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**Complying with 1907/2006/EEC Regulation of 18 December 2006 ("REACH Regulation")****SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1 Product identifier**

Product name: PHOSPHIRON 500 SL

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

Common uses: Industrial.

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

CTS Ltd. - AGRICA  
4 Haharash Street,  
Hod Hasharon 45240, Israel  
P.O. Box 10 Tel-Aviv, Israel  
Phone: +972-9-7626257  
Fax: +972-9-7626327

E-mail address of person responsible for this SDS: erezbn@cts.co.il

**1.4 Emergency telephone number**

Emergency telephone number (with hours of operation): +972-9-7626333

**SECTION 2: Hazards identification****2.1 Classification of the substance or mixture**

Classification in accordance to Regulation (EC) No. 1272/2008 (CLP):

Eye Irrit. 2 H319

Skin Irrit. 2 H315

See section 16 for the full text of the H-statements declared above.

**2.2 Label elements**

Labelling in accordance with Regulation 1272/2008 (CLP)

Hazard pictogram(s):



Signal word: Warning

Hazard statement(s):

H319: Causes serious eye irritation.

H315: Causes skin irritation.

Precautionary Statement(s):

P280: Wear protective gloves/protective clothing/eye protection/face protection.

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337+P313: If eye irritation persists: Get medical advice/attention.

P332 + P313: If skin irritation occurs: Get medical advice/attention.  
 P362 + P364: Take off contaminated clothing and wash it before reuse.

**2.3 Other hazard**

Not available

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

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**3.2 Mixtures:**

Substance name	Identifiers	%	CLP Classification
Potassium phosphite	CAS number: 13977-65-6 EC number: 604-162-9	50-70	Skin Irrit. 2 H315 Eye Irrit. 2 H319

See section 16 for the full text of the H-statements declared above.

**There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.**

Occupational exposure limits, if available, are listed in section 8.

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**SECTION 4: First aid measures**

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**4.1 Description of first aid measures**

- Eyes contact:** In case of contact with eyes, rinse immediately with plenty of water for at least 15 minutes. Get medical attention.
- Skin contact:** Take off contaminated clothing and shoes immediately. Wash off with soap and plenty of water. Get medical attention.
- Inhalation:** Remove the victim from site of exposure to fresh air. If breathing is difficult, give oxygen. If not breathing give artificial respiration. Get medical attention.
- Ingestion:** **Do not induce vomiting.** If victim is conscious, wash mouth thoroughly with plenty of water. Never give anything by mouth to an unconscious person. Get medical attention.

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

See section 2.2 (Label elements) and/or section 11 (Toxicological information) for the most important known symptoms and effects.

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

Not available

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**SECTION 5: Fire-fighting measures**

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**5.1 Extinguishing media**

Suitable: Foam, carbon dioxide, dry powder or water spray.  
Not suitable: N/A

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

Under fire conditions may emit toxic and irritating fumes.

**5.3 Advice for firefighters**

**Special protective equipment for fire fighters:** Fire fighters should wear full protective clothing and self-contained breathing apparatus in positive pressure mode.

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**SECTION 6: Accidental release measures**

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

Use personal protective equipment. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Ventilate area of spill.

**6.2 Environmental precautions**

Prevent entry into waterways, sewers, basements or confined areas.

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

Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations.

**6.4 Reference to other sections**

See Section 1 for emergency contact information.

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**SECTION 7: Handling and storage**

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**7.1 Precautions for safe handling**

Avoid contact with skin and eyes. Avoid inhalation of vapors, mist or gas. Wash thoroughly after handling. Handle in accordance with good industrial hygiene and safety practice.

Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also section 8 for additional information measures.

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

**Storage:** Keep container tightly closed in a dry, cool and well-ventilated place. Store in original container. Keep away from strong bases, strong oxidizing agents and metals (corrosive to most)

**7.3 Specific end use(s):** N/A

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**SECTION 8: Exposure control/personal protection**

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**8.1 Control parameters**

Occupational exposure limit values: N/A

**8.2 Exposure controls****Engineering measures**

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

**Person Protective measures**

**Respiratory protection:** Suitable respirator. Be sure to use an approved/certified equipment or equivalent equipment. Wear appropriate respirator when ventilation is inadequate.

