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

1.1 Product identifier
- Trade name: Di-Potassium hydrogen phosphate anhydrous, for analysis, ExpertQ®, ACS, Reag. Ph Eur
- Article number: PO0258
- CAS Number: 7758-11-4
- EC number: 231-834-5

1.2 Relevant identified uses of the substance or mixture and uses advised against
No further relevant information available.

1.3 Details of the supplier of the safety data sheet
- Manufacturer/Supplier: Scharlab, S.L.
  C/Gato Pérez, 33. Pol.Ind. Mas d'en Cisa
  08181 Sentmenat (Barcelona) SPAIN
  Tel: (+34) 93 745 64 00 - FAX: (+34) 93 715 27 65
  email: scharlab@scharlab.com
  Internet Web Site: www.scharlab.com
- Regional representation: Scharlab, S.L.
  C/Gato Pérez, 33. Pol.Ind. Mas d'en Cisa
  08181 Sentmenat (Barcelona) SPAIN
  Tel: (+34) 93 745 64 00 - FAX: (+34) 93 715 27 65
  email: scharlab@scharlab.com
  Internet Web Site: www.scharlab.com
- Further information obtainable from: technical department
- Emergency telephone number:
  Please contact the regional Scharlab distributor/dealer in your country
  During normal opening times: Scharlab, S.L. (+34) 93 715 18 11

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture
- Classification according to Regulation (EC) No 1272/2008
  The substance is not classified, according to the CLP regulation.

2.2 Label elements
- Labelling according to Regulation (EC) No 1272/2008 Void
  - Hazard pictograms Void
  - Signal word Void
  - Hazard statements Void

2.3 Other hazards
- Results of PBT and vPvB assessment
  - PBT: Not applicable.
  - vPvB: Not applicable.

SECTION 3: Composition/information on ingredients

3.1 Chemical characterisation: Substances
- CAS No. Description
  7758-11-4 dipotassium hydrogenorthophosphate

(Contd. on page 2)
Trade name: di-Potassium hydrogen phosphate anhydrous, for analysis, ExpertQ®, ACS, Reag. Ph Eur

4.1 Description of first aid measures
General information: No special measures required.
After inhalation: Supply fresh air; consult doctor in case of complaints.
After skin contact: Generally the product does not irritate the skin.
After eye contact: Rinse opened eye for several minutes under running water.
After swallowing: If symptoms persist consult doctor.

4.2 Most important symptoms and effects, both acute and delayed
No further relevant information available.

4.3 Indication of any immediate medical attention and special treatment needed
No further relevant information available.

5.1 Extinguishing media
Suitable extinguishing agents: CO2, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

5.2 Special hazards arising from the substance or mixture
No further relevant information available.

5.3 Advice for firefighters
Protective equipment: No special measures required.

6.1 Personal precautions, protective equipment and emergency procedures
Not required.

6.2 Environmental precautions: Do not allow to enter sewers/ surface or ground water.

6.3 Methods and material for containment and cleaning up: Pick up mechanically.

6.4 Reference to other sections
No dangerous substances are released.
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

7.1 Precautions for safe handling
No special measures required.

7.2 Conditions for safe storage, including any incompatibilities
Storage:
Requirements to be met by storerooms and receptacles: No special requirements.
Information about storage in one common storage facility: Not required.
Further information about storage conditions: None.

7.3 Specific end use(s) No further relevant information available.
SECTION 8: Exposure controls/personal protection

· 8.1 Control parameters
  · Additional information about design of technical facilities: No further data; see item 7.
  · Ingredients with limit values that require monitoring at the workplace: Not required.
  · Additional information: The lists valid during the making were used as basis.

· 8.2 Exposure controls
  · Personal protective equipment:
    · General protective and hygienic measures:
      The usual precautionary measures are to be adhered to when handling chemicals.
    · Respiratory protection: Not required.
  · Protection of hands:
    The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.
    Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.
    Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation
  · Material of gloves
    The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.
  · Penetration time of glove material
    The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
  · Eye protection: Not required.

SECTION 9: Physical and chemical properties

· 9.1 Information on basic physical and chemical properties
  · General Information
    · Appearance:
      · Form: Solid
      · Colour: White
    · Odour: Odourless
    · Odour threshold: Not determined.
    · pH-value: Not applicable.
  · Change in condition
    · Melting point/freezing point: Undetermined.
    · Initial boiling point and boiling range: Undetermined.
  · Flash point: Not applicable.
  · Flammability (solid, gas): Product is not flammable.
  · Decomposition temperature: Not determined.
  · Auto-ignition temperature: Not determined.
  · Explosive properties: Product does not present an explosion hazard.
  · Explosion limits:
    · Lower: Not determined.
    · Upper: Not determined.
  · Vapour pressure: Not applicable.
  · Density at 20 °C: 1.3 g/cm³
  · Relative density: Not determined.

