

<b><u>SAFETY DATA SHEET</u></b>			
<b>Manufacturer/Distributor</b> ACCEPTA LTD STATHAM HOUSE, TALBOT ROAD, OLD TRAFFORD, MANCHESTER M32 0FP TEL: 0161 877 2334, FAX: 0870 135 6389		<b>Date:</b> 26.02.09 <b>Version nr:</b> 4	
<b>1. IDENTIFICATION</b>			
<b>Trade name:</b>	8% SODIUM CHLORITE SOLUTION		
<b>Generic Name:</b>	SODIUM CHLORITE		
<b>Product type/area of use:</b>	CHLORINE DIOXIDE GENERATION		
<b>2. INFORMATION ON COMPOSITION</b>			
<b>Substances which give the product its Health-risk properties</b>			
	<u>CAS-no</u>	<u>Contents %</u>	<u>Remarks</u>
SODIUM CHLORITE	775-819-2	5 - 15	
<u>Remarks</u>			
<b>3. HAZARDS IDENTIFICATIONS</b>			
<b>Inhalation:</b>			
NOT APPLICABLE			
<b>Eye Contact:</b>			
MAY CAUSE IRRITATION			
<b>Skin Contact:</b>			
MAY CAUSE IRRITATION			
<b>Ingestion:</b>			
WILL CAUSE SEVERE PROBLEMS DUE TO FORMATE OF CHLORINE DIOXIDE IN THE STOMACH.			
<b>4. FIRST-AID MEASURES</b>			
<b>Inhalation:</b>		NOT APPLICABLE	
<b>Eye contact:</b>		WASH IMMEDIATELY WITH PLENTY OF WATER AND SEEK MEDICAL ATTENTION.	
<b>Skin Contact:</b>		REMOVE IMMEDIATELY CONTAMINATED CLOTHING AND WASH SKIN	
<b>Ingestion:</b>		DRINK PLENTY OF WATER	
<b>Information to Doctor:</b>		LIQUID WHICH WILL FORM A POWERFUL OXIDISING GAS WITH ACIDS	

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

<b>Fire and Explosion Hazards:</b>	<b>WATER BASED PRODUCT WITH SOME OXIDISING PROPERTIES</b>
<b>Precautions:</b>	<b>NONE REQUIRED</b>
<b>Extinguishing media:</b>	<b>NO SPECIAL MEDIA REQUIRED</b>
<b>Not suitable extinguishing media:</b>	<b>DO NOT USE CO<sub>2</sub></b>

## **6. ACCIDENTAL RELEASE MEASURES**

**ADSORB BY INERT MATERIAL.  
FLUSH SPILL AREA WITH PLENTY OF WATER.**

## **7. HANDLING AND STORAGE**

<b>Handling:</b>	<b>WEAR GLOVES, SAFETY EYE PROTECTION AND OVERALLS.</b>
<b>Storage:</b>	<b>STORES INDOORS AND PREVENT FROM FREEZING. DO NOT ALLOW CONTACT WITH ACIDS EXCEPT WHILST GENERATING CHLORINE DIOXIDE</b>

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

<b>Exposure Control:</b>	<b>AVOID EYE AND SKIN CONTACT</b>
<b>Personal protection:</b>	<b>WEAR GLOVES, GOGGLES AND OVERALLS WHEN HANDLING THE MATERIAL.</b>

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	<b>CLEAR PALE YELLOW LIQUID</b>		
<b>Boiling point [°F]:</b>	<b>100°C</b>	<b>Density [kg/m<sup>3</sup>]:</b>	<b>1.040 - 1.080</b>
<b>Flashpoint[°C] TCC:</b>	<b>NONE</b>	<b>Vapour pressure [mm Hg]:</b>	
<b>Pour point [°C]:</b>	<b>NONE</b>	<b>Vapour density [air=1]:</b>	
<b>Auto-ignition temp [°C]:</b>	<b>NONE</b>	<b>Soluble in organic solvent:</b>	<b>NONE</b>
<b>Expl.omr. [vol%]</b>		<b>Solubility in water [w-%]:</b>	<b>100%</b>
<b>pH [concentrate]:</b>	<b>10.0-13.0</b>	<b>pH [10 % solution in distilled water]:</b>	
<b>Rel. evaporation rate:</b>	<b>N/A</b>	<b>Ether = 1:</b>	<b>Butylacetate = 100:</b>
<b>Viscosity [cSt]:</b>			
<b><u>Remarks</u></b>			

## 10. STABILITY AND REACTIVITY

<b>Stability:</b>	<b>THE PRODUCT IS STABLE AND HAS A SHELF-LIFE OF 2 YEARS</b>
<b>Avoid blending with:</b>	<b>ACIDS</b>
<b>Dangerous products of degradation:</b>	<b>NONE</b>
<b>Dangerous products of combustion:</b>	<b>NONE</b>

## 11. TOXICOLOGICAL INFORMATION

<b>Analysis data:</b>	<b>LC<sub>50</sub> [RAT] &gt;3500 mg/kg CONSIDERED TO BE NON-TOXIC</b>
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**Remarks:**

## 12. ECOLOGICAL INFORMATION

<b>Analysis data:</b>	<b>LC<sub>50</sub> RAINBOW TROUT &gt;2000 mg/l CONSIDERED TO BE OF NO DANGER TO THE ENVIRONMENT</b>
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**Remarks:**



**16. OTHER INFORMATION**

**NO EVIDENCE OF CARCINOGENIC PROPERTIES**

**EXPOSURE LIMITS NOT ASSIGNED**