properties	: The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %
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11.2.2. Other information

Other information	: If appropriately handled and if in accordance with the general hygienic rules, no damages to health have become known.
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SECTION 12: Ecological information

12.1. Toxicity

Hazardous to the aquatic environment, short-term (acute)	: Not classified (Based on available data, the classification criteria are not met)
Hazardous to the aquatic environment, long-term (chronic)	: Not classified (Based on available data, the classification criteria are not met)

12.2. Persistence and degradability

Haemodialysis Concentrate (NKFS-0x)	
Persistence and degradability	No data available.

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12.3. Bioaccumulative potential

Haemodialysis Concentrate (NKFS-0x)

Bioaccumulative potential	No data available.
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12.4. Mobility in soil

Haemodialysis Concentrate (NKFS-0x)

Ecology - soil	No data available.
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12.5. Results of PBT and vPvB assessment

Haemodialysis Concentrate (NKFS-0x)

This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII

This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

12.6. Endocrine disrupting properties

Adverse effects on the environment caused by endocrine disrupting properties

: The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %.

12.7. Other adverse effects

Additional information

: No ecotoxicological data about this product are known

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Product/Packaging disposal recommendations

: Depending on the local regulations it may be disposed of as solid waste or incinerated in a suitable installation. Empty containers should be taken for local recycling, recovery or waste disposal. Contaminated packaging should be emptied as far as possible and after appropriate cleansing may be taken for reuse. Packaging that cannot be cleaned should be disposed of like the product.

SECTION 14: Transport information

In accordance with ADR / IMDG / IATA / ADN / RID

ADR	IMDG	IATA	ADN	RID
14.1. UN number or ID number				
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
14.2. UN proper shipping name				
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
14.3. Transport hazard class(es)				
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
14.4. Packing group				
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated

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ADR	IMDG	IATA	ADN	RID
14.5. Environmental hazards				
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
No supplementary information available				

14.6. Special precautions for user

Overland transport

Not regulated

Transport by sea

Not regulated

Air transport

Not regulated

Inland waterway transport

Not regulated

Rail transport

Not regulated

14.7. Maritime transport in bulk according to IMO instruments

Not applicable

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

15.1.1. EU-Regulations

REACH Annex XVII (Restriction List)

Contains no substance(s) listed on REACH Annex XVII (Restriction Conditions)

REACH Annex XIV (Authorisation List)

Contains no substance(s) listed on REACH Annex XIV (Authorisation List)

REACH Candidate List (SVHC)

Contains no substance(s) listed on the REACH Candidate List

PIC Regulation (Prior Informed Consent)

Contains no substance(s) listed on the PIC list (Regulation EU 649/2012 concerning the export and import of hazardous chemicals)

POP Regulation (Persistent Organic Pollutants)

Contains no substance(s) listed on the POP list (Regulation EU 2019/1021 on persistent organic pollutants)

Ozone Regulation (1005/2009)

Contains no substance(s) listed on the Ozone Depletion list (Regulation EU 1005/2009 on substances that deplete the ozone layer)

VOC Directive (2004/42)

VOC content : 0 %

Explosives Precursors Regulation (2019/1148)

Contains no substance(s) listed on the Explosives Precursors list (Regulation EU 2019/1148 on the marketing and use of explosives precursors)

Drug Precursors Regulation (273/2004)

Contains no substance(s) listed on the Drug Precursors list (Regulation EC 273/2004 on the manufacture and the placing on market of certain substances used in the illicit manufacture of narcotic drugs and psychotropic substances)

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15.1.2. National regulations

No additional information available

15.2. Chemical safety assessment

No additional information available

SECTION 16: Other information

Abbreviations and acronyms:

IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods
MARPOL 73/78	MARPOL 73/78: International Convention for the Prevention of Pollution From Ships
PBT	Persistent Bioaccumulative Toxic
TDG	Transportation of Dangerous Goods
vPvB	Very Persistent and Very Bioaccumulative
CAS	CAS (Chemical Abstracts Service) number

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should therefore not be construed as guaranteeing any specific property of the product.