

## MATERIAL SAFETY DATA SHEET

### Product Identification

Trade Name: E-pro

Product Name : Ethoprophos 10%Granule

### Hazardous Components and Contaminants

Ethoprophos	10%
Manufacturing impurities	2%

### Typical Physical and Chemical Properties

Appearance	: Granule
Odor	: Weak characteristic odor
Solubility in water	: Insoluble

### Health Effects and Toxicity Data

#### Toxicological Data of active ingredient:

Oral LD<sub>50</sub> (rat) : 31-62mg/kg  
Dermal LD<sub>50</sub> (rat) : 226mg/kg  
Inhalation LC<sub>50</sub> (rat) : 250mg/l

#### Oral toxicity:

Moderately toxic

#### Dermal toxicity:

Moderately toxic

#### Inhalation toxicity:

Toxic effect is not likely

#### Skin irritation:

Mild- irritant

#### Eye irritation:

Mild-irritant

### First Aid Procedure

#### Eye contact:

Flush eyes with large amount of water until irritation subside. If irritation persists, get medical attention.

#### Skin contact:

Flush with large amount of water; use soap or detergent if available. Remove grossly contaminated clothing, including shoes, and launder before reuse.

Inhalation:

Wearing proper respiratory protection before rescues. Immediately remove the affected victim from exposure to an area of fresh air. Administer artificial respiration if breathing is stopped. Keep at rest. Call for prompt medical attention.

Ingestion:

If swallowed, DO NOT induce vomiting. Keep at rest. Get prompt medical attention

**Fire and Explosion Hazard**

Fire and explosion hazard:

Low hazard,

Firefighting media:

Foam, dry chemical or water spray to extinguish fire

Firefighting precaution:

Prevent contaminated liquid from entering sewers, watercourses, or low area.

**Reactivity**

Reactivity:

This product should not occur any hazardous polymerization

Incompatibilities:

Avoid mixing with strong acid, strong base and strong oxidizing agent.

Decomposition:

No unusual

Polymerization:

Not happen

**Spill and Leak Control Procedure**

Prevent additional discharge of material, if possible to do so without hazard. Prevent liquid from entering sewers, watercourse or low area. For spills in public area, keep public away and advise local authorities.

Control procedure:

- Contain spilled liquid with sand or earth
- Recover by pumping or with a suitable absorbent.
- Consult an expert on disposal of recovered material and ensure conformity to local disposal regulations.

**Protective Equipment**

For open system where contact is likely, wear safety glasses with side shields, long sleeves, and chemical resistant gloves. NIOSH/MSHA approved or

equivalent respirators may be necessary to prevent overexposure by inhalation. The use of local exhaust ventilation is recommended to control process emission near the source.

**Storage and Transportation**

Storage:

- Store away from food and feed stock
- Ambient temperature
- Atmospheric pressure

Transportation:

N.A.