

**SAFETY DATA SHEET****Manufacturer/Distributor: Accepta Ltd****Satham House, Talbot Road, Old Trafford  
Manchester M32 0FP****TEL: 0161 877 2334, FAX: 0870 135 6389****Date: 04.02.09****Version nr: 4****1. IDENTIFICATION****Trade name: ACCEPTA 2897****Generic Name: Partly neutralised catalysed sodium bisulphite****Product type/area of use: Boiler water treatment chemical****2. INFORMATION ON COMPOSITION****Substances which may give the product  
its Health-risk properties**

<u>CAS-no</u>	<u>Contents %</u>	<u>Remarks</u>
<b>Sodium bisulphite</b>	<b>7631-90-5</b>	<b>25-35</b>
<b>Nickel Ion</b>		<b>&lt;0.01</b>
<b>Sodium hydroxide</b>	<b>1310-73-2</b>	<b>1-5</b>

**Remarks****3. HAZARDS IDENTIFICATIONS****Inhalation:****May cause a temporary shortage of breath as small quantities of sulphur dioxide may be present.****Eye Contact:****Slightly acidic - may cause irritation****Skin Contact:****Slightly acidic - may cause irritation****Ingestion:****May generate sulphur dioxide****4. FIRST-AID MEASURES****Inhalation: Keep the drum closed when not in use in a well ventilated area. Avoid breathing vapours****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 acidic sulphite generating sulphur dioxide**

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

**Fire and Explosion Hazards:**      **May liberate sulphur dioxide under extreme conditions**

**Precautions:**

**Extinguishing media:**              **Water**

**Not suitable extinguishing media:**   **None**

## **6. ACCIDENTAL RELEASE MEASURES**

**Adsorb 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, avoid freezing conditions.**

## **8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Exposure Control:**      **None.**

**Personal protection:**      **Wear gloves, goggles and overalls when handling this and any other chemical.**

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Water white liquid	
Boiling point [°F]:	100°C	Density [kg/m <sup>3</sup> ]: 1.25-1.28
Flashpoint[°C] TCC:		Vapor pressure [mm Hg]:
Pour point [°C]:		Vapor density [air=1]:
Auto-ignition temp [°C]:		Soluble in organic solvent:
Expl.omr. [vol%]		Solubility in water [w-%]: 100%
pH [concentrate]:	5-7	pH [10 % ig solution in distilled water]:
Rel. evaporation rate:	Ether = 1:	Butylacetate = 100:
Viscosity [cSt]:		
<u>Remarks</u>		

## 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:	Sulphur dioxide
Dangerous products of combustion:	Sulphur dioxide

## 11. TOXICOLOGICAL INFORMATION

Analysis data:	As sulphite/bisulphite it is considered dangerous if ingested due to liberation of sulphur dioxide.
<u>Remarks:</u>	

## 12. ECOLOGICAL INFORMATION

Analysis data:	Reacts quickly with oxygen to form harmless sulphates.
<u>Remarks:</u>	

### 13. DISPOSAL CONSIDERATIONS

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

### 14. TRANSPORT INFORMATION

**UN no:** 1760 **Class:** 8 **Packaging gr.** III

**ADR/RID:**

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

**MFAG no:**

**DGR:**

**Goods description**

**Others:**

### 15. REGULATORY INFORMATION

**Chemical health hazard:**

**Chemical to the environment:**

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

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

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

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

**R-phrase [-s]:** R31-Contact with acids liberates toxic gas,R36/37/38-Irritating to eyes, respiratory system and skin.

**S-phrase [-s]:** S14-Keep away from acids,S36/37/39-Wear suitable protective clothing, gloves and eye/face protection, S46-If swallowed seek medical advice immediately and show this container or label.

## **16. OTHER INFORMATION**

FDA approved additive for boilers where the steam from which may contact food, packaging or paper.

### **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.