



## SECTION 1 – IDENTIFICATION

**NAME:** POLINOX

**USE:** Stainless steel cleaner and polish

**MANUFACTURER:** B.O.D. CHEMICALS INC.  
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## SECTION 2 – HAZARDS IDENTIFICATION

### GHS CLASSIFICATION

**PHYSICAL HAZARDS** Flammable liquid, category 3

**HEALTH HAZARDS** Aspiration hazard, category 1

**ENVIRONMENTAL HAZARDS** Not available

### GHS LABEL ELEMENTS

**PICTOGRAM:**



**SIGNAL WORD:** DANGER

**HAZARD STATEMENTS:** Flammable liquid and vapour.  
May be fatal if swallowed and enters airways.

### PRECAUTIONARY STATEMENTS

**PREVENTION:** Keep away from heat/sparks/open flames/hot surfaces. - No smoking.  
Keep container tightly closed. Ground/bond container and receiving equipment.  
Use explosion-proof electrical/ventilating/lighting equipment.  
Use only non-sparking tools. Take precautionary measures against static discharge.  
Wear protective gloves/protective clothing/eye protection/face protection.  
Wash skin thoroughly after handling.

**RESPONSE:** **In case of fire:** Use water spray, carbon dioxide, dry chemical or alcohol foam for extinction.  
**If on skin (or hair):** Remove/take off immediately all contaminated clothing. Wash with a plenty of soap and water. Wash contaminated clothing before reuse. **If swallowed:** Immediately call a POISON CENTER or doctor/physician. Do NOT induce vomiting.

**STORAGE / DISPOSAL:** Store in a well-ventilated place. Keep cool. Store locked up. Dispose of contents/container in accordance with local regulations.

## SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS

INGREDIENT	CAS	% (W/W)
Petroleum distillate	064741-65-7	40 - 70
Petroleum distillate	064742-52-5	30 - 60

## SECTION 4 – FIRST AID MEASURES

**SKIN:** Remove contaminated clothing. Rinse skin with water for at least 10 minutes/shower.  
Consult a physician if irritation persists.

- EYES:** Rinse cautiously with water for 15 minutes, keeping eyelids open. Remove contact lenses, if present and easy to do. Continue rinsing. Call a physician immediately.
- INGESTION:** Rinse mouth. Do not induce vomiting. Drink 3 to 4 glasses of water. Do not give anything by mouth if victim is unconscious. Call a physician immediately.
- INHALATION:** Breathe fresh air. Give artificial respiration if necessary. Consult a physician if discomforts persist.
- TO PHYSICIAN:** Treat symptoms

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## SECTION 5 – FIRE-FIGHTING MEASURES

- FLAMMABLE:** The product is flammable.
- EXTINGUISHING MEDIA:** Water spray, dry chemical, carbon dioxide, alcohol foam
- UNSUITABLE EXTINGUISHING MEDIA:** Not available.
- SPECIFIC HAZARDS:** Vapors may cause a flash fire or ignite explosively. Vapors may travel considerable distance to a source of ignition. Prevent buildup of vapors or gases to explosive concentrations.
- HAZARDOUS COMBUSTION PRODUCTS:** Carbon monoxide and carbon dioxide.
- SPECIAL FIRE FIGHTING PROCEDURES:** Wear protective clothing and positive pressure self-contained breathing apparatus if necessary. Water may be ineffective in fighting the fire. Use water spray to keep fire-exposed containers cool.

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## SECTION 6 – ACCIDENTAL RELEASE MEASURES

- PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES:** exposed to Ventilate enclosed areas. Avoid contact of the product with eyes and skin. Do not breathe fumes. No smoking. Wear gloves, safety goggles and respirator if needed. Prevent discharge in sewers. Evacuate persons who are downwind. Persons who may have been contaminated smoke should be immediately examined by a physician.
- ENVIRONMENTAL PRECAUTIONS:** Avoid the spillage or runoff entering drains, sewers or watercourses. Spillage or uncontrolled discharges into watercourses must be reported to the Environmental Agency or other appropriate regulatory body.
- METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP:** Wear protective clothing. Eliminate sources of ignition. Absorb spill with vermiculite or other inert material. Sweep up and collect in appropriate containers for disposal. Rinse area with copious amounts of water.

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## SECTION 7 – HANDLING AND STORAGE

- PRECAUTIONS FOR SAFE HANDLING:** Avoid contact of the product with eyes and skin. Do not breathe mist/vapours/spray. No smoking. Use only with adequate ventilation. Wash thoroughly after handling.
- CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES:** Keep containers closed, in fresh, dry and well ventilated area, away from incompatible materials. Ventilate enclosed areas.

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## SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

- APPROPRIATE ENGINEERING CONTROL:** Good ventilation (typically 10 air changes per hour).

### PERSONAL PROTECTIVE EQUIPMENT



- SKIN:** Protective clothing. Impermeable gloves.
- EYES:** Safety goggles.
- RESPIRATORY:** If ventilation is inadequate, suitable respiratory protection must be worn.

