

Sodium Phosphate Shortage

Updated 03 May 2017

Suppliers of sodium phosphate effervescent tablets in Canada¹:

| NPN | Brand Name | Manufacturer | Status as of 3 May 2017 |
|----------|--------------------------------|--------------|--|
| 80027202 | Phosphate-Novartis | NVT | Discontinued ² |
| 80047562 | Jamp-Sodium Phosphate | JAMP | Unavailable until 12 May 2017 ³ |
| 80068758 | Phosphate Effervescent Tablets | BioV Pharma | Not listed with McKesson ³ |

The previously available product, Phosphate-Novartis, was listed as containing 500 mg phosphorus (16.1 mmol) from anhydrous sodium acid phosphate 1936 mg.⁴

Health claims for sodium phosphate tablets⁴:

- hypercalciuria
- electrolyte replenisher

Sodium phosphate alternatives:

1. sodium phosphate oral solution – **as of 3 May 2017, no solutions are currently available**
 - these products are recommended for laxative use¹; however, they are listed as alternatives for phosphate supplementation.⁵
 - the solutions provide a source of phosphorus with a similar sodium ratio to that of the effervescent tablets
 - the products are labeled as containing **per 5 ml**: monobasic sodium phosphate USP 2.4 g and dibasic sodium phosphate USP 0.9 g,⁴ which is equivalent to **20.7 mmol phosphorus** and 24 mmol sodium.⁶

Suppliers of sodium phosphate oral solution in Canada¹:

| NPN | Brand Name | Manufacturer | Status as of 3 May 2017 |
|----------|--------------------------------|--------------|--|
| 80000689 | Phoslax | ODN | Listed with McKesson but no inventory; no availability date ³ |
| 02230399 | Phosphates Solution | PMS | Listed with McKesson but no inventory; no availability date ³ |
| 80034416 | Jamp Phosphate Sodium Solution | JAMP Pharma | Listed with McKesson but no inventory; no availability date ³ |

2. compounded oral solution
 - a solution that requires micron filtration can be compounded with sodium phosphate dibasic anhydrous powder (available through Medisca⁷), phosphoric acid solution, 85% (available through McKesson³) and sterile or distilled water. Please call for details.
3. increased dietary phosphorus intake
 - Dietitians of Canada have a [resource](#) of food sources of phosphorus.

References:

1. Health Canada. Licensed Natural Health Products Database. Ottawa, ON: Health Canada; [cited 31 Mar 2017]. Available from: <https://health-products.canada.ca/lnhpd-bdpsnh/index-eng.jsp>
2. Personal communication. Medical Information. Novartis Pharmaceuticals. Dorval, QC H9S 1A9. 31 Mar 2017.
3. PharmaClik McKesson Canada; c2017 [cited 03 May 2017] PharmaClik; Available from <http://clients.mckesson.ca> Account required.
4. RxTx [Internet]. Ottawa (ON): Canadian Pharmacists Association; 2017. CPS online: Phosphate-Novartis; [cited 31 Mar 2017]. Available from: <http://www.e-therapeutics.ca>
5. GlobalRPh. Phosphate supplementation. [updated 04 Dec 2016; cited 31 Mar 2017] Available at: http://www.globalrph.com/phosphate_supplements.htm
6. Personal communication. Medical Information. Odan Laboratories Ltd. Pointe-Claire QC H9R 2Y6. 31 Mar 2017
7. Personal communication. Medisca. 1.800.665.6334 3 May 2017