

## **Technical Safety Data Sheet**

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**Equipment Name:** Oil Filter Crusher (Kruncher)

**Manufacturer:** Enviro-Care Kruncher Corp.

**Address**

Waterloo, Ontario Canada

**Telephone Number:** (519) 725-9285

**Date Prepared:** December 11, 1997



**Equipment Description:** This equipment is used to compact oil filters using hydraulic cylinders (shear and plunger). The oil filters are dropped into the feed chamber through a top load hopper. The shear cylinder pushes the oil filters from the feed chamber into the densifying chamber. As the filters enter the densifying chamber, a blade shears off any portion of the filters which is above the feed chamber height (3.5"). The plunger cylinder compacts the oil filters.

### **Precautions for Safe Handling and Use:**

Do not open the access cover while equipment is in operation.

Crush only oil filters in this equipment.

Wear cut-resistant gloves while removing crushed oil filters.

Shut off the electrical power before commencing any maintenance or repair work.

# DRAFT

Operate equipment in accordance with manufacturer's instructions (User Manual for Kruncher (Enviro-Care Kruncher Corp.).

## Health Hazard Data

**Chemical Hazard:** None observed

**Physical Hazard:** The equipment access cover does not have an interlock to prevent operation of the equipment with the cover open, exposing the operator to moving parts and electrical connections.

**Environmental Hazard:** The hopper does not have a cover to prevent rain water from entering the reservoir. During heavy rains this could cause the oil to spill out onto the ground.

**Biological Hazard:** None observed

**Ergonomic Hazard:** None observed

## Control Measures

**Respiratory Protection:** None

**Ventilation Requirements:** None

**Eye Protection:** None

**Protective Gloves:** Wear cut-resistant gloves while removing crushed oil filters.

**Protective Clothing:** None

**Posting Requirements:** "Flammable", "No Smoking" signs and PPE requirements should be posted in the equipment operating area.