Acorn water,
Glasslyn Road,
Bandon,
Co Cork
"for all your water needs"

MATERIAL SAFETY AND DATA SHEET

1.Product and Company Identification

Trade / Commercial Name	**SODIUM PHOSPHATE TRIBASIC**
Chemical Name	Sodium phosphate tribasic
Formula	Na3O4P
Chemical Family	
Synonyms	Sodium phosphate; Trisodium orthophosphate; Phosphoric acid, trisodium salt
Un No	Hazchem Code
ERG No	0 EAC

Company Identification:

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

2. Composition

Hazardous Components Sodium phosphate tribasic

3. Hazards Identification

Low toxicity
Irritant
Harmful Dust
Mixes easily with water.
Gives off TOXIC or irritant fumes in a fire - keep upwind

4. First Aid Measures

First Aid Skin	Immediately remove contaminated clothing, including shoes. 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	Not applicable.
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

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

Associated company Acorn Chemicals Ltd. Registered in Ireland No. 175001. VAT No. IE 6575001N.
Directors: William Holland & Eileen Holland. Tel: +353 23 43466
Web: http://www.acornwater.ie, Email: info@acornwater.ie Fax: +353 23 43467

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

Small colourless crystals or crystalline powder; odourless
Physical State: Solid
Melting Point (degrees C): ~75 deg. C when heated rapidly
pH: 11.5 (0.1% solution)
Specific Gravity: 1.620

10. Stability And Reactivity

Conditions to Avoid	Chemical Stability: Stable
Incompatible Materials	Reactivity: Material is a strong caustic.Contact with strong acid generates excess heat.
Other	hermal decomposition produces toxic phosphorus oxide fumes

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

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ERG No	0	EAC	0

IMDG Code	9
Marine Pollutant	False
Class	Class: 9 Miscellaneous
Subsidiary Risks	None
Tremcard Number	

15. Regulatory Information

EEC Hazard Classification	9
Risk Phases	Danger of cumulative effects
Safety Phases	This material and its container must be disposed of in a safe way
National Legislation	

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