



**SUJATA NUTRI-PHARMA PVT. LTD.**  
875/2, GIDC Estate, Makarpura, Vadodara-390010

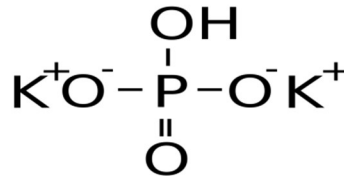
### MATERIAL SAFETY DATA SHEET

Name of product : <b>DI-POTASSIUM HYDROGEN ORTHO PHOSPHATE(DIBASIC) ANHYDROUS</b>	Page Revision no .	1 of 6 00
Document number : <b>SNP/MSDS-023</b>	Effective date :	02-05-2022

#### SECTION 1: Identification of the substance/mixture and of the company/undertaking

##### 1.1 Product identifiers:

Product form : Substance  
Substance name : Dipotassium phosphate anhydrous  
CAS No : 7758-11-4  
Formula : K<sub>2</sub>HPO<sub>4</sub>



##### 1.2 Relevant identified uses of the substance or mixture and uses advised again

Identified uses : Laboratory chemicals, Industrial & for professional use only..

##### 1.3 Details of the supplier of the safety data sheet

Company : Sujata Nutri-Pharma Pvt. Ltd.  
875/2 GIDC Estate Makarpura Vadodara 390010, Gujarat , India  
Telephone : 0265-3500351  
Website : www.sujatanutripharma.com  
Email : info@sujatanutripharma.com

##### 1.4 Emergency telephone number

Emergency telephone : 02652630282 (9:00 to 6:00) office hours only

#### SECTION 2: Hazards identification

##### 2.1 Classification of the substance or mixture

Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.

This substance is not classified as dangerous according to Directive 67/548/EEC.

##### 2.2 Label elements

The product does not need to be labelled in accordance with EC directives or respective national laws.

##### 2.3 Other hazards - none

#### SECTION 3: Composition/information on ingredients

##### 3.1 Substances

Synonyms : Dipotassium hydrogenphosphate  
Dipotassium phosphate  
sec.-Potassium phosphate

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Formula :  $K_2HPO_4$   
Molecular Weight : 174,18 g/mol  
CAS-No. : 7758-11-4  
EC-No. : 231-834-5  
No components need to be disclosed according to the applicable regulations

#### Section 4: First Aid Measures

##### 4.1 Description of first aid measures

###### If inhaled

If breathed in, move person into fresh air. If not breathing, give artificial respiration.

###### In case of skin contact

Wash off with soap and plenty of water.

###### In case of eye contact

Flush eyes with water as a precaution.

###### If swallowed

Never give anything by mouth to an unconscious person. Rinse mouth with water.

##### 4.2 Most important symptoms and effects, both acute and delayed

The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11

##### 4.3 Indication of any immediate medical attention and special treatment needed

no data available

#### SECTION 5: Fire Fighting Measures

##### 5.1 Extinguishing media

###### Suitable extinguishing media

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

##### 5.2 Special hazards arising from the substance or mixture

Oxides of phosphorus, Potassium oxides

##### 5.3 Advice for firefighters

Wear self contained breathing apparatus for fire fighting if necessary.

##### 5.4 Further information

no data available

#### SECTION 6: Accidental release measures

##### 6.1 Personal precautions, protective equipment and emergency procedures

Avoid dust formation. Avoid breathing vapours, mist or gas.

For personal protection see section 8.

##### 6.2 Environmental precautions

Do not let product enter drains.

##### 6.3 Methods and materials for containment and cleaning up

Sweep up and shovel. Keep in suitable, closed containers for disposal.

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#### 6.4 Reference to other sections

For disposal see section 13

### Section 7: Handling and Storage

#### 7.1 Precautions for safe handling

Provide appropriate exhaust ventilation at places where dust is formed. For precautions see section 2.2.

#### 7.2 Conditions for safe storage, including any incompatibilities

Store at ambient/room temperature away from sunlight in a tightly closed condition.

#### 7.3 Specific end use(s)

Apart from the uses mentioned in section 1.2 no other specific uses are stipulated

### Section 8: Exposure Controls/Personal Protection

#### 8.1 Control parameters

**Components with workplace control parameters**

#### 8.2 Exposure controls

**Appropriate engineering controls**

General industrial hygiene practice.

