

# SAFETY DATA SHEET

according to Regulation (EG) no 1907/2006  
Generic EU MSDS – No country specific data  
REVISION DATE: 2014-04-11

## 1. Identification of the substance/mixture and of the company/undertaking

### 1.1 Product identifier

Product name: Disodium hydrogen phosphate  
Article number: 16-0017

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

Identified uses: Laboratory chemical

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

Company: Medicago AB  
Danmark Berga 13  
755 98 Uppsala  
Telephone: +46 (0)18 56 11 80  
Facsimile: +46 (0)18 56 11 88  
E-mail address: info@medicago.se

### 1.4 Emergency telephone number

Emergency telephone number: Giftinformationscentralen 112

## 2. Hazards identification

### 2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 (EU-GHS/CLP)

Classified as not hazardous

### 2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008 (EU-GHS/CLP)

Labelled as not hazardous

Signal word: -

Hazard statement(s): -

Precautionary statement(s): -

Complementary hazard information

No further information

### 2.3 Other hazards

No further information

## 3. Composition/information on ingredients

### 3.1 Substances

Substance	CAS-no.	EC-no.	Index-no.	Weight %	Classification according to constitution (EG) no 1272/2008 (CLP)
Disodium hydrogen phosphate	7558-79-4	231-448-7	-	100%	Not classified

## 4. First aid measures

### 4.1 Description of first aid measures

If swallowed	Rinse mouth with water; get medical attention if symptoms develop
If inhaled	Move to fresh air; if not breathing, give artificial respiration; get medical attention if symptoms develop
In case of skin contact	Wash with soap and plenty of water; get medical attention if symptoms develop.
In case of eye contact	Remove contact lenses if present and easy-to-do; wash with plenty of water for at least 15 min; get medical attention if irritation persists.
General advice	Show this safety data sheet to the doctor in attendance.

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

No data available

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

No data available

## 5. Firefighting measures

### 5.1 Extinguishing media

Suitable extinguishing media: Use dry powder; in case of large fire use water spray, fog or alcohol-resistant foam

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

No data available

### 5.3 Advice for fire fighters

Wear self-contained breathing apparatus for firefighting, if necessary

### 5.4 Further information

No further information

## 6. Accidental release measures

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

Avoid breathing in dust; wear safety goggles, gloves, lab coat and boots; minimize contact with skin and eyes.

### 6.2 Environmental precautions

Do not allow concentrated solutions to enter the drainage system, surface or ground water.

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

Collect mechanically; use appropriate tools to pick up and put spilled material; keep in a suitable, closed container for disposal.

### 6.4 Reference to other sections

For disposal see section 13

## 7. Handling and storage

### 7.1 Precautions for safe handling

Prevent formation of dust; avoid contact with skin and eyes; wash hands before and after use.

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

Store in cool, dry conditions in well-sealed container; product is hygroscopic.

### 7.3 Specific end use(s)

No data available

## 8. Exposure controls/personal protection

### 8.1 Control parameters

No data available

### 8.2 Exposure controls

#### Appropriate engineering controls

Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne level below recommended exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.

#### Personal protective equipment

**Eye/face protection:** Use safety goggles (DIN 58211, EN 166)

**Skin protection:** Use proper gloves; gloves must be inspected prior to use

**Body Protection:** Wear lab coat / impervious clothes

**Respiratory protection:** Suitable respiratory device recommended

## 9. Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

Appearance	white powder
Odour	no data available
Odour threshold	no data available
pH	8.9-9.2 at 50g/l at 20° C
Melting point/ freezing point	>450° C / no data available
Initial boiling point and boiling range	no data available
Flash point	no data available
Evaporation rate	no data available
Flammability (Solid, gas)	no data available
Upper/lower flammability or explosive limits	no data available
Vapour pressure	no data available
Vapour density	no data available
Relative density	1.520 g/cm <sup>3</sup>
Water solubility	soluble
Partition coefficient: n-octanol/ water	no data available
Auto-ignition temperature	no data available
Decomposition temperature	no data available
Viscosity	no data available
Explosive properties	no data available
Oxidizing properties	no data available

### 9.2 Other information

No further information

## 10. Stability and Reactivity

### 10.1 Reactivity

No data available

### 10.2 Chemical stability

No data available

### 10.3 Possibility of hazardous reactions

No hazardous reactions known

### 10.4 Conditions to avoid

No decomposition under recommended storage conditions

### 10.5 Incompatible materials

Strong oxidizing agents; strong acids

### 10.6 Hazardous decomposition products

None hazardous decomposition products known

## 11. Toxicological information

### 11.1 Information on toxicological effects

#### 11.1.1 Substances

**Acute toxicity**

No data available

**Skin corrosion/irritation**

Skin: Rabbit

Result: Not irritating – 24h

**Serious eye damage/ eye irritation**

Eye: Rabbit

Result: Mild eye irritation – 24h

**Respiratory or skin sensitization**

No data available

**Germ cell mutagenicity**

No data available

**Carcinogenicity**

No data available

**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

**Potential health effects**

May cause mild eye irritation

## 12. Ecological information

### 12.1 Toxicity

No data available

### 12.2 Persistence and degradability

No data available

### 12.3 Bioaccumulative potential

No potential for bioaccumulation

### 12.4 Mobility in soil

No data available

### 12.5 Results of PBT and vPvB assessment

No data available

### 12.6 Other adverse effects

No data available

## 13. Disposal considerations

### 13.1 Waste treatment methods

Waste must be disposed in accordance with federal, state, and local environmental control regulations.

Contaminated packaging: dispose as unused product

## 14. Transport information

### 14.1 UN-number

ADR-RID: -                      IMDG: -                      IATA: -

### 14.2 UN proper shipping name

ADR-RID:                      Not dangerous goods  
IMDG:                          Not dangerous goods  
IATA:                            Not dangerous goods

### 14.3 Transport hazard class(es)

ADR-RID: -                      IMDG: -                      IATA: -

### 14.4 Packaging group

ADR-RID: -                      IMDG: -                      IATA: -

### 14.5 Environmental hazards

ADR-RID:                      no  
IMDG, water pollutant:      no  
IATA:                            no

### 14.6 Special precautions for user

No data available

### 14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

No data available

## 15. Regulatory information

### 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

No data available

### 15.2 Chemical safety assessment

No data available

## 16. Other information

This information is based on the current state of knowledge.

Precaution and disclaimer:      For laboratory use only; not for drug, household or other use