



# Cyndet

Non-Ionic Liquid Germicidal Detergent

## DESCRIPTION

**Cyndet** is a liquid deodorizer, cleaner and disinfectant that cleans all hard surfaces not adversely affected by water. **Cyndet** is formulated with nonionic detergents, is safe for use on metals and can be diluted in warm or cold water. **Cyndet** leaves a pleasant fragrance after killing odour-causing bacteria.

**Cyndet** is excellent for use in hospitals, schools and in all other commercial or industrial buildings. It cleans all types of soiled areas and contains a potent quaternary germicide that is effective on all hard, non-porous surfaces including floors, walls, porcelain, ceramic tiles, terrazzo and fixtures.

## SPECIAL INFORMATION

Canadian DIN#: 00561290

### **Guarantee**

n-alkyl (50% C<sub>14</sub>, 40% C<sub>12</sub>, 10% C<sub>16</sub>) dimethyl benzyl ammonium chloride 1.44%

**Cyndet** is a Canadian Food Inspection Agency (CFIA) approved product for use in registered food processing plants. Surfaces in direct food contact must be rinsed with potable water.

**Cyndet** is also BC Kosher approved.

## DIRECTIONS

### **Scrubbing or damp mopping surface of floor finishes:**

Use 6 ml of **Cyndet** per litre of cold or lukewarm water (0.8 oz/gallon) (1:170).

### **For heavily soiled floors:**

Use 12 ml of **Cyndet** per litre of water (12 ml/litre) (1:85).

### **For cleaning walls, fixtures, washrooms:**

Use 30 ml of **Cyndet** per litre of water (4 oz/gallon) (1:32).

### **For disinfection of walls, fixtures and washrooms:**

30 mL of **Cyndet** per litre of water makes an effective bacterial killing solution. Allow surface to remain wet for 10 minutes then remove the excess liquid. Prepare a fresh solution for each use. At this dilution **Cyndet** is a registered disinfectant.

Do not use on fabrics.

## PHYSICAL DATA

Appearance	Clear liquid
Color	Yellow
Foam	Medium
Odor	Fresh
pH	12.5 – 13.5

# MATERIAL SAFETY DATA SHEET

## SECTION 1 – PRODUCT/MANUFACTURER'S IDENTITY

Product Name: **CYNDET**      WHMIS CODE:      DIN Registered  
 Product Use:    *Non-ionic Liquid*      Proper Shipping Name: N/A  
                   *Germicidal Detergent.*      Hazard Class:      N/A  
                   **Canadian DIN 00561290**      UN Number:      N/A

HMIS	
3	Health
0	Flammability
0	Reactivity
B	Personal

A=Goggles, B=Goggles & Gloves  
 C=Goggles, Gloves and Apron

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 Phone: (604) 526-5655

### EMERGENCY PHONE

Canada: Canutec 613-996-6666  
 U.S.A.: Chemtrec 800-424-9300

ABBREVIATION KEY: N/A=Not Applicable, N/E=Not Established, N/D=Not Determined, > =Greater Than

## SECTION 2 – HAZARDOUS INGREDIENTS INFORMATION

INGREDIENT	CAS NO.	RANGE %	PEL	TLV
<b>ALKYL DIMETHYL BENZYL AMMONIUM CHLORIDE</b>	68424-85-1	1.0-5.0	N/A	N/A
LD50 (oral rat)      330 mg/kg				
LD50 (dermal)      1182 mg/kg				
LC50      N/A				
<b>SODIUM METASILICATE</b>	6834-92-0	1.0-5.0	N/D	N/D
LD50 (oral rat)      1153 mg/kg				
LD50 (dermal)      N/D				
LC50      N/D				
<b>ALCOHOL ETHOXYLATE</b>	68439-46-3	5.0-15.0	N/A	N/A
LD50 (oral rat)      1376 mg/kg				
LD50 (dermal rabbit)      >2 g/kg				

## SECTION 3 – PHYSICAL DATA

**Color and Odor:** Yellow, floral odor.      **Boiling Point:** N/D      **Vapor Pressure (mm HG):** N/D      **pH:** >13.0.  
**Physical State:** Liquid.      **Melting Point:** N/A      **Vapor Density:** N/D      **Specific Gravity:** 1.04 @ 20°C  
**Coef. Water/Oil Dist:** Greater than 1.0      **Evaporation Rate:** N/D      **Solubility in Water:** Soluble      **Odor Threshold:** No Data

