1. PRODUCTS AND COMPANY SPECIFICATION

Product Name

SIDCO Methrin 10 EC

Product Use

Pesticide

Supplier

Saudi Industrial Detergents Co. (SIDCO)

P.O Box 2571 2nd Industrial City, Dammam, KSA 31461

Phone No +966 (13) 816-6777

Fax Number +966 (13) 812-1061

2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	%
Hydrocarbon solvent	1330-20-7	75 - 80
Cypermethrin	52315-07-8	9 - 11

3. HAZARD IDENTIFICATION

- Flammable
- Harmful if swallowed
- Very toxic to aquatic organisms

4. FIRST AID MEASURES

Eyes: Moderate irritant to eyes. Rinse with plenty of water while keeping eyelids open

Skin: Nonirritant to skin. Remove contaminated clothing and wash affected area with soap and water

Ingestion: Toxic if swallowed. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by doctor.

Inhalation: Irritant to respiratory system. Remove to fresh air

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: Remove contaminated clothes immediately. Don't eat , drink , or smoke in any contaminated areas.

Environmental Precautions: Prevent entry into drains, sewers and watercourses

Spillages: Sweep or vacuum up, collect in suitable container for disposal.

7. HANDLING AND STORAGE

Handling : Wear gloves , safety glasses or goggles

Storage : Store in well ventilated, secure area , out of reach of children and domestic animals

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Occupational Exposure Standards : ADI: 0.02 mg/kg bw

Eye Protection: Wear safety goggles

Hand Protection: Wear chemical resistant gloves

Skin Protection: Avoid contact with skin. Wear full protective suit

Respiratory Protection: Use mechanical ventilation.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Liquid
pH	3 – 5
Specific Gravity @ 20°C	0.90 – 0.95
Viscosity @ 28°C	N/A
Color	Yellow
Odor	Aromatic
Flash Point	47˚C
Flammability	Flammable

Auto-ignition Temperature	N/A
Explosive Properties	N/A
Water Solubility	Emulsifiable

10. STABILITY AND REACTIVITY

Stability : Stable for 2 years under normal conditions
Conditions to Avoid: Sunlight, hot and cold temperature.
Materials to Avoid: None under normal conditions.
Hazardous Decomposition Products : Toxic fumes of hydrogen cyanide and oxides of carbon and nitrogen

11. TOXICOLOGICAL INFORMATION

Toxic – EPA II

12. ECOLOGICAL INFORMATION

Persistence / Degradability : DT_{50}: 60 D
Bio-accumulation: Strongly adsorbed from solution by solid surface which restrict its movement in air and water.
Environmental Toxicity : LD 50: 0.035µg/bee

13. DISPOSAL

Product Disposal: by incineration in an appropriate licensed commercial incinerator.
Container Disposal : lightly contaminated container may be accepted for landfill, otherwise incineration is required

14. TRANSPORT INFORMATION

Land, Air, Sea:

Class:	6.1
UN Number:	3351
Packing Group:	III

15. REGULATORY INFORMATION

Risk Phrase(s) :	R10: Flammable
	R22: Harmful if swallowed
	R43: May cause sensitisation by skin contact
	R50: Very toxic to aquatic organisms
Safety Phrase(s)	S2: Keep out of reach of children
	S24: Avoid contact with skin
	S36,37,39: Wear protective clothing gloves and eye/ face protection
	S60: This material and its container must be disposed of as hazardous material
	S61: Avoid release to the environment

16. OTHER INFORMATION

HMIS RATING

Health	3	Flammability	2	Reactivity	1

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)