

## SAFETY DATA SHEET HEATDOSE

### 1. IDENTIFICATION

Trade name: Phostek 40  
Generic name:  
Product type/area of use: Treatment of boiler system

### 2. INFORMATION ON COMPOSITION

Substances which give the product

<u>Its Health-risk properties</u>	<u>CAS-no</u>	<u>Contents %</u>
Sodium Hydroxide		15 – 20
Tannin		5 – 20
Polymers		1 – 5

### 3. HAZARDS IDENTIFICATIONS

Inhalation: Liquid – not applicable  
Eye contact: May cause irritation or burns upon prolonged exposure  
Skin contact: May cause irritation or burns upon prolonged exposure  
Ingestion: May cause irritation and is toxic in large amounts

### 4. FIRST-AID MEASURES

Inhalation: Remove from exposure. If exposure has been great obtain medical attention  
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: Alkaline solution

### 5. FIRE-FIGHTING MEASURES

Fire and Explosion Hazards: water based product with no special hazards  
Precautions: none required  
Extinguishing media: no special media required but CO<sub>2</sub> or foam are suggested  
Not suitable extinguishing media: none

### 6. ACCIDENTAL RELEASE MEASURES

Absorb by inert material  
Flush spill area with plenty of water  
The alkaline hazard of the product is removed by dilution with water

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## 7. HANDLING AND STORAGE

Handling: Wear gloves, safety eye protection and overalls

Storage: Store indoors and prevent from freezing. Keep the container closed when not in use

## 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 liquid

Boiling point: 100°C Density (kg/m<sup>3</sup>) 1.13 – 1.12

Flashpoint TCC: None Vapor pressure (mm Hg)

Pour point: None Vapor density (air=1)

Auto-ignition temp None Soluble in organic solvent: None

Expl.omr. Solubility in water [w-%]: 100%

PH 12 – 13.5 pH [10% solution in distilled water]: 12

Rel.evaporation rate: Ether=1 Butylacetate=100

## 10. STABILITY AND REACTIVITY

Stability: The product is stable and has a shelf-life of 12 months

Avoid blending with: Acids and hypochlorites

Dangerous products of degradation: none

Dangerous products of combustion: none

## 11. TOXICOLOGICAL INFORMATION

Analysis data: Considered to be toxic due to its caustic nature

## 12. ECOLOGICAL INFORMATION

Analysis data: Considered to be of danger to the environment in its concentrated form

Remarks: Do not discharge water containing more than 1000 mg/L

## 13. DISPOSAL CONSIDERATIONS

Recommendations: Alkaline product which in use is diluted down considerably and allowed to enter the environment

## 14. TRANSPORT INFORMATION

UN no: 1824 Packaging gr. 11/111

ADR/RID: 85

IMDG class: 8 Side: EmSno:

MFAG no:

DGR:

Goods description:

## 15. REGULATORY INFORMATION

Chemical health hazard: Alkaline

Chemical to the environment:

Inflammable product: Class:

Explosive product: Tmsp.class

Labelling category:

Symbol: Main text:

R-phrase: 36/38

S-phrase: 37/39

Cont.....

**16. OTHER INFORMATION**

All of the raw materials used in this product are approved by the FDA [of USA] for use in treating steam raising plant where that steam may contact food or food packaging.