

**Section 1.- Identification of the substance/mixture and of the company**

- **Identification of the product:** Phosphorylated paracetamol
- **Chemical family:** Phosphorylated paracetamol
- **Product name:** DRP-PPAR
- **Use of the substance/preparation:** Research use only
- **Manufacturer/supplier identification:** DropSens, S.L.  
Ed. CEEI, Parque Tecnológico de Asturias  
Llanera - 33428 (Asturias) SPAIN  
Tel.- +34 985 27 76 85 Fax.- +34 985 27 76 85  
E-mail.- [info@dropsens.com](mailto:info@dropsens.com)  
Internet Web Site: [www.dropsens.com](http://www.dropsens.com)
- **Emergency phone:** DropSens, S.L. +34 985 27 76 85

**Section 2.- Hazards identification**

*Caution! To the best of our knowledge the toxicological properties of this material has not been thoroughly investigated. The present substance has been classifying according to hazards identification for p-Aminophenyl phosphate monosodium salt hydrate.*

**Classification of the mixture:**

According to Regulation CLP (EC) No1272/2008

Eye irritation (Category 2)

Skin irritation (Category 2)

Specific target organ toxicity – single exposure (Category 3), Respiratory system

**Label elements:****Hazard statements**

H315 Causes skin irritation

H319 Causes serious eye irritation

H335 May cause respiratory irritation

**Precautionary statements**

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

P304 + P340 + P312 If inhaled, remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a doctor/ physician if you feel unwell.

P305 + P338 + P351 If in eyes, remove contact lenses, if present and easy to do. Continue rinsing. Rinse cautiously with water for several minutes.

P337 + P313: Avoid release to the environment

**Section 3.- Composition/Information on ingredients**

- **Phosphorylated paracetamol**      **Synonyms:** p-acetamidophenyl phosphate  
**Formula:** C<sub>8</sub>H<sub>8</sub>NO<sub>5</sub>PNa<sub>2</sub>  
**Molecular weight:** 275 g/mol  
**CAS:** -

## Section 4.- First aid measures

- **General advice:** Consult a physician. Show this safety data sheet to the doctor in attendance.
- **After skin contact:** Wash skin with soap and copious amounts of water.
- **After ingestion:** Never give anything by mouth to an unconscious person, rinse mouth with water.
- **After eye contact:** Rinse eyes thoroughly with plenty of water for at least 15 minutes.
- **After inhalation:** Move the person into fresh air. If it is necessary, give artificial respiration.

## Section 5.- Fire-fighting measures

- **Suitable extinguishing media:** use water spray, alcohol resistant foam, dry chemical or carbon dioxide.
- **Special hazards arising from the substance:** carbon oxides, oxides of phosphorus, sodium oxides, nitrogen oxides
- **Special protective equipment for fire fighting:** Wear self contained breathing apparatus for fire fighting if necessary.
- **Further information:** No data available.

## Section 6.- Accidental release measures

- **Person-related precautionary measures:** Use personal protective equipment. Avoid breathing vapours. Ensure adequate ventilation.
- **Environmental precautions:** Do not let product enter drains.
- **Methods and materials for containment and cleaning up:** Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers.

## Section 7.- Handling and storage

- **Handling:** Avoid contact with skin and eyes. Provide appropriate exhaust ventilation at places where dust is formed.
- **Storage:** Recommended to store the substance under inert atmosphere at temperature between 2 – 8°C and away from light.

## Section 8.- Exposure controls/personal protection

### Exposure controls

General industrial hygiene practice

- Hand protection Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique to avoid skin contact with this product.
- Eye protection Safety glasses with side-shields conforming to NIOSH (US) or EN166 (EU)
- Skin and body protection Choose body protection according to the amount and concentration of the dangerous substance at the work place. Handle with gloves. Wash and dry hands. The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and standard EN 374 derived from it.
- Hygiene measures Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

## Section 9.- Physical and chemical properties

- **General information:**
  - Form: solid (powder)
  - Colour: white
  - Odour: no data available
- **pH:** no data available
- **Melting point range:** no data available
- **Flammability (solid, gas):** No data available
- **Water solubility:** No data available

## Section 10.- Stability and reactivity

- **Reactivity:** No data available

- **Chemical stability:** stable under recommended storage conditions
- **Possibility of hazardous reactions:** No data available.
- **Incompatible materials:** strong oxidizing agents.
- **Conditions to avoid:** incompatible materials: light.
- **Hazardous decomposition products:** Other decomposition products – no data available.

### **Section 11.- Toxicological information**

To the best of our knowledges the chemical, physical and toxicological properties have not been thoroughly investigated.

**Acute toxicity:** no data available

**Skin corrosion/ irritation:** Causes skin irritation.

**Serious eye damage/ eye irritation:** Causes serious eye irritation.

**Respiratory or skin sensitisation:** May cause respiratory irritation.

**Germ cell mutagenicity:** No data available

**Carcinogenicity:** 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 and repeated exposure:** No data available.

**Additional information:** RTECS: no data available.

### **Section 12.- Ecological information:**

To the best of our knowledges the ecological information has not been thoroughly investigated.

**Toxicity:** no data available

**Persistence and degradability:** no data available.

Results of PBT and vPvB assessment: PBT/ vPvB assessment not available as chemical safety assessment not conducted.

**Other adverse effects:** No data available.

### **Section 13.- Disposal considerations**

**Product:** Observe all federal, state, and local environmental regulations. Contact a licensed professional waste disposal service to dispose this material.

**Contaminated packaging:** Dispose of as unused product.

### **Section 14.- Transport information**

*Not a hazardous material for its transportation*

### **Section 15.- Regulatory information**

This safety datasheet has been revised to comply with the requirements establish in (EC) 453/2010.

### **Section 16.- Other information**

Date of creation: 03/11/2016

Author: Carla Navarro

Revised by: Pablo Fanjul Bolado (R&D manager, DropSens, S.L.)

The contents and format of this MSDS are in accordance with EC 453/2010.

**Disclaimer:** DropSens S.L. provides the information contained herein in good faith and makes no representation as to its comprehensiveness or accuracy. This document is intended only as a guide to the appropriate precautionary handling of the material by a properly trained person using this product. Individuals receiving the information must exercise their independent judgment in determining its appropriateness for a particular purpose. As the conditions or methods of use are beyond our control, we do not assume any responsibility and expressly disclaim any liability for any use of this material.