

MATERIAL SAFETY DATA SHEET



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In Case of Emergency Only:
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Date completed: Nov. 1, 2005

PRODUCT NAME: OSTRO SAN
OTHER NAME:
DISTRIBUTED BY: CALTECH TECH SERVICES

CODE: J465

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

HAZARDOUS INGREDIENTS	%WT/WT	CAS NO.	TOXICITY DATA (LD₅₀ & LC₅₀)
n - Alkyl (60% C ₁₄ , 30% C ₁₆ , 5% C ₁₂ , 5% C ₁₈), dimethy benzyl ammonium chloride	10%	68424-85-1	LD ₅₀ 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) CO₂
() 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.

*N/A - Not applicable.

Product Name: **OSTRO SAN**

HEALTH HAZARD INFORMATION FOR PRODUCT

EMERGENCY and FIRST AID PROCEDURES

Inhalation: Move 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: Vapor or mist may cause irritation of mucous membranes.

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.