
 شركة الكيماويات المتحدة united chemicals co.	<b>UNITED CHEMICALS COMPANY</b>			 سيدكو SIDCO
	<b>SAFETY DATA SHEET</b>			
	SDS. No.: RD.SDS.026	Issue No.: 1.1	Issue Date: 09.08.2015	

### 1. PRODUCTS AND COMPANY SPECIFICATION

Product Name	<b>DUTY BOUND</b>
Product Use	Industrial degreaser
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) 816-6777 Fax Number +966 (13) 812-1061

### 2. COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous Ingredient	CAS No.	%
Organic Solvent	111-76-2	5 – 7
Amphoteric Surfactant	61789-40-0	2 - 4
Sodium Silicate	6834-92-0	2 - 4
Sodium Xylenesulfonate	1300-72-7	1 - 3
Caustic Potash	1310-58-3	1 - 3
EDTA	2001-94-7	< 1

### 3. HAZARD IDENTIFICATION

- Eye and skin irritant

### 4. FIRST AID MEASURES

Eyes : Immediately rinse eyes with plenty of water for at least 15 minutes. Obtain medical attention urgently.

Skin : Remove all contaminated clothing. Vigorously flush all affected areas with water for at least 10 minutes

Ingestion : Wash mouth with water. Dilute ingested chemical with plenty of milk or water. Do not induce vomiting

Inhalation : Remove 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: Keep unnecessary personnel away. Keep people away from and upwind of spill/leak.

Environmental Precautions: Prevent large spills from entering sewers 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.

### 7. HANDLING AND STORAGE

Handling : Avoid contact with eyes. When using, do not eat or drink.

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

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Respiratory Protection: Not normally required under normal use conditions. Wear self-contained breathing apparatus during a spill or clean-up operations.

#### 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Clear liquid, free from impurities.
pH	12.5-13.5
Specific Gravity @ 28°C	1.02-1.03
Viscosity @ 28°C	Not applicable
Color	Dark blue
Odor	Solvent
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 : Stable  
Conditions to Avoid : High temperature  
Materials to Avoid : None  
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: Not regulated  
UN Number:  
Packing Group:

#### 15. REGULATORY INFORMATION

Risk Phrase(s) : R36/R38 Irritating to eyes and skin  
Safety Phrase(s) S2 Keep out of reach of children  
S13 Keep away from food, drink and animal feeding stuff

#### 16. OTHER INFORMATION

##### HMIS RATING

Health  Flammability  Reactivity

This 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)