NATIONAL STOCK CODE - NAPPI® CODE MAPPING FILE LAYOUT V1.00(EXTERNAL)

CONTENTS

1 INTRODUCTION

1.1 NAPPI® as a standard

MediKredit Integrated Healthcare Solutions (Pty) Limited ("MediKredit") has over the years undertaken to facilitate the adoption of NAPPI (National Pharmaceutical Product Interface) as a national standard. NAPPI is a trademark registered in the name of MediKredit. A NAPPI code is a unique identifier for a given product and does not serve as an endorsement or accreditation of the said product by MediKredit. MediKredit as an independent player in the healthcare industry, which is not owned by either providers or funders of healthcare, is responsible for the management and maintenance of the consolidated NAPPI file subject to the governing authority of the NAPPI Advisory Board (NAB). The standard for electronic information exchange in the healthcare industry are tariff codes for procedure and consultation claims and NAPPI codes for surgical products, ethical products and consumables. MediKredit is responsible for the day to day management of the NAPPI file and to make it available in the public domain. The public domain file has been available free of charge since inception of NAPPI as a coding standard and will continue to be made available on MediKredit's website **www.medikredit.co.za**. Public domain information on each product includes NAPPI code, product description, strength, pack size and manufacturer. Policies regarding the allocation of NAPPI codes and standards are established by NAB, e.g. decisions regarding units of measure, parallel imported products, etc.

1.2 General

Take note that whilst every effort has been made to ensure that the information published in this work is accurate, the publisher takes no responsibility for any loss or damage suffered by any person as a result of the reliance upon the information contained therein.

1.3 Public Domain (Only available in the South African Market)

The information on the MediKredit website is available to the public free of charge.
The linking of the National Stock Codes to NAPPI Codes is provided on the MediKredit website.

2 FILE STRUCTURE

2.1 Standardized File Layout

Record 1:	Stock NAPPI File Header Record	300
Record 2:	Stock Code Detail Record	301
Record 3:	Linked NAPPI Detail Record	302
Record 4:	Stock NAPPI File Trailer Record	399

3 DATA FORMAT STANDARDS

3.1 Date Fields

All composite dates are formatted CCYYMMDD: other date fields are formatted as specifically indicated.

3.2 Numeric Fields

All numeric fields are unsigned
All numeric fields are right justified and zero filled
Unused fields are zero filled

3.3 Alphanumeric Fields

All Alphanumeric fields are left justified and space filled.
Unused fields are space filled.

3.4 File Naming convention

The Nation Stock Code NAPPI Code Mapping file naming convention is PUBSTK*CCYYMMDD* where CCYYMMDD is the date on which the National Stock Code NAPPI Code Mapping file is created.

4   DETAILED FILE LAYOUT

RECORD 1

4.1   Stock NAPPI File Header Record

NBR	FIELD NAME	LEN	TYP	DEC	REMARKS	START POS	END POS
1	Sequence Number	7	N	0	Note 5.1	1	7
2	Record Type Identifier	3	N	0	"300" ; Note 5.2	8	10
3	File Name	30	A		"Stock NAPPI file"; Note 5.3	11	40
4	Stock NAPPI mapping File Version	4	A		"1.00"	41	44
5	Run Number	5	N	0	Note 5.4	45	49
6	Run Date	8	N	0	Note 5.5	50	57
7	Run Time	6	N	0	HHMMSS; 24-hour clock	58	63
8	Filler	193	A		Spaces	64	256
		256					

RECORD 2

4.2 Stock Code Detail Record

NBR	FIELD NAME	LEN	TYP	DEC	REMARKS	START POS	END POS
1	Sequence Number	7	N	0	Note 5.1	1	7
2	Record Type Identifier	3	N	0	"301" ; Note 5.2	8	10
3	Product Class	2	A		Note 5.6	11	12
4	National Stock Code	20	A		Note 5.7	13	32
5	National Stock Code Description	160	A		Note 5.8	33	192
6	National Stock Code effective date	8	N	0	CCYYMMDD; Note 5.9	193	200
7	National Stock Code termination date	8	N	0	CCYYMMDD; Note 5.9	201	208
8	Number of linked NAPPI codes	3	N	0	The number of "302" records to follow.	209	211
9	Filler	45	A		Spaces	212	256
		256					