## SECTION 4 – FIRE AND EXPLOSION HAZARD DATA

**Flash Point and Method:** None to 100°C (TCC)      **Sensitivity to Mechanical Impact:** None.      **Extinguishing Media:** Not flammable.  
**Flammable Limits:** None known.      **Sensitivity to Static Discharge:** None.      **Auto ignition Temperature:** None known.  
**Conditions of Flammability:** None.  
**Unusual Fire and Explosion Hazards:** None known.  
**Hazardous Combustion Products:** Carbon and Nitrogen oxides, Ammonia and other irritating vapors.  
**Special Fire Fighting:** Wear full protective equipment, including a NIOSH/MSHA approved, self-contained breathing apparatus for fire fighting situations. Use water spray to cool all nearby fire exposed surfaces.

## SECTION 5 – REACTIVITY DATA

**Chemical Stability:** Stable under normal storage conditions.      **Hazardous Polymerization:** Will not Occur.  
**Incompatibility (material to avoid):** Strong oxidizing and reducing agents, acids.  
**Hazardous Decomposition Products:** Carbon and Nitrogen oxides, Ammonia and other irritating vapors.

## SECTION 6 – TOXICOLOGICAL DATA

**Exposure Limits:** See Section 2 under Hazardous Ingredient.      **Sensitization:** None known.  
**Routes of Entry:** Skin & eye contact, skin absorption, inhalation, and ingestion.      **Carcinogenicity:** None known.  
**Irritancy of Product:** Corrosive to skin, eyes and respiratory system.      **Mutagenicity:** None known.  
**Name of Toxicological Synergistic Product:** None known.      **Reproductive Toxicity:** None known.  
**Teratogenicity:** None known.  
**Effects of Chronic Exposure:** Prolonged or repeated exposure may cause skin irritation or dermatitis, respiratory disorder.  
**Effects of Acute Exposure to Product:** Product exposure may irritate or burn skin and eyes. Harmful if absorbed through skin. Inhaling vapors or mists may irritate mucous membranes. Prolonged inhalation exposure may cause headaches, nausea, etc. Ingestion may cause burning pain and severe swelling, affecting ability to breathe. May be fatal if swallowed

## SECTION 7 – PREVENTATIVE AND CONTROL MEASURES

**Respiratory Protection:** Use a NIOSH/MSHA approved dust/mist respirator if product is misted/sprayed in a confined area or for > 5-10 minutes use.  
**Ventilation:** Good general ventilation or local exhaust ventilation for spraying and misting in confined areas.  
**Protective Gloves:** Natural or butyl rubber, nitrile or neoprene gloves.  
**Eye Protection:** Chemical goggles, safety goggles or glasses.  
**Protective Clothing and Equipment:** Long sleeve coveralls. Eye wash recommended in the immediate work area.  
**Storage and Handling Procedures:** Use good industrial hygiene. Do not get in eyes. Avoid contact with skin and clothing. Avoid breathing sprays or mists. Store in a cool, dry place away from incompatibles. Keep container closed when not in use. Do not mix with any other chemicals. Store at temperatures below 30°C (86°F) and keep from freezing.  
**Disposal Procedures for Spills or Leaks:** Wear protective equipment. Dike and contain large spills. Pump spills into an approved waste container. For small spills, soak up with a suitable absorbent such as clay, soil or commercially available absorbents, and then dispose of into an approved waste container. Keep away from sewers and out of natural waters.  
**Waste Disposal Method:** Reuse if possible, or otherwise dispose recovered material in accordance with all local, Provincial or Federal Regulations.  
**Special Shipping Information:** Store at temperatures below 30°C (86°F) and keep from freezing.

## SECTION 8 – EMERGENCY FIRST AID PROCEDURES

**First Aid:**  
 If swallowed, give plenty of clean water to drink to dilute product. Do not induce vomiting. Call a Physician. In case of contact with eyes, flush with clean water for 15 minutes. Get medical attention. For contact with skin, wash with clean water and rinse well. If irritation occurs or persists, get medical attention.

## PREPARATION DATA

PREPARED BY: Technical Service / Regulatory Division      PHONE: 604-526-5655      LAST UPDATE: 07/04/11  
 THE INFORMATION PROVIDED IN THIS MATERIAL SAFETY DATA SHEET HAS BEEN OBTAINED FROM CURRENT SOURCES AND IS BELIEVED TO BE RELIABLE