

**SAFETY DATA SHEET**

Manufacturer/Distributor: **ACCEPTA LTD** Date: **02.01.08**  
**STATHAM HOUSE, TALBOT ROAD** Version nr: **3**  
**OLD TRAFFORD, MANCHESTER, M32 0FP**  
**TEL: 0161 877 2334, FAX: 0870 135 6389**

**1. IDENTIFICATION**

Trade name: **Accepta 2889**

Generic Name: **BOILER AND HOT WATER  
SYSTEM CORROSION AND SCALE INHIBITOR**

Product type/area of use: **TREATMENT OF BOILER AND HOT WATER SYSTEMS**

**2. INFORMATION ON COMPOSITION**

Substances which give the product  
its Health-risk properties

<u>CAS-no</u>	<u>Contents %</u>	<u>Remarks</u>
<b>SODIUM HYDROXIDE</b>	<b>1310-73-2</b>	<b>15 - 20</b>
<b>TANNIN</b>	<b>1401-55-4</b>	<b>5 - 20</b>
<b>POLYMERS</b>	<b>71050-62-9</b>	<b>1 - 5</b>

Remarks

**3. HAZARDS IDENTIFICATIONS**

**Inhalation:**  
**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:** **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:** **ALKALINE SOLUTION**

## **5. FIRE-FIGHTING MEASURES**

**Fire and Explosion Hazards:** NONE

**Precautions:**

**Extinguishing media:** NO SPECIAL MEDIA REQUIRED BUT CO<sub>2</sub>  
OR FOAM ARE SUGGESTED

**Not suitable extinguishing media:** NONE

## **6. ACCIDENTAL RELEASE MEASURES**

**ADSORB BY INERT MATERIAL.  
FLUSH SPILL AREA WITH PLENTY OF WATER.  
THE ALKALINE HAZARD OF THE PRODUCT IS REMOVED BY DILUTION WITH  
WATER.**

## **7. HANDLING AND STORAGE**

**Handling:** WEAR GLOVES, EYE PROTECTION AND OVERALLS.

**Storage:** STORES 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:	DARK RED / BROWN LIQUID		
Boiling point [°F]:	100°C	Density [kg/m <sup>3</sup> ]:	1.13 - 1.22
Flashpoint[°C] TCC:	NONE	Vapour pressure [mm Hg]:	
Pour point [°C]:	NONE	Vapour density [air=1]:	
Auto-ignition temp [°C]:	NONE	Soluble in organic solvent:	
Expl.omr. [vol%]		Solubility in water [w-%]:	100%
pH [concentrate]:	12-13.5	pH [10 % solution in distilled water]:	12
Rel. evaporation rate:	N/A	Ether = 1:	Butylacetate = 100:
Viscosity [cSt]:			
<u>Remarks</u>			

## 10. STABILITY AND REACTIVITY

Stability:	THE PRODUCT IS STABLE FOR AT LEAST 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
<u>Remarks:</u>	

## 12. ECOLOGICAL INFORMATION

Analysis data:	CONSIDERED TO BE OF DANGER TO THE ENVIRONMENT IN ITS CONCENTRATED FORM
<u>Remarks:</u>	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:** 1760                      **Packaging gr.** II

**ADR/RID:** 8

**IMDG class:** 8                      **Side:**                      **EmS no:**

**MFAG no:**

**DGR:**

**Goods description**

**Others:**

### 15. REGULATORY INFORMATION

**Chemical health hazard:** ALKALINE

**Chemical to the environment:**

**Inflammable product:**                      **Class:**

**Explosive product:**                      **Tmsp. class:**

**Labelling category [-s]:** CORROSIVE

**Symbol [-er]:**                      **Main text:**

**R-phrase [-s]:** 34

**S-phrase [-s]:** 26, 28, 36/37/39, 45

## **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.

### **LEGAL DISCLAIMER**

The above information is based on the present state of our knowledge of the product at the time of publication. It is given in good faith, no warranty is implied with respect to the quality or the specification of the product. The user must satisfy himself that the product is entirely suitable for his purpose.