


 شركة الكيماويات المتحدة United Chemicals Co.	UNITED CHEMICALS COMPANY			 سیدکو SIDCO
	SAFETY DATA SHEET			
	SDS No.: RD.SDS.073	Issue No.: 1.3	Issue Date: 28.08.2018	

1. PRODUCTS AND COMPANY SPECIFICATION			
Product Name		FORMALDEHYDE 37%	
Product Use		Disinfectant and Preservative	
Supplier		Saudi Industrial Detergents Co. (SIDCO)	
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.	%	
Formaldehyde	50-00-0	37 – 38	
Methanol	67-56-1	10 – 15	
3. HAZARD IDENTIFICATION			
Corrosive. Irritant to eyes and skin. Sensitizer and penetrant to skin. Cause digestive and respiratory tract burns. Prolonged exposure can cause organ damage. Severe over exposure can result in death			
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 was exposed area for at least 15 minutes. Remove contaminated clothing. Wash 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 controlcenter. 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: SMALL FIRE: Use DRY chemical powder. LARGE FIRE: Use alcohol foam, water spray or fog. Cool containing vessels with water jet in order to prevent pressure build-up, auto ignition or explosion. Dike and collect water used to fight fire			
Protective Equipment for Fire Fighting: Firefighter should wear full protective equipment and NIOSH approved self-contained breathing apparatus.			
6. ACCIDENTAL RELEASE MEASURES			
Personal Precautions, Environmental Precautions, Spillages :			
Small Spill: Dilute with water and mop up, or absorb with an inert dry material and place in an appropriate waste disposal container.			
Large Spill: Absorb with dry earth, sand or other non-combustible material. Prevent entry into sewers, basements or confined areas; dike if needed. Neutralize the residue with a dilute solution of sodium carbonate.			
7. HANDLING AND STORAGE			
Handling : No special protective equipment required			
Storage: Store in a segregated and approved area. Keep container in a cool, well-ventilated area. Keep container tightly closed and sealed until ready for use			
Fire : Keep away from ignition sources and naked flame			
8. EXPOSURE CONTROLS / PERSONAL PROTECTION			
Occupational Exposure Standards :			
Respiratory Protection: A NIOSH/MSHA chemical cartridge respirator should be worm if PEL or TLV is exceeded			
Hand Protection: Protective gloves; rubber, neoprene, PVC or equivalent. Gloves (impervious)			
Eye Protection: Splash proof chemical safety goggles should be worn at all times			
9. PHYSICAL AND CHEMICAL PROPERTIES			
Appearance	Clear liquid		
pH (as is)	2-3		
Specific Gravity @ 28°C	1.09-1.10		
Viscosity @ 28°C	n.a.		
Color	Colorless		
Odor	Pungent. Strongly suffocating		
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Flash Point (closed cup)	50 – 85°C
Flammability	Moderate
Auto-ignition Temperature	~ 430°C
Explosive Properties	Not applicable
Water Solubility	Soluble in water

#### 10. STABILITY AND REACTIVITY

Stability : Stable  
 Conditions to Avoid : Heat, ignition sources, incompatible materials  
 Materials to Avoid : Inorganic acids, strong alkali, phenols and strong oxidizers  
 Hazardous Decomposition Products : Toxic vapor, carbon monoxide, carbon dioxide

#### 11. TOXICOLOGICAL INFORMATION

Absorbed through skin. Dermal contact. Eye contact. Inhalation

#### 12. ECOLOGICAL INFORMATION

Persistence / Degradability : 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 Corrosive  
 UN Number: 2209  
 Packing Group: III

#### 15. REGULATORY INFORMATION

Risk Phrase(s) : HMIS: Health: 3, Fire Hazard: 2, Reactivity: 0, Personal Protection: G  
 Safety Phrase(s)

#### 16. OTHER INFORMATION

##### HMIS RATING

Health

3

Flammability

2

Reactivity

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)