

SAFETY DATA SHEET

Manufacturer/Distributor ACCEPTA LTD
 DUCKWORTH HOUSE, TALBOT ROAD
 OLD TRAFFORD, MANCHESTER, M32 0FP
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Date: 02.01.08
Version nr: 3

1. IDENTIFICATION

Trade name: Accepta 2854
Generic Name: SODIUM CHLORITE
Product type/area of use: CHLORINE DIOXIDE GENERATION

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 CHLORITE	7758-19-2	1 - 10	

Remarks

3. HAZARDS IDENTIFICATIONS

Inhalation:

LIQUID MATERIAL - INHALATION NOT APPLICABLE

Eye Contact:

MAY CAUSE IRRITATION

Skin Contact:

MAY CAUSE IRRITATION

Ingestion:

WILL CAUSE SEVERE PROBLEMS DUE TO FORMATION OF CHLORINE DIOXIDE IN THE STOMACH.

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: LIQUID WHICH WILL FORM A POWERFUL OXIDISING GAS WITH ACIDS

5. FIRE-FIGHTING MEASURES

Fire and Explosion Hazards: WATER BASED PRODUCT WITH SOME OXIDISING PROPERTIES

Precautions: NONE REQUIRED

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.

7. HANDLING AND STORAGE

Handling: WEAR GLOVES, SAFETY EYE PROTECTION AND OVERALLS.

Storage: STORES INDOORS AND PREVENT FROM FREEZING.
DO NOT ALLOW CONTACT WITH ACIDS EXCEPT WHILST GENERATING CHLORINE DIOXIDE

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:	CLEAR PALE YELLOW LIQUID		
Boiling point [°F]:	100°C	Density [kg/m ³]:	1.02 - 1.05
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:	NONE
Expl.omr. [vol%]		Solubility in water [w-%]:	100%
pH [concentrate]:	11-13	pH [10 % solution in distilled water]:	
Rel. evaporation rate:	N/A	Ether = 1:	Butylacetate = 100:
Viscosity [cSt]:			
<u>Remarks</u>			

10. STABILITY AND REACTIVITY

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

11. TOXICOLOGICAL INFORMATION

Analysis data:	LC ₅₀ [RAT] >3500 mg/kg CONSIDERED TO BE NON-TOXIC
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Remarks:

12. ECOLOGICAL INFORMATION

Analysis data:	LC ₅₀ RAINBOW TROUT >2000 mg/l CONSIDERED TO BE OF NO DANGER TO THE ENVIRONMENT
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Remarks:

16. OTHER INFORMATION

NO EVIDENCE OF CARCINOGENIC PROPERTIES

EXPOSURE LIMITS NOT ASSIGNED