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# MATERIAL SAFETY AND DATA SHEET

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## 1. Product and Company Identification

<u>Trade / Commercial Name</u>	<b>SODIUM PHOSPHATE DIBASIC</b>	
<u>Chemical Name</u>	Sodium hydrogen phosphate	
<u>Formula</u>	HNa <sub>2</sub> PO <sub>4</sub>	
<u>Chemical Family</u>		
<u>Synonyms</u>	Sodium monohydrogen phosphate; di-Sodium Hydrogenphosphate; Disodium Phosphate	
<u>Un No</u>	<u>Hazchem Code</u>	2Z
<u>ERG No</u>	0 <u>EAC</u>	0

### Company Identification:

Acorn Chemicals Ltd. Emergency Tel No:  
T/A Acorn Water  
Glasslyn Rd. (023) 43466  
Bandon,  
Co. Cork.  
Rep. Of Ireland.  
Tel: (023) 43466  
Fax: (023) 43467

## 2. Composition

### Hazardous Components

## 3. Hazards Identification

Not regulated

## 4. First Aid Measures

First Aid Skin Immediately remove contaminated clothing, including shoes.

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Wash affected area with plenty of soap and water for at least 20 minutes.

Keep victim warm and comfortable to prevent shock.

First Aid Eyes

Flush eyes with water for 15 minutes.

Hold eyelids open while washing.

First Aid Ingested

Immediately drink large quantity milk or water, get medical help

First Aid Inhalation

IMMEDIATELY remove to fresh air.

If not breathing give artificial respiration.

If breathing of victim is difficult administer oxygen for a maximum period of one hour.

## 5. Fire Fighting Measures

Extinguish with fog(spray)

## 6. Accidental Release Measures

## 7. Handling And Storage

Fire separation of at least 5M or 4Hr fire resistant wall from the following classes is recommended.

Flammable Gases Flammable Liquids

Flammable Solids Spontaneously Combustibles

Poison Corrosives

Storage in the same room or space is prohibited with the following classes:

The rooms or spaces should be at least 10M apart.

Explosives Oxidizing Agents

Organic Peroxides Radioactive

## 8. Exposure Controls/Personal Protection

Occupational Exposure Limits No Exposure Limits Established

Controls

The control measures appropriate for a particular worksite depend

on how this material is used and on the extent of exposure.

The best protection is to enclose operations and/or provide local exhaust ventilation at the site of chemical release.

Use a non-sparking, grounded ventilation system separate from other

exhaust ventilation systems. Exhaust directly to the outside.

Supply sufficient replacement air to make up for air removed.

Have a safety shower/eye wash fountain readily available in the immediate work area

### Personal Protection

If engineering controls and work practices are not effective in controlling this material, then wear suitable personal protection equipment, including chemical safety goggles & face shield, boots, imperious gloves, coveralls, & respiratory protection. Have appropriate equipment available for use in emergencies.

## 9. Physical & Chemical Properties

## 10. Stability And Reactivity

### Conditions to Avoid

### Incompatible Materials

### Other

## 11. Toxicological Information

## 12. Ecological Information

No ecological problems are expected when the product is handled and used with due care.

## 13. Disposal Considerations

### Disposal Method Product

There are no uniform EC regulations for the disposal of chemicals or residues. Chemical residues generally count as special waste. The disposal of the latter is regulated in the EC member countries through corresponding laws and regulations. We recommend that you contact the authorities in charge or approved waste disposal companies which will advise you on how to dispose of special waste.

### Disposal Method Packaging

Disposal in accordance with local legal provisions.

## 14. Transport Information

<u>ERG No</u>	0	<u>Hazchem Code</u>	2Z
		<u>EAC</u>	0

<u>Marine Pollutant</u>	False
<u>Class</u>	Not regulated
<u>Subsidiary Risks</u>	None
<u>Tremcard Number</u>	

### **15. Regulatory Information**

<u>EEC Hazard Classification</u>	6
<u>Risk Phases</u>	Danger of cumulative effects
<u>Safety Phases</u>	This material and its container must be disposed of in a safe way
<u>National Legislation</u>	