



# Material Safety Data Sheet

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## Flexo BD

**Use:** Biodegradable Industrial Cleaner  
**Code:** FH644D

**Date of MSDS:** March 6, 2015

**WHMIS:** D2B

**TDG:** not applicable

**HMIS:** Health - 2, Flammability - 0, Reactivity - 0, PPE - B

**Emergency Telephone #**  
**CANUTEC 613-996-6666**

### I - HAZARDOUS INGREDIENTS

Chemical Name	Wt/Wt %	CAS #	LD50 (mg/kg)	LC50
Surfactant Blend	7-13	68131-39-5	>2000 oral rat	not available
Tetrasodium Ethylene Diamine Tetraacetate	1-5	64-02-8	3030 oral rat	not available

### II - PHYSICAL DATA

**Physical State:** clear liquid

**Oil/Water Factor:** not available

**Evaporation Rate:** as for water

**Specific Gravity:** 1.04 ± 0.01

**Viscosity:** water thin

**pH:** 11.5 maximum

**Odour Threshold:** not available

**Boiling Point (°C):** 96

**Vapour Pressure:** not available

**Vapour Density:** not available

**Odour/Appearance:** soap/ clear yellow

**Freezing Point (°C):** not available

### III - FIRE AND EXPLOSION DATA

**Flash Point and Test Method:** none

**Sensitivity to Static Discharge or Mechanical Impact:** not available

**Hazardous Combustion Products:** oxides of carbon

**Means of Extinction:** Alcohol foam, carbon dioxide, or dry chemical.

Firefighters should wear self-contained breathing apparatus.

**LFL:** not established

**UFL:** not established

**Conditions of Flammability:** not flammable

**Auto-Ignition Temperature:** not available

### IV - REACTIVITY DATA

**Conditions of Chemical Instability:** stable

**Incompatible Substances:** strong oxidizers, acids

**Storage Requirements:** store in closed containers away from incompatible materials

**Conditions of Reactivity:** not applicable

**Hazardous Decomposition Products:** not available

### V - TOXICOLOGICAL PROPERTIES

**Synergistic Materials:** none known

**Route(s) of Entry:** skin, eyes, ingestion, inhalation, absorption

**Irritancy of Product:** hazardous

**Sensitization:** none known

#### Acute Effects

**Eye:** contact may cause moderate to severe irritation

**Skin:** can cause irritation

**Inhalation:** can cause irritation to the respiratory system

**Ingestion:** can cause vomiting, headache and medical problems

**Prolonged or Repeated Exposure:** **Skin** - Can cause drying, defatting & dermatitis.

May be absorbed through skin in toxic amount.

#### Chronic Effects

**Carcinogen:** none known

**Teratogen:** none known

**Mutagen:** none known

**Reproductive Toxin:** none known

### VI - FIRST AID MEASURES

**Eye Contact:** Immediately flush with water for 15 minutes. If irritation persists, contact a physician.

**Skin Contact:** Immediately flush with water for 15 minutes. Contact a physician if irritation develops.

Completely decontaminate clothing, shoes and leather or discard.

**Inhalation:** Remove to fresh air. If symptoms persist, contact a physician.

**Ingestion:** Do not induce vomiting. Rinse mouth with water, then drink one glass of water. Contact a physician immediately. Never give anything by mouth if victim is unconscious, is rapidly losing consciousness or is convulsing.

### VII - PROTECTIVE EQUIPMENT

#### Personal Protective Equipment:

**Eyes:** safety glasses recommended

**Skin:** impermeable gloves recommended

**Respiratory:** not normally required if good ventilation is maintained

**Ventilation:** General ventilation normally adequate. Local exhaust for large scale or elevated temperature use.

### VIII - SPECIAL MEASURES

**For Leaks or Spills:** Small spills may be absorbed with non-reactive absorbent and placed in suitable, covered labeled containers. Prevent large spills from entering sewers or waterways. Contact emergency services and supplier for advice.

**Waste Disposal:** Review all Federal, Provincial and local regulations prior to disposal.

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