

## SAFETY DATA SHEET BOILERTEK 945/PHOSDOSE P

### 1. IDENTIFICATION

Trade name: Boilertek 945/Phosdose P  
Generic name:  
Product type/area of use: Phosphate/polymer blend for use in boiler water

### 2. INFORMATION ON COMPOSITION

Substances which give the product

| <u>Its Health-risk properties</u> | <u>CAS-no</u> | <u>Contents %</u> | <u>Remarks</u> |
|-----------------------------------|---------------|-------------------|----------------|
| Sodium hexametaphosphate          | 10124-56-8    | 25-40             |                |
| Sodium polyacrylate               | 9003-04-7     | 1-5               |                |
| Maleic/Acrylic Copolymer          | 68037-40-1    | 1-5               |                |

### 3. HAZARDS IDENTIFICATIONS

Inhalation  
Liquid – not applicable  
Eye contact  
None  
Skin contact  
None  
Ingestion  
None

### 4. FIRST-AID MEASURES

Inhalation  
Not applicable  
Eye contact  
Wash immediately with plenty of water  
Skin contact  
Remove immediately contaminated clothing and wash skin  
Ingestion  
Drink plenty of water  
Information to Doctor

Continued ....

## 5. FIRE-FIGHTING MEASURES

Fire and Explosion Hazards: Water based product with no special hazards  
Precautions: None required  
Extinguishing media: No special media required  
Not suitable extinguishing media: None

## 6. ACCIDENTAL RELEASE MEASURES

Adsorb by inert material  
Flush spill area with plenty of water

## 7. HANDLING AND STORAGE

Handling: Wear gloves, safety eye protection and overalls  
Storage: Store indoors and prevent from freezing

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Control: Avoid eye and skin contact  
Personal protection: Wear gloves, goggles and overalls when handling the material

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Pale brown coloured liquid  
Boiling point: 100°C Density (kg/m<sup>3</sup>) 1.24-1.28  
Flash point: None Vapour pressure (mm Hg)  
Pour point: None Vapour density (air=1)  
Auto-ignition temp: None Soluble in organic solvent: None  
Expl.omr (vol%) Solubility in water (w-%) 100%  
PH (concentrate) 5.5-8.0 pH (10% solution in 6.2 distilled water)  
Rel.evaporation rate Ether=1 Butylacetate=100  
Viscosity

## 10. STABILITY AND REACTIVITY

Stability: The product is stable and has a shelf-life of 2 years  
Avoid blending with:  
Dangerous products None  
of degradation:  
Dangerous product None  
of combustion:

## 11. TOXICOLOGICAL INFORMATION

Analysis data: Oral LD50(Rat) >5000mg/kg (Calculated)  
Considered to be non-toxic

## 12. ECOLOGICAL INFORMATION

Analysis data: LC50 (Rainbow Trout)>6000mg/l  
Considered to be of no environmental danger

Continued .....

### 13. DISPOSAL CONSIDERATIONS

Recommendations: Product which in use is diluted down considerably and allowed to enter the environment. Can be incinerated.

### 14. TRANSPORT INFORMATION

UN no: Packaging gr: Non-Hazardous

ADR/RID:

IMDG class: Side: EmS no:

MFAG no:

DGR:

Goods description

Others

### 15. REGULATORY INFORMATION

Chemical health hazard: Non Hazardous

Chemical to the environment:

Inflammable product: Class:

Explosive product: Tmsp.class

Labelling category

Symbol Main text

R-phrase R36/38 irritating to eyes and skin

S-phrase S26,37,39 wash immediately with water

### 16. OTHER INFORMATION

All of the raw materials used in this product are approved by the FDA for use in boilers the steam from which may contact food, packaging or paper. The raw materials in this product are approved by the DOE for addition to potable water.