



**PRODUCT DATA SHEET**

PRODUCT: XP – 4, Feed Supplement  
Granular and Powder

GRADE: Technical

CODE: 401 (granular)  
410 (powder)

GENERAL DESCRIPTION: White, free-flowing, granular or powder product.

FORMULA: Na<sub>2</sub>H<sub>2</sub>P<sub>2</sub>O<sub>7</sub>

MOLECULAR WEIGHT: 120 - 221.9

CAS NO.: See MSDS

DATE EFFECTIVE: March 7, 2008

CHARACTERISTICS

SPECIFICATION LIMITS

Phosphorus, %

26.0 Minimum

P<sub>2</sub>O<sub>5</sub>, %

59.5 Minimum

pH, 1% Solution

3.7 - 5.6

Arsenic (as As), ppm

83 Maximum

Fluoride (as F), ppm

30 Maximum

Sizing, USSS:

Thru 12 Mesh, %

Thru 100 Mesh, %

Granular

Powder

99 Minimum -----

35 Maximum

75 Minimum

NOTE: Specification Limits are subject to change from time to time. Please contact us for current data sheet.

Production Location: Lawrence, KS

Packaging: 50 lb. multiwall bags; 2000 lb. super sacks, bulk

Labeling Requirements: Product label required by law.

Shipping Classification: Sodium Phosphate

Handling Precautions:

WARNING: CAUSES EYE AND RESPIRATORY TRACT IRRITATION. MAY CAUSE SKIN IRRITATION. Avoid contact with eyes, skin and clothing. Keep container closed. Avoid breathing dust. Use with adequate ventilation.

FIRST AID: If in eyes or on skin, immediately flush with plenty of water. Remove material from eyes, skin, and clothing. If inhaled, remove from exposure. If breathing is difficult, get medical attention. Wash clothing before reuse. If swallowed, do not induce vomiting. Rinse mouth with water. Contact a Poison Control Center. Get medical attention.

This Product Data Sheet is subject to the terms and conditions on the reverse side hereof.

## XP - 4, FEED SUPPLEMENT, TECHNICAL GRADE GRANULAR & POWDER

---

### Key Properties:

- Anhydrous sodium phosphate containing no calcium.
- High purity source of phosphorus
- Highly stable, will not deteriorate in storage, 24 month Shelf-life.
- XP - 4 is hygroscopic and should be stored in a dry area.

### Applications:

- Excellent phosphorus source for use in formulating mineral mixes and feeds when low or no calcium is needed and/or non-protein nitrogen needs to be limited
- XP - 4 is an ideal phosphate for use in dog foods, dairy mixes, horse feeds, beef feeds, mineral supplements, and "free-choice" mineral feeds.
- When used as a "free-choice" phosphorus mineral supplement, XP - 4 provides an excellent method to provide trace minerals, phosphorus, and other micronutrients in safe and easy feed form.
- XP - 4 fed "free-choice to non-lactating dairy animals receiving high calcium roughages can reduce the incidence of milk fever

FOR MORE COMPLETE INFORMATION ON PROPERTIES AND SAFE HANDLING OF THIS MATERIAL, SEE THE ICL PERFORMANCE PRODUCTS LP MATERIAL SAFETY DATA SHEET (MSDS).

NOTICE: Although the information and recommendations set forth herein (hereinafter "Information") are presented in good faith and believed to be correct as of the date hereof, ICL Performance Products LP makes no representations or warranties as to the completeness or accuracy thereof. Information is supplied upon the condition that the persons receiving same will make their own determination as to its suitability for their purposes prior to use. In no event will ICL Performance Products LP be responsible for damages of any nature whatsoever resulting from the use of or reliance upon Information or the product to which Information refers. Nothing contained herein is to be construed as a recommendation to use any product, process, equipment or formulation in conflict with any patent, and ICL Performance Products LP makes no representation or warranty, express or implied, that the use thereof will not infringe any patent. The data set forth herein are based on samples tested and are not guaranteed for all samples or applications. Such data are intended as guides and do not reflect product specifications for any particular product. NO REPRESENTATIONS OR WARRANTIES, EITHER EXPRESS OR IMPLIED, OR MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR OF ANY OTHER NATURE ARE MADE HEREUNDER WITH RESPECT TO INFORMATION OR THE PRODUCT TO WHICH INFORMATION REFERS.

ICL PERFORMANCE PRODUCTS LP    © March, 2008

### Corporate Offices:

622 Emerson Road  
Suite 500  
St. Louis, Missouri 63141  
314-983-7500

For order assistance, please call our Customer Service Department Toll Free: 1-800-244-6169