
 شركة الكيماويات المتحدة United Chemicals Co.	UNITED CHEMICALS COMPANY		 سيدكو SIDCO
	SAFETY DATA SHEET		
	SDS. No.: RD.SDS.009	Issue No.: 1.3	

1. PRODUCTS AND COMPANY SPECIFICATION		
Product Name PROTEEX BLEACH 12%		
Product Use Bleach for industrial, institutional, swimming pool, and food processing plant use		
Supplier Saudi Industrial Detergents Co. (SIDCO) P.O Box 2571 2 nd Industrial City, Dammam, KSA 31461 Phone No +966 (13) 812-1135 Fax Number +966 (13) 812-1061		
2. COMPOSITION / INFORMATION ON INGREDIENTS		
Hazardous Ingredient	CAS No.	%
Sodium Hypochlorite	7681-52-9	7 - 13
3. HAZARD IDENTIFICATION		
<ul style="list-style-type: none"> • Skin corrosion/irritation • Serious eye damage/eye irritation 		
4. FIRST AID MEASURES		
Eyes : Immediately rinse eyes with plenty of water for at least 15 minutes. Obtain medical attention urgently.		
Skin : Take off contaminated clothing. Rinse skin immediately with plenty of water for 15 – 20 minutes. Seek medical advice.		
Ingestion : Have person sip a glassful of water if able to swallow. Do not induce vomiting. Seek immediate treatment.		
Inhalation : Move to fresh air. If irritation persists or there is any trouble breathing, seek medical attention.		
5. FIRE FIGHTING MEASURES		
Extinguishing Media : Foam, dry powder and carbon dioxide.		
Protective Equipment for Fire Fighting : Fire fighters require the necessary personal protective equipment for chemical fires.		
6. ACCIDENTAL RELEASE MEASURES		
Personal Precautions: Avoid contacts with eyes, skins and clothing. Ensure adequate ventilation. Breathing protection should be worn in enclosed and/or poorly ventilated areas.		
Environmental Precautions: Prevent large spills from entering storm drains or waterways.		
Spillages : Stop source of spill if it can be done without risk. Absorb with inert absorbent materials and place in suitable, covered and labelled containers for proper disposal. Residuals may be washed down to sanitary sewer.		
7. HANDLING AND STORAGE		
Handling : Handle in accordance with good industrial hygiene and safety practice.		
Storage : Store in a cool, dry and ventilated area. Keep container closed.		
8. EXPOSURE CONTROLS / PERSONAL PROTECTION		
Occupational Exposure Standards : Not established		
Eye Protection: Use appropriate eye protection when handling in large quantities		
Hand Protection: Wear impermeable gloves for prolonged exposure		
Skin and Body Protection: No special requirements under normal conditions		
Respiratory Protection: Not normally required under normal use conditions. Wear self-contained breathing apparatus during a spill or clean-up operations.		

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9. PHYSICAL AND CHEMICAL PROPERTIES					
Appearance	Clear liquid; free from any suspended matter.				
pH	13 - 14				
Specific Gravity @ 28°C	1.21 - 1.23				
Active Matter (as % NaOCl)	12 - 14				
Color	Light yellow				
Odor	Chlorine				
Flash Point	None				
Flammability	Not applicable				
Auto-ignition Temperature	Not applicable				
Explosive Properties	Not applicable				
Water Solubility	Soluble in water				
10. STABILITY AND REACTIVITY					
Stability : Expected to degrade in time. Should be used immediately. Stable with acceptable chemical degradation within 6 months when stored under recommended conditions. The high concentration ensures that the bleach when received will be within 10 - 12 % concentration. Conditions to Avoid : High temperature above 30°C Materials to Avoid : Toilet bowl cleaners or other cleaners with ammonia Hazardous Decomposition Products : None					
11. TOXICOLOGICAL INFORMATION					
Not available					
12. ECOLOGICAL INFORMATION					
Persistence / Degradability : Ultimately biodegradable Bio-accumulation : Product is not expected to bioaccumulate Environmental Toxicity : Toxic to fish and other aquatic organisms					
13. DISPOSAL					
Product Disposal : Dispose of in accordance with all applicable local and national regulations. Container Disposal : Where possible, containers should be rinsed with clean water and dispose in line with local regulations					
14. TRANSPORT INFORMATION					
Land, Air, Sea:					
Class:	8				
UN Number:	1791				
Packing Group:	III				
15. REGULATORY INFORMATION					
Risk Phrase(s) :	R 20/21/22 Harmful by inhalation, in contact with skin, and if swallowed				
Safety Phrase(s)	S 2 Keep out of reach of children				
16. OTHER INFORMATION					
HMIS RATING					
Health	<input type="text" value="3"/>	Flammability	<input type="text" value="0"/>	Reactivity	<input type="text" value="0"/>
This material safety data sheet is additional to the technical data sheet but does not replace it. The information given herein, to the best of our knowledge, is correct and given in good faith. It relates to the product in the state in which it is delivered. This product is for the uses specified and should only be used for those purposes. Any other use may involve risks. The user will take sole responsibility for the precautions relating to the use of the product. It is intended to describe our products from the point of view of safety requirements and is not intended to guarantee any particular properties.					
SIDCO is a liquid detergent manufacturing plant under United Chemicals Co. (UCC)					