



# Material Safety Data Sheet

FI500NB

**Flexo Products Limited** 4777 Kent Avenue, Niagara Falls, ON L2H 1J5  
**Phone:** (905) 354-2723 **Fax:** (905) 354-1301 **Web Site:** www.flexoproducts.com

## I – CHEMICAL PRODUCT & COMPANY IDENTIFICATION

**Indo 500NB****Use: Cleaner/Degreaser****Code:** FI500NBD, J, P**Date of MSDS:** December 1, 2014**WHMIS:** D2B, E

<b>HMIS:</b>	Health	2
	Flammability	0
	Reactivity	0
	PPE	B

**TDG CLASSIFICATION:** CORROSIVE LIQUID, BASIC, INORGANIC,  
N.O.S. (sodium metasilicate) Class 8 UN3266 PGII

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

## 2 – HAZARD IDENTIFICATION

**Irritancy of Product:** CORROSIVE  
**Physical State:** liquid  
**EMERGENCY:** DANGER, CORROSIVE

**Principle Routes of Exposure:** Eye contact. Skin contact. Inhalation, Ingestion

### Acute Effects

**Eye Contact:** Causes irreversible damage.

**Skin Contact:** May causes skin burn.

**Inhalation:** May cause severe irritation effects to nose, throat and respiratory tract system.

**Ingestion:** Harmful if swallowed.

See Toxicological information (section 11 and 3)

## 3 – COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	Wt/Wt %	CAS #	LD50 (mg/kg - oral rat)	LC50
Sodium Metasilicate	1-5	6834-92-0	800	not available
Tetrasodium Ethylene Diamine Tetraacetate	3-7	64-02-8	3030	not available
Anionic/Nonionic Blend	1-5	not available	not available	not available

## 4 - FIRST AID MEASURES

**Eye Contact:** Immediately flush eyes with running water for 15-20 minutes, keeping eyelids open. Get medical attention immediately.  
**Skin Contact:** Immediately flush with plenty of water for 15-20 minutes. If irritation persists, get medical attention.  
**Inhalation:** If breathing is affected, remove to fresh air. If symptoms persist, get medical attention.  
**Ingestion:** If swallowed, give a cupful of water or milk. IMMEDIATELY CONTACT A PHYSICIAN OR POISON CENTER. DO NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person.  
**Note to Physician:** If the product is ingested, probable mucosal damage may contraindicate the use of gastric lavage. Treat the affected person appropriately.

## 5 - FIRE FIGHTING MEASURES

**Suitable Extinguishing Media:** Use dry chemical, CO<sub>2</sub>, water spray or "alcohol" foam.

**Specific Hazards:** None Known

**Specific Methods:** No special methods required.

**Special Protective Equipment for Firefighters:** As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

<b>Conditions of Flammability:</b>	not flammable
<b>UFL:</b>	not available
<b>LFL:</b>	not available
<b>Flash Point and Test Method:</b>	considered a none flammable product
<b>Sensitivity to Static Discharge or Mechanical Impact:</b>	not applicable
<b>Auto-Ignition Temperature:</b>	not applicable
<b>Hazardous Combustion Products:</b>	oxides of carbon
<b>Means of Extinction:</b>	treat for surrounding material & fire

## 6 – ACCIDENTAL RELEASE MEASURES

**Personal Precautions:** Use suitable protective equipment (Section 8). Keep out of reach of children.

**Environmental Precautions:** Keep container in a cool, well-ventilated area. Keep container tightly closed. Do not allow to enter drains or watercourses.

**Methods for Cleaning Up:** Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container. Water runoff can cause environmental damage.

## 7 – HANDLING & STORAGE

**Handling:** Avoid contact with skin, eyes and clothing. Do not taste or swallow. Avoid breathing vapors or mists.

**Storage Requirements:** Keep out reach of children. Keep container in a cool, well-ventilated area. Keep container tightly closed. Protect from freezing.



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## 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION

**Engineering Measures to Reduce Exposure:** Good general ventilation should be sufficient to control airborne levels. Respiratory protection is not required if good ventilation is maintained.

### Personal Protective Equipment

**Eye Protection:** Chemical-splash goggles for handling concentrate.  
**Hand Protection:** Chemical-resistant gloves for handling concentrate.  
**Skin & Body Protection:** Wear suitable protective clothing. Use impervious gloves.  
**Respiratory Protection:** In case of insufficient ventilation wear suitable respiratory equipment. Appropriate NIOSH/MSHA respiratory protection must be used.

**Hygiene Measures:** Handle in accordance with good industrial hygiene and safety practice.

**Ventilation:** general ventilation normally adequate

## 9 - PHYSICAL & CHEMICAL PROPERTIES

<b>Physical State:</b> liquid	<b>Viscosity:</b> water thin	<b>Vapour Pressure:</b> not available	<b>Oil/Water Factor:</b> not available
<b>Appearance:</b> clear Blue	<b>pH:</b> 12.5-13.00	<b>Vapour Density:</b> similar	<b>Evaporation Rate:</b> similar
<b>Odour:</b> mild	<b>Specific Gravity:</b> 1.04-1.06	<b>Boiling Point (°C):</b> not available	<b>Odour Threshold:</b> not available
<b>Freezing Point (°C):</b> < less than 0			

## 10 – STABILITY & REACTIVITY t

**Stability:** stable  
**Polymerization:** hazardous polymerization does not occur  
**Hazardous Decomposition Products:** may yield to oxides of carbon & low molecular weight hydrocarbons  
**Conditions of Reactivity:** avoid extreme hot and cold temperatures  
**Incompatible Substances:** strong acids & alkalis, chlorinated products, other disinfectants  
**Storage Requirements:** store in closed containers away from incompatible materials

## 11 – TOXICOLOGICAL INFORMATION

<b>Acute Toxicity:</b>	not available	<b>Chronic Toxicity:</b>	none known
<b>Component Information:</b>	See Section 3	<b>Mutagenic Effects:</b>	none known
<b>Carcinogenic Effects:</b>	none known	<b>Target Organ Effects:</b>	none known
<b>Reproductive Toxicity:</b>	none known	<b>Sensitization:</b>	none known
<b>Synergistic Materials:</b>	none known		

**Prolonged or Repeated Exposure - Skin:** may cause drying, defatting or dermatitis

## 12 – ECOLOGICAL INFORMATION

**Biodegradability:** It maybe considered biodegradable  
**BOD/COD values:** not available **Ecotoxicity:** not available

## 13 – DISPOSAL CONSIDERATION

**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 & local regulations prior to disposal. Consult your local or regional authorities.

## 14 – TRANSPORT INFORMATION

Certain shipping modes or package sizes may have exceptions from the transport regulations. The classification provided may not reflect those exceptions and may not apply to all shipping modes or package sizes.

**UN CLASSIFICATION:** CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S. (sodium metasilicate) Class 8 UN 3266 PGII

See shipping documents for specific transportation information.

## 15 – REGULATORY INFORMATION

**WHMIS:** D2B, E  
**Canada Inventory:** All components are listed or exempted.

## 16 – OTHER INFORMATION

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