
 شركة الكيماويات المتحدة United Chemicals Co.	<b>UNITED CHEMICALS COMPANY</b>		 سيدكو SIDCO
	<b>SAFETY DATA SHEET</b>		
	SDS. No.: RD.SDS.074	Issue No.: 1.0	

### 1. PRODUCTS AND COMPANY SPECIFICATION

Product Name	<b>QUATERNARY AMMONIUM CHLORIDE</b>
Product Use	Disinfectant / Sanitizer
Supplier	<b>Saudi Industrial Detergents Co. (SIDCO)</b> P.O Box 2571 2 <sup>nd</sup> Industrial City, Dammam, KSA 31461 Phone No +966 (13) 812-1135 Fax Number +966 (13) 812-1061

### 2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	%
Quaternary Ammonium Compound	85409-22-9	10 – 20
EDTA	64-02-8	2 – 4
Secondary Alcohol	67-63-0	1 – 2
Organic Solvent	111-76-2	1 – 2
Amphoteric Surfactant	61789-40-0	1 - 2

### 3. HAZARD IDENTIFICATION

- Harmful if swallowed or in contact with skin.
- Causes severe skin burns and eye damage.

### 4. FIRST AID MEASURES

Eyes : Flush with water for at least 15 minutes, raising and lowering eyelids occasionally. Get medical attention if irritation persists

Skin : Thoroughly wash exposed area for at least 15 minutes. Remove contaminated clothing. before reuse. Get medical attention if irritation persists

Ingestion: If swallowed, if conscious, give plenty of water. Immediately call a physician or poison control center. Never give anything by mouth to an unconscious person

Inhalation : Remove to fresh air. Give oxygen if breathing is difficult; give artificial respiration if breathing has stopped. Keep person warm, quiet, and get medical attention.

### 5. FIRE FIGHTING MEASURES

Extinguishing Media: Foam, dry powder and carbon dioxide. Do not use direct water-jet on burning material

Protective Equipment for Fire Fighting: Fire fighters require the necessary personal protective equipment for chemical fires.

### 6. ACCIDENTAL RELEASE MEASURES

Environmental Precautions : Prevent entry into waterways

Spillages : Ventilate area of spill. Eliminate all sources of ignition. Remove all non-essential personnel from area. Clean-up personnel should wear proper protective equipment and clothing. Absorb material with suitable absorbent and containerize for disposal

### 7. HANDLING AND STORAGE

Handling : No special protective equipment required

Storage: Store in a cool, dry and ventilated area. Keep away from direct sunlight. Tightly close original container

### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Occupational Exposure Standards : Not established

Respiratory Protection: A NIOSH/MSHA chemical cartridge respirator should be worn if PEL or TLV is exceeded

Hand Protection: Protective gloves; rubber, neoprene, PVC or equivalent



Eye Protection: Splash proof chemical safety goggles should be worn at all times

### 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Clear liquid, free from any impurities
pH	11 - 12
Specific Gravity @ 28°C	0.99 -1.00
Viscosity @ 28°C	Not applicable
Color	Blue
Odor	Solvent
Flash Point	None
Flammability	Non-flammable
Auto-ignition Temperature	Not applicable
Explosive Properties	Not applicable
Water Solubility	Soluble in water

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<b>10. STABILITY AND REACTIVITY</b>	
Stability : Stable Conditions to Avoid : Open flames, sparks, incompatible substances and sunlight Materials to Avoid : Strong oxidizing agents Hazardous Decomposition Products : Carbon monoxide, toxic hydrogen chloride vapors	
<b>11. TOXICOLOGICAL INFORMATION</b>	
Not available	
<b>12. ECOLOGICAL INFORMATION</b>	
Persistence / Degradability : Biodegradable Bio-accumulation : Product is not expected to bioaccumulate Environmental Toxicity : Toxic to fish and other aquatic organisms	
<b>13. DISPOSAL</b>	
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	
<b>14. TRANSPORT INFORMATION</b>	
Air, Sea, Land: Class: UN Number: Packing Group:	8 1903 III
<b>15. REGULATORY INFORMATION</b>	
Risk Phrase(s) :  Safety Phrase(s)	R21/22 – 34 – 50 Harmful in contact with skin and if swallowed. Causes burns. Very toxic to aquatic organisms S2 Keep out of reach of children S26-28-36/37/39-61 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. After contact with skin, wash immediately with plenty of water and soap. Wear suitable protective clothing, gloves and eye/face protection. Avoid release to the environment. Refer to special instructions/safety data sheet.
<b>16. OTHER INFORMATION</b>	
<b>HMIS RATING</b> Health <input type="text" value="3"/> Flammability <input type="text" value="0"/> Reactivity <input type="text" value="0"/>	
<p>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.</p> <p>SIDCO is a liquid detergent manufacturing plant under United Chemicals Co. (UCC)</p>	