### **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: OSTRO SAN CODE: J465

OTHER NAME: CONSUMER CARE™ MILDEW REMOVER

DISTRIBUTED BY: CONSUMER CARE™ JANITORIAL SUPPLIES

WHMIS CLASSIFICATION: Not Controlled (PCP No. 13280, DIN 00373176)

TDG CLASSIFICATION: Not Regulated

HAZARDOUS INGREDIENTS	%WT/WT	CAS NO.	TOXICITY DATA (LD <sub>50</sub> & LC <sub>50</sub> )
n - Alkyl (60% $C_{14}$ , 30% $C_{16}$ , 5% $C_{12}$ , 5% $C_{18}$ ), dimethy benzyl ammonium chloride	10%	68424-85-1	LD <sub>50</sub> Oral (rat) 4000 mg/kg

#### PHYSICAL DATA FOR PRODUCT

Physical State: Liquid Sp. Gravity: 0.994 pH: 6.6 1% sol. - 7.7

Boiling Point: 100°C Vapour Pressure: N/A

Vapour Density: N/A Evaporation Rate: Not Available

Freezing Point: 0°C Solubility in Water: 100%

Appearance & Odour: Clear, colorless liquid with slight almond smell.

#### FIRE AND EXPLOSION DATA FOR PRODUCT

Flash Point (Test Method): N/A

Flammable Limits in Air, % by vol. Lower: None Upper: N/A Fire Extinguishing Substances: ( ) Water Fog (X) Foam (X) CO<sub>2</sub>

() Dry Chem () Other:

Hazardous Combustion Products: See Hazardous Decomposition Products.

Special Firefighting Procedures: Wear self-contained breathing apparatus and full protective clothing.

#### REACTIVITY DATA FOR PRODUCT

Incompatibility: ( ) Water (X) Oxidizing Material ( ) Acid ( ) Base

() Other:

Hazardous Decomposition Products: Thermal decomposition may produce: Carbon dioxide,

carbon monoxide, ammonia, nitrous oxides and hydrogen chloride.

Chemical Stability: Stable.

<sup>\*</sup>N/A - Not applicable.

Product Name: OSTRO SAN

## **HEALTH HAZARD INFORMATION FOR PRODUCT**

**EMERGENCY and FIRST AID PROCEDURES** 

Inhalation: Remove from exposure. If breathing is difficult or discomfort persists, get medical

attention.

Ingestion: Drink milk, egg whites, gelatin solution or if these are not available drink large

quantities of water. Call a physician. Do not induce vomiting.

Eyes: Flush with plenty of water for 15 minutes. Get medical attention.

Skin: Flush with water.

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

Inhalation: None.

Ingestion: May cause mucosal damage, nausea, vomiting and diarrhea.

Eyes: Avoid contact with eyes. Will cause irritation.

Skin: Avoid prolonged contact with skin. Irritation may occur.

#### **PREVENTIVE MEASURES**

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

Flush with water. Mop up.

Waste disposal method:

Local, provincial and federal regulations concerning health and pollution should be

observed to determine approved disposal procedures.

Handling and Storage Requirements:

Keep container closed when not in use. Store away from strong oxidizers and

reducing agents.

Ventilation Requirements (Local or General):

General ventilation should be sufficient.

Respiratory Protection:

Approved respiratory protection should be used if product is misted.

Eye Protection:

Not normally necessary. Safety glasses may be worn.

Other Protection:

Not normally necessary, rubber gloves may be worn.

Prepared by: Technical Services Department, Ostrem Chemical Co. Ltd., Ph (780) 440-1911