

SAFETY DATA SHEET PHOSTEK 40

1. IDENTIFICATION

Trade name: Phostek 40
Generic name:
Product type/area of use: Phosphate blend for use in water systems

2. INFORMATION ON COMPOSITION

Substances which give the product

<u>Its Health-risk properties</u>	<u>CAS-no</u>	<u>Contents %</u>
Sodium hexametaphosphate	10124-56-8	25-40

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

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

Absorb by inert material
Flush spill area with plenty of water

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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 liquid	
Boiling point:	100°C	Density (kg/m ³) 1.24-1.28
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: 100%
PH	5.5-6.5	pH 10% solution in 6.2 distilled water
Rel.evaporation rate:	Ether=1	Butylacetate=100

10. STABILITY AND REACTIVITY

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

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

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: EmSno:
MFAG no:
DGR:
Goods description:

Continued

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: none

S-phrase: none

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.