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

1.1 Product identifiers
   Product name: Potassium dihydrogen phosphate
   Product Number: NIST200B
   Brand: Sigma-Aldrich
   REACH No.: A registration number is not available for this substance as the substance or its uses are exempted from registration, the annual tonnage does not require a registration or the registration is envisaged for a later registration deadline.
   CAS-No.: 7778-77-0

1.2 Relevant identified uses of the substance or mixture and uses advised against
   Identified uses: Laboratory chemicals, Manufacture of substances

1.3 Details of the supplier of the safety data sheet
   Company: Sigma-Aldrich Chemie GmbH
   Eschenstrasse 5
   D-82024 TAUFKIRCHEN
   Telephone: +49 (0)89 6513-1130
   Fax: +49 (0)89 6513-1161

1.4 Emergency telephone number
   Emergency Phone #: 0800 181 7059 (CHEMTREC Deutschland)
   +49 (0)696 43508409 (CHEMTREC weltweit)

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.

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

2.3 Other hazards - none

SECTION 3: Composition/information on ingredients

SECTION 4: First aid measures

4.1 Description of first aid measures
   No data available

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: Firefighting measures
5.1 Extinguishing media
   No data available
5.2 Special hazards arising from the substance or mixture
   No data available
5.3 Advice for firefighters
   No data available
5.4 Further information
   No data available

SECTION 6: Accidental release measures
6.1 Personal precautions, protective equipment and emergency procedures
   For personal protection see section 8.
6.2 Environmental precautions
   No data available
6.3 Methods and materials for containment and cleaning up
   No data available
6.4 Reference to other sections
   For disposal see section 13.

SECTION 7: Handling and storage
7.1 Precautions for safe handling
   For precautions see section 2.2.
7.2 Conditions for safe storage, including any incompatibilities
   No data available
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
8.2 Exposure controls
   No data available

SECTION 9: Physical and chemical properties
9.1 Information on basic physical and chemical properties
   a) Appearance Form: solid
   b) Odour No data available
   c) Odour Threshold No data available
   d) pH No data available
   e) Melting point/freezing point No data available
   f) Initial boiling point and boiling range No data available
   g) Flash point No data available
   h) Evaporation rate No data available
9.2 Other safety information
No data available

SECTION 10: Stability and reactivity

10.1 Reactivity
No data available

10.2 Chemical stability
No data available

10.3 Possibility of hazardous reactions
No data available

10.4 Conditions to avoid
No data available

10.5 Incompatible materials
No data available

10.6 Hazardous decomposition products
In the event of fire: see section 5

SECTION 11: Toxicological information

11.1 Information on toxicological effects
Acute toxicity
Skin corrosion/irritation
Serious eye damage/eye irritation
Respiratory or skin sensitisation
Germ cell mutagenicity

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
Specific target organ toxicity - single exposure
Specific target organ toxicity - repeated exposure
Aspiration hazard
Additional Information
RTECS: Not available

SECTION 12: Ecological information
12.1 Toxicity
12.2 Persistence and degradability
12.3 Bioaccumulative potential
12.4 Mobility in soil
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

SECTION 13: Disposal considerations
13.1 Waste treatment methods
   No data available

SECTION 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 Marine pollutant: no  IATA: no
14.6 Special precautions for user
   No data available

SECTION 15: Regulatory information
15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
   This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.
15.2 Chemical safety assessment
   For this product a chemical safety assessment was not carried out

SECTION 16: Other information