RECORD 3

4.3   Linked NAPPI Detail Record

NBR	FIELD NAME	LEN	TYP	DEC	REMARKS	START POS	END POS
1	Sequence Number	7	N	0	Note 5.1	1	7
2	Record Type Identifier	3	N	0	"302" ; Note 5.2	8	10
3	National Stock Code	20	A		Note 5.7	11	30
4	National Stock Code effective date	8	N	0	CCYYMMDD; Note 5.9	31	38
5	National Stock Code termination date	8	N	0	CCYYMMDD; Note 5.9	39	46
6	NAPPI Code	6	N	0	Note 5.10	47	52
7	Product Name	60	A		Note 5.11	53	112
8	Product Strength	15	A		Note 5.12	113	127
9	Product Form	5	A		Note 5.13	128	132
10	Product Form Description	30	A		Note 5.13	133	162
11	Link effective date	8	N	0	CCYYMMDD; Note 5.14	163	170
12	Link termination date	8	N	0	CCYYMMDD; Note 5.14	171	178
13	Filler	78	A		Spaces	179	256
		256					

RECORD 4

4.4   Stock NAPPI File Trailer Record

NBR	FIELD NAME	LEN	TYP	DEC	REMARKS	START POS	END POS
1	Sequence Number	7	N	0	Note 5.1	1	7
2	Record Type Identifier	3	N	0	"399" ; Note 5.2	8	10
3	Number of Type 301 Records	6	N	0	Stock code Records	11	16
4	Number of Type 302 Records	6	N	0	Linked NAPPI Records	17	22
5	Total Number of Records	6	N	0	Note 5.15	23	28
6	Filler	228	A		Spaces	29	256
		256					

5 EXPLANATORY NOTES

5.1 Sequence Number

Every record on the file, regardless of record-type, contains a sequential number, the number of the first record on the file being 0000001. Thus the sequence number allocated to any record on the file will be unique for that file.

5.2 Record Type Identifier

Each record type found on the file is identified by a unique Record Type Identifier which is a 3-digit numeric occupying the second field on each record:

RECORD TYPE

Stock NAPPI File Header Record	"300"
Stock Detail Record	"301"
Linked NAPPI Detail Record	"302"
Stock NAPPI File Trailer Record	"399"

5.3 File Name

The following text is inserted into this field:

"STOCK NAPPI FILE"

5.4 Run Number

A system-generated sequential computer-run-number for internal MediKredit use.

5.5 Run Date

An internal, system-generated date which can be used to ascertain the date of transfer of the data from the MediKredit computer system, and which can hence be used by subscribers as an update control parameter. The date format is CCYYMMDD.

5.6 Product Class

E = Non-Surgical Products
S = Surgical Products

5.7 National Stock Code

The National Stock code as supplied by the Department of Health.

5.8 National Stock Code Description

The Nation Stock Code description. The AIN supplied by the Department of Health.

5.9 National Stock Code Dates

The National Stock Code effective and termination dates which defines the period for which the National Stock code is valid for that description.

5.10   NAPPI Product Code

The NAPPI (National Pharmaceutical Product Interface) code is a product identifier code for all surgical medical appliances and consumables, pharmaceutical and medicinal products as maintained by MediKredit.

6-digit NAPPI code

The NAPPI code comprises of a six-digit numeric code. The NAPPI code is unique for a given product in a given strength and form but does not indicate any specific quantity or pack size of the product. Thus all pack sizes of a specific product would carry the same code.

5.11   Product Name

The Product Name is the brand name of the specific medicinal, pharmaceutical or surgical product. Insofar as reasonably possible, the product name is usually reproduced in the exact manner used by the product source with respect to spaces, hyphens and numerals, etc. However, where the brand name does not allow for easy identification of the product, additional information may be recorded for this product e.g. strength.

For surgical products, medical devices and consumables the source\supplier's unique product identifier codes i.e. catalogue number are used as part of the description for product identification purposes.

5.12   Product Strength

The Product Strength indicates the strength of the preparation. It is reproduced in the format as determined by the product source, i.e. 250mg; 125mg/5ml; Forte, etc. Occasionally the strength of the preparation is included in the name field for easy identification.

5.13   Dosage Form Code

The Dosage Form (or Dosage Formulation) of a product indicates the type of preparation and its route of administration. It frequently comprises a part of the detailed product name as specified by the product source e.g. Panado syrup; Angispray spray. The Dosage Form Code is a codification of the dosage form. It is not a classification of dosage forms such as that is represented by the International Three-Letter code. The dosage form is indicated on the Product Detail Record by a standardised 3-character code, i.e. 'CAP' = capsule; "TAB" = tablet etc. The dosage form description is the comprehensive description for the 3-charater code.

Surgical products do not usually have a specific dosage form. The dosage form code for most surgical products is therefore populated by "ZZZ".

5.14   Link Dates

The dates for which the NAPPI code is valid for the stock as defined in the tender.

5.15   Total Number of Records

This is the total number of records on the file, and includes both the Header Record and the Trailer Record.