(Contd. on page 4)
52.0.4 · Vapour density Not applicable.
· Evaporation rate Not applicable.
· Solubility in / Miscibility with water: Not determined.
· Partition coefficient: n-octanol/water: Not determined.
· Viscosity: Dynamic: Not applicable.
· Kinematic: Not applicable.
· 9.2 Other information No further relevant information available.

SECTION 10: Stability and reactivity
· 10.1 Reactivity No further relevant information available.
· 10.2 Chemical stability
  · Thermal decomposition / conditions to be avoided:
  No decomposition if used according to specifications.
· 10.3 Possibility of hazardous reactions No dangerous reactions known.
· 10.4 Conditions to avoid No further relevant information available.
· 10.5 Incompatible materials: No further relevant information available.
· 10.6 Hazardous decomposition products: No dangerous decomposition products known.

SECTION 11: Toxicological information
· 11.1 Information on toxicological effects
  · Acute toxicity Based on available data, the classification criteria are not met.
  · Primary irritant effect:
  · Skin corrosion/irritation Based on available data, the classification criteria are not met.
  · Serious eye damage/irritation Based on available data, the classification criteria are not met.
  · Respiratory or skin sensitisation Based on available data, the classification criteria are not met.
  · Additional toxicological information:
  · CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)
  · Germ cell mutagenicity Based on available data, the classification criteria are not met.
  · Carcinogenicity Based on available data, the classification criteria are not met.
  · Reproductive toxicity Based on available data, the classification criteria are not met.
  · STOT-single exposure Based on available data, the classification criteria are not met.
  · STOT-repeated exposure Based on available data, the classification criteria are not met.
  · Aspiration hazard Based on available data, the classification criteria are not met.

SECTION 12: Ecological information
· 12.1 Toxicity
  · Aquatic toxicity: No further relevant information available.
· 12.2 Persistence and degradability No further relevant information available.
· 12.3 Bioaccumulative potential No further relevant information available.
· 12.4 Mobility in soil No further relevant information available.
· Additional ecological information:
  · General notes:
  Water hazard class 1 (German Regulation) (Assessment by list): slightly hazardous for water
  Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.
(Contd. on page 5)
Trade name: di-Potassium hydrogen phosphate anhydrous, for analysis, ExpertQ®, ACS, Reag. Ph Eur

12.5 Results of PBT and vPvB assessment
- PBT: Not applicable.
- vPvB: Not applicable.

12.6 Other adverse effects No further relevant information available.

SECTION 13: Disposal considerations

13.1 Waste treatment methods
- Recommendation Smaller quantities can be disposed of with household waste.
- Uncleaned packaging:
  - Recommendation: Disposal must be made according to official regulations.

SECTION 14: Transport information

14.1 UN-Number
- ADR, ADN, IMDG, IATA Void
- 14.2 UN proper shipping name Void
- 14.3 Transport hazard class(es)
  - ADR, ADN, IMDG, IATA Void
  - Class Void
- 14.4 Packing group Void
- ADR, IMDG, IATA Void
- 14.5 Environmental hazards:
  - Marine pollutant: No
- 14.6 Special precautions for user Not applicable.
- 14.7 Transport in bulk according to Annex II of Marpol and the IBC Code Not applicable.
- UN "Model Regulation": Void

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
- Directive 2012/18/EU
- Named dangerous substances - ANNEX I - DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment – Annex II Substance is not listed.
- 15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information
This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- Classification according to Regulation (EC) No 1272/2008
The classification of the mixture is generally based on the calculation method using substance data according to Regulation (EC) No 1272/2008.
- Department issuing SDS: product safety department
- Contact: msds@scharlab.com
Abbreviations and acronyms:
- RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)
- ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)
- IMDG: International Maritime Code for Dangerous Goods
- IATA: International Air Transport Association
- GHS: Globally Harmonised System of Classification and Labelling of Chemicals
- EINECS: European Inventory of Existing Commercial Chemical Substances
- CAS: Chemical Abstracts Service (division of the American Chemical Society)
- PBT: Persistent, Bioaccumulative and Toxic
- vPvB: very Persistent and very Bioaccumulative