

## Sodium Phosphate Shortage

Updated 01 Jun 2017

### Suppliers of sodium phosphate effervescent tablets in Canada<sup>1</sup>:

NPN	Brand Name	Manufacturer	Status as of 1 Jun 2017
80027202	Phosphate-Novartis	NVT	Discontinued <sup>2</sup>
80047562	Jamp-Sodium Phosphate	JAMP	Unavailable until 15 Jun 2017 <sup>3</sup>
80068758	Phosphate Effervescent Tablets	BioV Pharma	Not listed with McKesson <sup>3</sup>

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

### Health claims for sodium phosphate tablets<sup>4</sup>:

- hypercalciuria
- electrolyte replenisher

### Sodium phosphate alternatives:

1. sodium phosphate oral solution
  - these products are recommended for laxative use<sup>1</sup>; however, they are listed as alternatives for phosphate supplementation.<sup>5</sup>
  - 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,<sup>4</sup> which is equivalent to **20.7 mmol phosphorus** and 24 mmol sodium.<sup>6</sup>

### Suppliers of sodium phosphate oral solution in Canada<sup>1</sup>:

NPN	Brand Name	Manufacturer	Status as of 1 Jun 2017
80000689	Phoslax	ODN	In stock <sup>3</sup>
02230399	Phosphates Solution	PMS	In stock <sup>3</sup>
80034416	Jamp Phosphate Sodium Solution	JAMP Pharma	Listed with McKesson but no inventory; no availability date <sup>3</sup>

2. compounded oral solution
  - a solution that requires micron filtration can be compounded with sodium phosphate dibasic anhydrous powder (available through Medisca<sup>7</sup>), phosphoric acid solution, 85% (available through McKesson<sup>3</sup>) 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 01 Jun 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](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