

<u>SAFETY DATA SHEET</u>			
Manufacturer/Distributor	ACCEPTA LTD STATHAM HOUSE, TALBOT ROAD MANCHESTER M32 0FP TEL: 0161 877 2334, FAX: 0870 135 2334	Date: 09.12.09	Version nr: 4
1. IDENTIFICATION			
Trade name:	ACCEPTA 2815		
Generic Name:	SODIUM HYDROXIDE SOLUTION		
Product type/area of use:	BOILER WATER ALKALINITY BUILDER		
2. HAZARDS IDENTIFICATIONS			
Inhalation:	NOT APPLICABLE		
Eye Contact:	WILL CAUSE IRRITATION OR BURNS UPON EXPOSURE		
Skin Contact:	MAY CAUSE IRRITATION OR BURNS UPON EXPOSURE		
Ingestion:	WILL CAUSE IRRITATION AND BURNS IF INGESTED		
3. INFORMATION ON COMPOSITION			
Substances which give the product its Health-risk properties:	<u>CAS-no</u>	<u>Contents %</u>	<u>Remarks</u>
SODIUM HYDROXIDE	1310-73-2	20-25	
1-HYDROXYETHYLENE-1, 1-DIPHOS- PHONIC ACID	2809-21-4	1 – 5	
<u>Remarks</u>			
4. FIRST-AID MEASURES			
Inhalation:			
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 CONTAINING HYDROXIDES		

5. FIRE-FIGHTING MEASURES

Fire and Explosion Hazards:

Precautions: ALKALINE - AVOID SPLASHES

Extinguishing media: NO SPECIAL MEDIA REQUIRED

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.

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: HAZY WATER WHITE LIQUID

Boiling point [°F]: 100°C **Density [kg/m³]:** 1.23 - 1.29

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]: 13+ **pH [10 % solution in distilled water]:** 13+

Rel. evaporation rate: N/A **Ether = 1:** **Butylacetate = 100:**

Viscosity [cSt]:

Remarks

10. STABILITY AND REACTIVITY

Stability: THE PRODUCT IS STABLE FOR AT LEAST 12 MONTHS

Avoid blending with: ACIDS, METHANOL AND PRIMARY AMINES.

Dangerous products of degradation: N/A

Dangerous products of combustion: N/A

11. TOXICOLOGICAL INFORMATION

Analysis data: CONSIDERED TO BE TOXIC IN LARGE QUANTITIES

Remarks:

12. ECOLOGICAL INFORMATION

Analysis data: CONSIDERED TO BE OF DANGER TO THE ENVIRONMENT IN ITS CONCENTRATED FORM BY CONTAMINATION

Remarks: DO NOT DISCHARGE WATER CONTAINING MORE THAN 5%

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 **Packing gr.** 11

ADR/RID: 80

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]:

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

R-phrase [-s]: 34 – Causes burns.

S-phrase [-s]: 26 – In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
28 – After contact with skin, wash immediately with plenty of water.
36/37/39 – Wear suitable protective clothing, gloves and eye/face protection.
45 – In case of accident or if you feel unwell, seek medical advice immediately (show this information where possible).

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.