

SAFETY DATA SHEET BOILERTEK 910

1. IDENTIFICATION

Trade name: Boilertek 910
Generic Type: Tannin
Product type/area of use: Boiler water treatment chemical

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 HYDROXIDE	1310-73-2	1-5	
TANNINS	1401-55-4	20-30	

3. HAZARDS IDENTIFICATION

Inhalation
Liquid product with NO significant vapours
Eye Contact
Slight alkaline - may cause irritation
Skin Contact
Slight alkaline - may cause irritation
Ingestion
Slight alkaline - may cause irritation

4. FIRST-AID MEASURES

Inhalation
Keep drum closed when not in use
Eye Contact
Wash immediately with plenty of water
Skin Contact
Wash immediately with plenty of water
Ingestion
Drink plenty of water to dilute the product
Information to Doctor
Slightly alkaline product

Cont.....

5. FIRE FIGHTING MEASURES

Fire and Explosion Hazards: None
Precautions:
Extinguishing Media: Water
Not Suitable Extinguishing Media: None

6. ACCIDENTAL RELEASE MEASURES

Absorb by inert material for landfill disposal and wash affected area well with water, flushing to drain.

7. HANDLING AND STORAGE

Handling: Keep drums tightly closed when not in use
Storage: Store indoors and prevent from freezing

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Control: None
Personal Protection: Wear gloves, goggles and overalls when handling the material

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Red/brown coloured liquid		
Boiling Point (°C):	100°C	Density (Kg/m ³):	1.1 – 1.15
Flashpoint (°C) TCC:		Vapour pressure (mmHg)	
Pour point (°C):		Vapour density (air=1)	
Auto-ignition Temp (°C):		Soluble in organic solvent:	None
Expl.omr. (vol%):		Solubility in water (w-%):	100%
pH (concentrate):	9.5 – 11.5	pH (10% solution in distilled water)	
Rel. evaporation rate: N/A	Ether = 1:	Butylacetate = 100	
Viscosity (cSt):			

10. STABILITY AND REACTIVITY

Stability: Shelf life 12 months, but it will slowly react with oxygen if left open to the atmosphere
Avoid Blending With: Strong acids
Dangerous Products of Degradation: None
Dangerous Products of Combustion: None

11. TOXICOLOGY INFORMATION

Analysis Data: Tannin is considered to be a non-toxic chemical
Remarks: LD₅₀ >2000mg/kg OECD 401
OECD 404 Non-irritant [skin]
OECD 405 Mild irritant [eyes]

12. ECOLOGICAL INFORMATION

Analysis Data: Natural product which will biodegrade.
Remarks: 90% BIODEGRATION OECD 301B

13. DISPOSAL CONSIDERATIONS

Recommendations: May be disposed of to landfill or to drain after reaction with oxygen.

Cont.....

14. TRANSPORT INFORMATION

UN no: N/A Packaging gr.
ADR/RID:
IMDG class:

15. REGULATORY INFORMATION

Chemical Health Hazard:
Chemical to the Environment:
Inflammable Product: Class:
Explosive Product: Tmsp. Class:
Labelling Category [-s]:
Symbol [-er]: Main Text:
R-Phase [-s]: R36/R38
S-Phase [-s]: S24/25, S26, S28, S37/39

16. OTHER INFORMATION

No carcinogenic properties has been found with any ingredients.
No evidence of mutagenic effects
Exposure limits not assigned