Acute Toxicity Categories for Pesticide Products

Hazard Indicators	I	II	III	IV
Eye irritation.....	Corrosive; corneal opacity not reversible within 7 days	Corneal opacity reversible within 7 days; irritation persisting for 7 days	No corneal opacity; irritation reversible within 7 days	No irritation

3. ACUTE ORAL TOXICITY OF A 2% SOLUTION OF F10 SUPERCONCENTRATE (BATCH: 071202)

The test system was in accordance with the OPPTS 870.1100: Acute Oral Toxicity Standards.

Acute oral toxicity tests had been conducted on a 100% (undiluted) solution of F10 Superconcentrate, batch 071202 (Report No A34-01-06 dated 10/08/06). In the study eight female Sprague Dawley rats, 50 days of age were used. Only young healthy animals were admitted to the study. No animals were withdrawn from the study. A total of three dosage groups were used in the study. The dosage groups were chosen on the basis of previous literature, which indicates that the dermal toxicity of F10 Superconcentrate is very low.

The study indicated that the oral toxicity of the F10 Superconcentrate formulation lies between 2000 and 5000 mg/kg.

For a 2% solution of F10 Superconcentrate the oral toxicity will be >5,000 mg/kg.

According to EPA Toxicity Categories this falls within category IV.

Acute Toxicity Categories for Pesticide Products

Hazard Indicators	I	II	III	IV
Oral LD50.....Up to and including 50 mg/kg		50 thru 500 mg/kg	500 thru 5,000 mg/kg	>5,000 mg/kg

4. DETERMINATION OF THE ACUTE DERMAL TOXICITY OF F10 SUPERCONCENTRATE (BATCH: 071202)

The test system was in accordance with the OPPTS 870.1200: Acute Dermal Toxicity Standards.

Acute dermal toxicity test had been conducted on a 100% (undiluted) solution of F10 Superconcentration batch 071202 (Report No A35-01-06 dated 13 Sep 2006). Fifteen female Sprague Dawley rats, 50 days of age were used.

Only young healthy animals with no skin lesions were admitted to the study. No animals were withdrawn from the study.

A total of three dosage groups were used in this study. The dosage groups were chosen on the basis of previous literature, which indicates that the dermal toxicity of F10 superconcentrate is very low.

The first group was treated with a concentration of 300mg/kg F10 super concentrate, the second group with 2000 mg/kg and the third with 5000 mg/kg.

The animals were observed 2 hours after exposure and once every day thereafter for a period of 14 days for signs of toxicity.

No toxicological symptoms were recorded in any of the experimental groups during the study period. Furthermore no pathological legions were recorded in any of the animals at the post mortems. There were also no significant weight loss recorded

This study indicated that the dermal toxicity of the F10 Superconcentrate formulation lies above 5000 mg/kg.

For a 2% solution of F10 Superconcentrate the dermal toxicity dose will be above 20,000 mg/kg.

According to EPA Toxicity Categories this falls within category IV.

Acute Toxicity Categories for Pesticide Products

Hazard Indicators	I	II	III	IV
Dermal LD50.....	Up to and including 200 mg/kg	200 thru 2000 mg/kg	2000 thru 20,000 mg/kg	>20,000 mg/kg

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