

**NASi™** is the industrial chemical division of **NACHURS ALPINE SOLUTIONS**, which is the largest manufacturer and marketer of true solution liquid fertilizers for agriculture in the U.S. and Canada. **NACHURS ALPINE SOLUTIONS** was formed in 1946.



Our company takes pride in respecting the environment. **NASi** strives to provide products that are environmentally friendly. **NASi** has many products that are environmentally safe and meet the responsible care needs of our customers.

**NASi** has five manufacturing locations in the U.S. and Canada:

- Marion, Ohio (Corporate Headquarters)
- Corydon, Indiana
- Red Oak, Iowa
- New Hamburg, Ontario Canada
- Saskatchewan Canada

**NASi** has several regional sales offices and terminal storage locations located across the U.S. for customer support and convenient product availability.

[ about us ]



[ quality ]



[ value ]



[www.nasindustrial.com](http://www.nasindustrial.com)

**DKP** Di-Potassium Phosphate  
FCC Compliant

421 Leader Street  
Marion, Ohio 43302

[ P ] 800.622.4877, Ext. 305  
[ F ] 740.223.3874

[indsales@nachurs-alpine.com](mailto:indsales@nachurs-alpine.com)

BECAUSE  
QUALITY  
CREATES  
VALUE



# Di-Potassium Phosphate (DKP) FCC COMPLIANT

[ product info ]

[ technical data ]



## DKP – Di-Potassium Phosphate

Di-potassium phosphate is the chemical name. Other synonyms are: potassium phosphate dibasic, di-potassium hydrogen phosphate. Potassium salt of phosphoric acid.

Di-Potassium Phosphate (DKP) is used as a corrosion inhibitor and pH buffering or adjusting agent in the manufacturing of glycol based anti-freeze and cooling agents, as well as in the drying process in the fermentation of animal feed. DKP can also be used as an emulsifier and buffer in coffee creamers.

## FCC – Food, Chemical, Codex

Food Chemicals Codex (FCC) is a compendium of internationally recognized standards for purity and identity of food-grade substances and testing methods that allows manufacturers of food and food ingredients to comply with standards that have been created and vetted by a rigorous and transparent scientific process.

The FCC approval is built on the foundation of the Good Manufacturing Practices (GMP). GMP encompasses the storage, warehousing, raw materials, testing and employee responsibility of the entire manufacturing process for the end product.

## Industries:

- Anti-freeze
- Fermentation
- Fungicide for ornamentals
- Heat transfer fluids
- Paper
- Pharmaceuticals

## DI-POTASSIUM PHOSPHATE (DKP) 50% FCC Compliant Technical Data CAS Number 7758-11-4

K <sub>2</sub> HPO <sub>4</sub> , wgt%.....	49.5-51.0
Phosphate, wgt % as P <sub>2</sub> O <sub>5</sub> .....	20.4
wgt% as P.....	8.9
Potassium, wgt% as K <sub>2</sub> O.....	27.0
wgt% as K.....	22.4
pH.....	8.5-10.5
Specific Gravity @ 20°C.....	1.54-1.56
Density (lbs/gal).....	12.8-13.0
Clear, nearly colorless aqueous solution.	

## TYPICAL

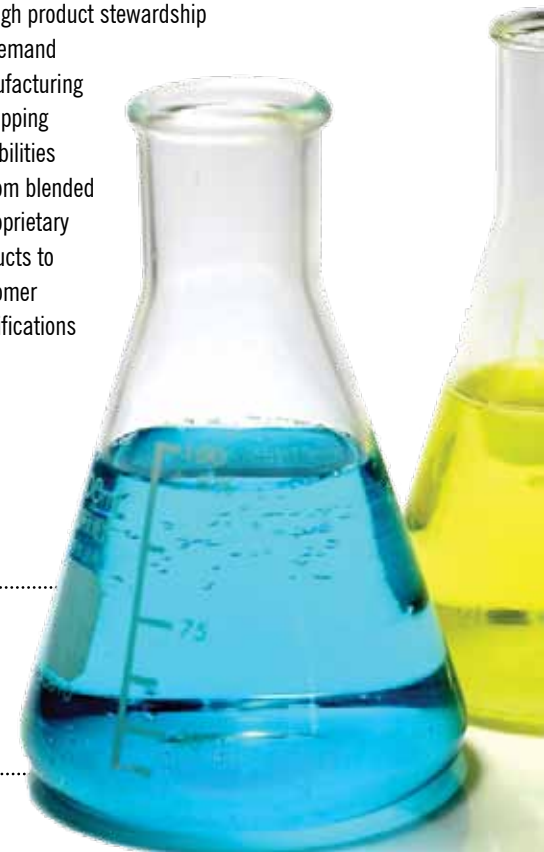
Arsenic, As.....	1.5 mg/kg
Fluoride, F.....	5 ppm
Lead, Pb.....	1 ppm
Insoluble Substances.....	0.1%
Loss On Drying.....	49% Min. 51% Max

Shipping Location: Marion, Ohio

The information set forth on this data sheet is believed to be accurate as of the present date. Since the actual use by others is beyond our control, it is the purchaser's/user's responsibility to determine the suitability of the product for their own use and purpose. Nachurs/Alpine Solutions makes no representations or warranties, either expressed, implied or fitness for a particular purpose. Nachurs/Alpine Solutions neither assumes responsibility regarding the accuracy or suitability of such information or product for application to purchaser's intended use or purpose nor for the consequences of its use. No suggestions for use are intended, and nothing herein shall be construed as a recommendation to infringe any existing patents or to violate any federal, state or local laws, rules or regulations.

Customer service is our number one priority at NASi™. We value our customer relationships and make every effort to ensure your needs are met the first time, and every time! Our goal at NASi is to help our customers be successful with:

- Quality products on time, every time!
- Competitive pricing & convenient product locations
- Environmentally friendly products
- Superior customer service, quality control & technical support
- National Association of Chemical Distributors commitment for continuous product improvements through product stewardship
- On-demand manufacturing & shipping capabilities
- Custom blended & proprietary products to customer specifications



[ quality products ]

# NASi™

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