**Hand protection:** Wear protective gloves to prevent skin exposure.

**Eye protection:** Wear protective safety glasses.

**Skin protection:** Wear appropriate long-sleeved clothing to minimize skin contact.

Environmental exposure controls: Not available

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**SECTION 9: Physical and chemical properties**

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

Appearance: Clear liquid

Odour: N/A

Odour threshold: N/A

pH: 3.0-6.0

Melting point/Freezing point: N/A

Initial boiling point/boiling range: N/A

Flash point: N/A

Evaporation rate: N/A

Flammability: N/A

Upper/lower flammability or explosive limits: N/A

Vapor pressure: N/A

Vapor density: N/A

Relative density: N/A

Solubility(ies): Soluble in water.

Partition coefficient Octanol/Water: N/A

Auto-ignition temperature: N/A

Decomposition temperature: N/A

Viscosity: N/A

Explosive properties: N/A

Oxidizing properties: N/A

**9.2 Other information**

Density: 1270-1310 gr/L

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**SECTION 10: Stability and reactivity**

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**10.1 Reactivity**

Not available

**10.2 Chemical stability**

The product is stable under normal handling and storage conditions described in Section 7.

**10.3 Possibility of hazardous reactions**

Hazardous reactions are not expected, under normal conditions of storage and use.

**10.4 Conditions to avoid**

Not available

**10.5 Incompatible materials**

Strong bases, strong oxidizing agents, metals (corrosive to most).

**10.6 Hazardous decomposition products**

Other decomposition products: Not available

In the event of fire: see section 5.

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**SECTION 11: Toxicological information**

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**11.1 Information on toxicological effects**

Acute toxicity: Not available

Skin corrosion/irritation: Causes skin irritation.

Serious eye damage/irritation: Causes serious eye irritation.

Respiratory or skin sensitization: Not available

Germ cell mutagenicity: Not available

Carcinogenicity: Not available

Reproductive toxicity: Not available

Specific target organ toxicity (single exposure): Not available

Specific target organ toxicity (repeated exposure): Not available

Aspiration hazard: Not available

Other symptoms: May cause respiratory and digestive tract irritation. Ingestion of large doses may cause nausea, vomiting and diarrhea. Chronic exposure to this product may cause calcium phosphate deposition in the kidneys.

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## **SECTION 12: Ecological information**

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### **12.1 Toxicity**

Not available

### **12.2 Persistence and Degradability**

Easily biodegradable.

### **12.3 Bioaccumulative potential**

Not available

### **12.4 Mobility in soil**

Not available

### **12.5 Results of PBT and vPvB assessment**

Not available

### **12.6 Other adverse effects**

Non toxic to bobwhite quail, rainbow trout and bees.  
Slightly toxic to daphnia.

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## **SECTION 13: Disposal considerations**

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### **13.1 Waste treatment methods**

#### **Product**

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

#### **Packing**

Empty containers should be taken for local recycling, recovery or waste disposal.

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## **SECTION 14: Transport information**

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### **14.1 Un number**

ADR/RID: -

IMDG: -

IATA: -

### **14.2 Proper shipping name**

ADR/RID: Not regulated

IMDG: Not regulated

IATA: Not regulated

**14.3 Transport hazard class(es)**

ADR/RID:

IMDG:

IATA:

**14.4 Packing group**

ADR/RID:

IMDG:

IATA:

**14.5 Environmental hazard**

Marine Pollutant: N/A

**14.6 Special precautions for user**

Not available

**14.7 Transport to bulk according to Annex II of MARPOL 79/78 and the IBC Code**

Not available

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**SECTION 15: Regulatory information**

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This SDS complies with the following requirements of:  
EU Regulation (EC) No.1907/2006 (REACH) including amendments  
Regulation (EC) No.1272/2008 (CLP)

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

Not available

**15.2 Chemical safety assessment**

Not available

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**SECTION 16: Other information**

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**Full text of Hazards Statements referred to in sections 2 and 3:**

Eye Irrit.- Eye irritation

Skin Irrit.-Skin irritation

H319: Causes serious eye irritation.

H315: Causes skin irritation.

Training advice: Before using/handling the product one must read carefully present SDS.

Key Legend Information:

CAS - Chemical Abstract Service

ACGIH - American Conference of Governmental Industrial Hygienists

OSHA - Occupational Safety and Health Administration

NTP - National Toxicology program

IARC - International Agency for Research on Cancer

N/A - Not available

H - statements- Hazard statements

TLV - Threshold Limit Value

TWA - Time-weighted average

STEL - Short-Term Exposure Limit

CSA - Chemical safety assessment

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