

**MATERIAL SAFETY DATA SHEET**

OSTREM CHEMICAL CO. LTD.  
2310 - 80 AVENUE  
EDMONTON AB T6P 1N2

Phone: (780) 440-1911  
In Case of Emergency Only:  
Phone CANUTEC: (613) 996-6666

Date completed: Mar. 31, 2000

**PRODUCT NAME:** COMBAT YELLOW  
**OTHER NAME:** CONSUMER CARE™ COMBAT YELLOW  
**DISTRIBUTED BY:** CONSUMER CARE™ JANITORIAL SUPPLIES

**CODE: J834**

**WHMIS CLASSIFICATION:** D2B  
**TDG CLASSIFICATION:** Not Regulated

---

<b>HAZARDOUS INGREDIENTS</b>	<b>%WT/WT</b>	<b>CAS NO.</b>	<b>TOXICITY DATA (LD<sub>50</sub> &amp; LC<sub>50</sub>)</b>
Citric Acid	7-13	77-92-9	LD <sub>50</sub> Oral (rat) 5040 mg/kg

---

**PHYSICAL DATA FOR PRODUCT**

Physical State: Liquid                      Sp. Gravity: Not Avail.                      pH: Acidic  
Boiling Point: Not Avail.                      Vapour Pressure: Not Avail.  
Vapour Density: Not Avail.                      Evaporation Rate: Not Avail.  
Freezing Point: Not Avail.  
Solubility in Water: 100%  
Appearance & Odour: Clear liquid with no particular odour.

**FIRE AND EXPLOSION DATA FOR PRODUCT**

Flash Point (Test Method): N/A  
Flammable Limits in Air, % by vol. Lower: N/A      Upper: N/A  
Fire Extinguishing Substances: (X) Water Fog (X) Foam (X) CO<sub>2</sub>  
(X) Dry Chem ( ) Other:  
Hazardous Combustion Products: Will produce carbon oxides.

Special Firefighting Procedures: As for surrounding fire.

**REACTIVITY DATA FOR PRODUCT**

Incompatibility: ( ) Water (X) Oxidizing Material ( ) Acid ( ) Base  
( ) Other:  
Hazardous Decomposition Products: Carbon monoxide, carbon dioxide.

Chemical Stability: Stable.

\*N/A - Not applicable.

Product Name: **COMBAT YELLOW**

**HEALTH HAZARD INFORMATION FOR PRODUCT**

**EMERGENCY and FIRST AID PROCEDURES**

Inhalation: N/A.

Ingestion: Do not induce vomiting. Drink large quantities of milk or water. Get medical attention.

Eyes: Rinse with plenty of water for 15 minutes.

Skin: Rinse with water.

**EFFECTS OF OVEREXPOSURE (Acute and Chronic)**

Inhalation: No effect.

Ingestion: May cause nausea, vomiting and diarrhea.

Eyes: Causes temporary discomfort and redness.

Skin: May cause mild irritation and defatting of tissue on prolonged contact.

**PREVENTIVE MEASURES**

Steps to be taken upon release or spillage (including neutralizing):

For larger spills, contain and pick-up. For small spills, wash area with water.

Waste disposal method:

Dispose in accordance with federal, provincial and local regulations in designated landfill site.

Handling and Storage Requirements:

Store in cool, well ventilated, area away from strong oxidizers. Keep container closed when not in use.

Ventilation Requirements (Local or General):

General ventilation is sufficient.

Respiratory Protection:

Not normally necessary.

Eye Protection:

Safety goggles are recommended.

Other Protection:

Rubber or plastic gloves should be worn to minimize prolonged contact with skin.