

## High Strength Bleach

1. IDENTIFICATION OF SUBSTANCE, PREPARATION AND COMPANY			
<b>Product Name</b>	Delf High Strength Bleach		
<b>Address / Phone Number</b>	Delf (UK) Ltd 462 Cleveland Street Birkenhead Wirral CH41 8EQ      Tel: 0151-652 4877      Fax: 0151-652-3800      E-mail: <a href="mailto:info@delf-uk.com">info@delf-uk.com</a>		
<b>Emergency Phone Number</b>	IN AN EMERGENCY DIAL LOCAL EMERGENCY SERVICES		
2. COMPOSITION / INFORMATION			
<b>Product Description</b>	Contains Sodium Hypochlorite available chlorine content at time of manufacture 3.0 - 6.0%.		
<b>Alternative Names</b>			
<b>Hazardous Ingredient(s)</b>	Sodium Hypochlorite.		
3. HAZARDS IDENTIFICATION			
<b>Most Important Hazard</b>	Contact with acids liberates toxic chlorine gas. Irritating to eyes and skin.		
4. FIRST AID MEASURES			
<b>Inhalation</b>	Fumes or vapour may cause irritation, of the throat and tightness in the chest.		
<b>Skin Contact</b>	May cause irritation and redness. Wash affected area with soap and water.		
<b>Eye Contact</b>	There may be irritation and redness. In case of contact with eyes rinse immediately with plenty of water and seek medical advice.		
<b>Ingestion</b>	May cause soreness in mouth and throat. Wash mouth out with water. Do not induce vomiting and if conscious give half a litre of water, and seek medical advice.		
5. FIRE FIGHTING MEASURES			
<i>Flammable</i>			
<b>Extinguishing Media</b>	Any suitable extinguishing media should be used. Use water spray to cool containers.		
<b>Fire Fighting Protective Equipment.</b>	Wear self-contained breathing apparatus, and suitable protective clothing.		
6. ACCIDENTAL RELEASE MEASURES			
<b>Personal Precautions</b>	See exposure controls / personal protection (section 8).		
<b>Spillages</b>	Where possible, transfer to a container for reuse or disposal (see Disposal Considerations – Section 13). Contain and absorb using earth, sand or other inert material. Flush area to drain with plenty of water. Treat large spillages as industrial waste.		
<b>Environmental Precautions</b>	Do not allow to contaminate vegetation, drains or water courses. Spillages or uncontrolled discharges into watercourses, drains or sewers must be reported immediately to the Environment Agency, local water company or other appropriate regulatory bodies.		
7. HANDLING AND STORAGE			
<b>Handling</b>	Do not mix with any material other than water. Use in well ventilated area.		
<b>Storage</b>	Must only be kept in original packaging. Store in a cool dry area. Protect from extremes of temperature, and direct sunlight.		
8. EXPOSURE CONTROL/PERSONAL PROTECTION			
<b>Personal Protective Equipment</b>	Wear protective clothing, PVC gloves, and eye/face protection.		
<b>Occupational Exposure Limits</b>	Product	Long Term Exposure Limit (8 hr TWA)	Short Term Exposure Limit (15 Min)
	Sodium Hypochlorite		
9. CHEMICAL AND PHYSICAL PROPERTIES			
<b>Appearance</b>	Yellow liquid	<b>Specific Gravity</b>	1.12
<b>Odour</b>	Chlorine		
<b>Solubility</b>	Soluble in water		

10. STABILITY AND REACTIVITY	
Stability	Stable under normal conditions, and correctly stored.
Known Hazardous Reactions	Strong oxidising agents, Strong acids
Conditions to avoid	Sources of heat. Avoid extremes of temperature.
Hazardous Decomposition Product(s)	Combustion will generate toxic fumes.
11. TOXICOLOGICAL INFORMATION	
Inhalation	Excessive exposure may cause soreness.
Eye contact	May cause irritation.
Ingestion	May cause nausea, irritation to the digestive tract may occur.
12. ECOLOGICAL INFORMATION	
Persistence and Degradation	This product is expected to be readily biodegradable.
Toxicity	Not expected to be significantly hazardous in the aquatic environment.
Effect on Effluent Treatment	Not known.
13. DISPOSAL CONSIDERATIONS	
Waste	Large quantities may only be disposed in accordance with Local Authority regulations.
14. TRANSPORT INFORMATION	
UN Transport Name	N/a
UN No.	N/a
UN Primary Class	N/a
UN Packaging Group	N/a
Transport Hazard Symbol	N/a
Packaging	Plastic containers.
Normal Carriage Temperature	Ambient.
15. REGULATORY INFORMATION	
Hazard Symbols	Irritant
Risk Phrases	R31: Contact with acid liberates toxic gas. R36/38 Irritating to eyes and skin.
Safety Phrases	S2 Keep out of the reach of children. S25: Avoid contact with eyes. S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. S46: If swallowed, seek medical advice immediately and show the container or label.
16. OTHER INFORMATION	
2002	Control of Substances Hazardous to Health Regulations.
2004	Carriage of Dangerous Goods and Use of Transportable Pressure Equipment Regulations.
2002	Chemical (Hazard Information and Packaging for supply) Regulations.
2001	EH40 Occupational Exposure Limits.

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. For further details see Delf (UK) Ltd. conditions of sale (additional copies of this are available on request).
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