**Personal protective equipment**

#### Eye/face protection

Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

#### Skin protection

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

#### Body Protection

Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place., The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

#### Respiratory protection

Respiratory protection is not required. Where protection from nuisance levels of dusts are desired, use type N95 (US) or type P1 (EN 143) dust masks. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

#### Control of environmental exposure

Do not let product enter drains.

### Section 9: Physical and Chemical Properties

#### 9.1 Information on basic physical and chemical properties

a) Appearance Form: granules

Colour: white

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b) Odour	odourless
c) Odour	Threshold no data available
d) pH	8,7 - 9,3 at 50 g/l at 25 °C
e) Melting point/freezing point	340 °C
f) Initial boiling point and boiling range	no data available
g) Flash point	no data available
h) Evaporation rate	no data available
i) Flammability (solid, gas)	no data available
j) Upper/lower flammability or explosive limits	no data available
k) Vapour pressure	no data available
l) Vapour density	no data available
m) Relative density	2,300 g/cm <sup>3</sup>
n) Water solubility	soluble
o) Partition coefficient: n- octanol/water	no data available
p) Auto-ignition temperature	no data available
q) Decomposition temperature	no data available
r) Viscosity	no data available
s) Explosive properties	no data available
t) Oxidizing properties	no data available

#### 9.2 Other safety information

Bulk density 1.300 kg/m<sup>3</sup>

### Section 10 : Stability and Reactivity Data

#### 10.1 Reactivity

no data available

#### 10.2 Chemical stability

Stable under recommended storage conditions.

#### 10.3 Possibility of hazardous reactions

no data available

#### 10.4 Conditions to avoid

no data available

#### 10.5 Incompatible materials

Strong oxidizing agents

#### 10.6 Hazardous decomposition products

Other decomposition products - no data available

In the event of fire: see section 5

### Section 11 : Toxicological Information

#### 11.1 Information on toxicological effects

##### Acute toxicity

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no data available

**Skin corrosion/irritation**

no data available

**Serious eye damage/eye irritation**

no data available

**Respiratory or skin sensitisation**

no data available

**Germ cell mutagenicity**

no data available

**Carcinogenicity**

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

**Reproductive toxicity**

no data available

**Specific target organ toxicity - single exposure**

no data available

**Specific target organ toxicity - repeated exposure**

no data available

**Aspiration hazard**

no data available

**Additional Information**

RTECS: Not available

Lowered blood pressure, Abdominal pain, Nausea, Vomiting, To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

#### Section 12 : Ecological Information

**12.1 Toxicity**

no data available

**12.2 Persistence and degradability**

no data available

**12.3 Bioaccumulative potential**

no data available

**12.4 Mobility in soil**

no data available

**12.5 Results of PBT and vPvB assessment**

PBT/vPvB assessment not available as chemical safety assessment not required/not conducted

**12.6 Other adverse effects**

no data available

#### Section 13 : Disposal Considerations

**13.1 Waste treatment methods**

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**Product**  
 Offer surplus and non-recyclable solutions to a licensed disposal company.  
**Contaminated packaging**  
 Dispose of as unused product..

**Section 14 : Transport Information**




<b>14.1 UN number</b>		
ADR/RID: -	IMDG: -	IATA: -
<b>14.2 UN proper shipping name</b>		
ADR/RID: Not dangerous goods		
IMDG: Not dangerous goods		
IATA: Not dangerous goods		
<b>14.3 Transport hazard class(es)</b>		
ADR/RID: -	IMDG: -	IATA: -
<b>14.4 Packaging group</b>		
ADR/RID: -	IMDG: -	IATA: -
<b>14.5 Environmental hazards</b>		
ADR/RID: no	IMDG Marine pollutant: no	IATA: no
<b>14.6 Special precautions for user</b>		
no data available		

**Section 15: Other Regulatory Information**

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.  
**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**  
 no data available  
**15.2 Chemical Safety Assessment**  
 For this product a chemical safety assessment was not carried out

**Section 16 : Other Information**

Revision no: 00  
 Revision date: 02-05-2022  
 Other information: None.  
**Further information**  
 The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Sujata Nutri-Pharma Pvt.Ltd. shall not be held liable for any damage resulting from handling or from contact with the above product.

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