HYGIENE MEASURES: Wash hands after handling.

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## SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE / FORM:	Clear liquid
COLOR:	Colorless-beige
ODOR:	Lemon
ODOR THRESHOLD:	Not available
pH	Not applicable
MELTING POINT / FREEZING POINT (°C):	< 0
BOILING POINT (°C):	> 200
FLASH POINT (°C):	Not available
EVAPORATION RATE:	Not available
EXPLOSIVE LIMITS:	Not available
VAPOUR PRESSURE:	Not available
VAPOUR DENSITY:	Not available
DENSITY (kg/L):	0.80 - 0.86
WATER SOLUBILITY:	Insoluble
PARTITION COEFFICIENT / N-OCTANOL/WATER:	Not available
AUTOIGNITION TEMPERATURE (°C):	Not available
DECOMPOSITION TEMPERATURE:	Not available

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## SECTION 10 – STABILITY AND REACTIVITY

REACTIVITY:	No dangerous reaction known under conditions of normal use.
STABLE:	Stable at normal ambient temperatures and when used as recommended.
HAZARDOUS REACTIONS:	Hazardous polymerisation does not occur.
CONDITIONS TO AVOID:	Heat, sparks, flames, contact with incompatible materials.
INCOMPATIBILITY:	Strong oxidizing agents, high temperatures, sparks, flames
HAZARDOUS DECOMPOSITION PRODUCTS:	Carbon monoxide, carbon dioxide.

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## SECTION 11 – TOXICOLOGICAL INFORMATION

### INFORMATION ON LIKELY ROUTES OF EXPOSURE

SKIN:	May cause mild skin irritation.
EYES:	May cause an irritation.
INHALATION:	May cause an irritation.
INGESTION:	May be fatal if swallowed and enters airways.

### INFORMATION ON TOXICOLOGICAL EFFECTS

ACUTE ORAL TOXICITY:	LD50 (oral, rat): > 2000 mg/kg
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<b>ACUTE DERMAL TOXICITY:</b>	Not available.
<b>ACUTE INHALATION TOXICITY:</b>	May cause an irritation.
<b>SKIN CORROSION / IRRITATION:</b>	May cause mild skin irritation.
<b>SERIOUS EYE DAMAGE / EYE IRRITATION:</b>	May cause eye irritation.
<b>RESPIRATORY SENSITIZATION:</b>	Not expected to cause respiratory sensitization.
<b>SKIN SENSITIZATION:</b>	Not expected to cause skin sensitization.
<b>GERMINAL CELL MUTAGENICITY:</b>	No data available to indicate product or components present at greater than 0.1% are mutagenic or genotoxic.
<b>CARCINOGENICITY:</b>	No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen.
<b>REPRODUCTIVE TOXICITY:</b>	No potential reproductive toxicity.
<b>SPECIFIC TARGET ORGAN TOXICITY-SINGLE EXPOSURE:</b>	Not classified
<b>SPECIFIC TARGET ORGAN TOXICITY-REPEATED EXPOSURE:</b>	Not classified
<b>ASPIRATION HAZARD:</b>	Aspiration into the lungs during ingestion or vomiting may cause chemical pneumonitis which may be fatal.

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## SECTION 12 – ECOLOGICAL INFORMATION

<b>ECOTOXICITY:</b>	Not available.
<b>PERSISTENCE AND DEGRADABILITY:</b>	Not available.
<b>BIOACCUMULATIVE POTENTIAL:</b>	Not available.
<b>MOBILITY IN SOIL:</b>	Not available.
<b>OTHER ADVERSE EFFECTS:</b>	No data available.

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## SECTION 13 – DISPOSAL CONSIDERATIONS

<b>DISPOSAL INSTRUCTIONS:</b>	Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Do not allow this material to drain in sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose of contents/container in accordance with local/regional/national/international regulations.
<b>HAZARDOUS WASTE CODE:</b>	The waste code should be assigned in discussion between the user, the producer and the waste disposal company.
<b>WASTE FROM RESIDUES / UNUSED PRODUCTS:</b>	Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).
<b>CONTAMINATED PACKAGING:</b>	Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal.

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## SECTION 14 – TRANSPORT INFORMATION

<b>TDG / DOT:</b>	UN1993, FLAMMABLE LIQUID, N.O.S. (Petroleum distillate), Class 3, PG III
<b>SPECIAL PRECAUTIONS FOR USER:</b>	Read safety instructions, SDS and emergency procedures before handling.

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## SECTION 15 – REGULATORY INFORMATION

## **SECTION 16 – OTHER INFORMATION**

**PRODUCT NAME:** POLINOX  
**PREPARED BY:** B.O.D. CHEMICALS INC.  
**PHONE:** (450) 443-5556  
**DATE:** July 11th, 2017

B.O.D. CHEMICALS INC. assume no responsibility for damages or physical injuries resulting in the use of this product. The user recognizes the risk in the use of this product and must consult and respect directions and dangers of this product.