

Material Safety Data Sheet (MSDS)

POWER-PHOS

SAMBOO CHEMITEC CO LTD



- 1) Product Name **POWER-PHOS**
- 2) Manufacturer **SAMBOO CHEMITEC CO LTD**
476-6 GUGER-RI GEUMWANG EUB EUMSUNG KUN
CHUNGBUK, KOERA
- 3) Taiwan Supplier **Green-energy & Ultra-purity Technology Corp**
6F, No.5, Aly 50, Ln 36, Shenxi Rd.,
Keelung Cilty, Taiwan (R.O.C.)
- 4) Description **POWER-PHOS use in tap water and other types of fresh water at the**
prescribed dosage is inoffensive. All components used in
POWER-PHOS are 100% pure food grade materials.
- 5) Physical Properties
- | | |
|-------------------------------|------------------------|
| Vapour Press (mm Hg at 25° C) | Practically Nil |
| Melting Point | Not applicable |
| Boiling Point | Not applicable |
| Flash Point | Not applicable |
- 6) Reaction with
- | | | |
|------------------|---|-------------|
| air | } | |
| water | } | |
| heat | } | none |
| strong oxidisers | } | |
| acids or alkalis | } | |
- 7) PH value **7 ± 0.5**
- 8) Change of state in case
of fire **No Decomposition**
- 9) Solubility in water **0.01 – 15 ppm, depending on flow rate**
- 10) Appearance **Translucent Spheres**

11) Composition

Phosphorus pentoxide (P_2O_5)	65.4 %
Sodium Carbonate (Na_2CO_3)	25.7 %
Calcium Hydroxide ($Ca(OH)_2$)	8.9 %

12) SUBSTANCE IDENTIFICATION

CERCLA ratings (Scale 0-3)	Health = 1
	Fire = 0
	Reactivity = 1
	Persistence = 0

NFPA ratings (Scale 0-4)	Health = 1
	Fire = 0
	Reactivity = 1

13) Toxic Hazards

On the skin	No Irritant Effect
On the eye	No Irritant Effect
Sensitization	No Sensitizing Effect Known

Additional toxicological information	<i>In our experience and according to the information provided to us, the product does not have any harmful effects when used and handled according to specification.</i>
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14) Method of use	Slow Dissolution
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15) Storage	Not Restrictive
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16) Disposal	No Limitations
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17) Spillage	No Problems Resulting
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18) Fire	Non-inflammable
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19) First Aid Treatment

Antidote in case of swallowing	}	
Eye contact	}	
Skin contact	}	None
Inhalation	}	
Any special treatment advised or contra-indicated	}	

20) Precautions for normal conditions of use ***Proper Application***

21) Recommended protective equipment ***None***

22) Transport information ***Not Dangerous***