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|  شركة الكيماويات المتحدة United Chemicals Co. | UNITED CHEMICALS COMPANY | |  سيدكو SIDCO |
| | SAFETY DATA SHEET | | |
| | Doc. No.: RD.SDS.049 | Issue No.: 1.2 | |

1. PRODUCTS AND COMPANY SPECIFICATION

| | |
|--------------|---|
| Product Name | SAFE |
| Product Use | Antiseptic and disinfectant |
| 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 Ingredients | CAS No. | % |
|-----------------------|---------|-------|
| Secondary Alcohol | 67-63-0 | 8 – 9 |
| Terpene Oil | 98-55-5 | 3 – 4 |
| Chloroxylenol | 88-04-0 | 1 – 2 |

3. HAZARD IDENTIFICATION

- For external use only
- 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 : Discontinue use if rash or irritation occurs.
 Ingestion : Get medical help or contact poison control center right away. 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 : For external use only. Avoid contact with eyes. When using, do not eat or drink.
 Storage : Store in a cool, dry and ventilated area. Keep container closed.
 Fire : Keep away from ignition sources and naked flame.

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.

9. PHYSICAL AND CHEMICAL PROPERTIES

| | |
|-------------------------|---------------------------------|
| Appearance | Clear liquid free of impurities |
| pH | 10 – 11 |
| Specific Gravity @ 28°C | 0.98 – 0.99 |
| Viscosity @ 28°C | Not applicable |
| Color | Brown |
| Odor | Pine |
| Flash Point | Not available |
| Flammability | Not available |

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| Doc No.: RD-RDF-20 | Issue No.: 1.1 | Issue Date: 21.04.2017 | Page 1 of 2 |
|--------------------|----------------|------------------------|-------------|



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|---------------------------|-------------------|
| Auto-ignition Temperature | Not available |
| Explosive Properties | Not available |
| Water Solubility | Miscible in water |

10. STABILITY AND REACTIVITY

Stability : Stable
 Conditions to Avoid : Do not mix with other materials
 Materials to Avoid : Acids, Oxidizers
 Hazardous Decomposition Products : May include but not limited to oxides of carbon

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: | Not regulated |
| Air, Sea: | |
| Class: | 3 |
| UN Number: | 1993 |
| Packing Group: | III |

15. REGULATORY INFORMATION

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|------------------|---|
| Risk Phrase(s) : | R22 Harmful if swallowed R36/38 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 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)