

SECTION 1 – IDENTIFICATION

NAME / CODE: POLINOX / 1500XX

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.

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. **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 (see 13th section).

SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS

INGREDIENT	CAS	% (W/W)
Light hydrotreated paraffinic distillate	064742-52-5	40 - 70
Isoalkane distillate	064741-65-7	30 - 60

SECTION 4 – FIRST AID MEASURES

SKIN: Remove contaminated clothing. Wash skin with soap and water. Consult a physician if irritation persists.

EYES:	Rinse cautiously with water for 10-15 minutes, keeping eyelids open. Remove contact lenses, if present and easy to do. Continue rinsing. Consult a physician if irritation persists.
INGESTION:	Rinse mouth. Do not induce vomiting. 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.
MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED:	Inhalation: May cause lung inflammation or damage if enters lungs through vomiting or swallowing. Skin: Irritation, redness. Eyes: Irritation, redness.
TO PHYSICIAN:	Treat symptoms.

SECTION 5 – FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA:	Water spray, carbon dioxide, chemical powder, foam.
UNSUITABLE EXTINGUISHING MEDIA:	Do not use water jet as an extinguisher, as this will spread the fire.
SPECIFIC HAZARDS OF THE HAZARDOUS PRODUCT:	The product is flammable. In case of fire, toxic fumes are emitted. The product does not burn itself but can decompose during heating to produce carbon monoxide and dioxide and toxic fumes. decompose upon heating to produce corrosive and/or toxic fumes. Vapors may cause a flash fire or ignite explosively. Prevent buildup of vapors or gases to explosive concentrations.
SPECIAL FIRE FIGHTING PROCEDURES:	Wear protective clothing and self-contained breathing apparatus if necessary.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES:	Ventilate enclosed areas. Avoid contact of the product with eyes and skin. Do not breathe vapours. Wear gloves, safety goggles and respirator if needed. Prevent discharge in sewers. Keep away from incompatible materials.
ENVIRONMENTAL PRECAUTIONS:	Avoid the spillage or runoff entering drains, sewers or watercourses.
METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP:	Wear protective clothing. Control spill to prevent runoff into sewers. Cover with inert absorbent material and recover in suitable containers. Sweep and rinse with water.

SECTION 7 – HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING:	Avoid contact of the product with eyes and skin. Do not breathe vapours. No smoking. Use only with adequate ventilation. Wash hands 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.

SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

OCCUPATIONAL EXPOSURE LIMITS

No occupational exposure limits known.

APPROPRIATE ENGINEERING CONTROL:	Good ventilation
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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.

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 (°C):	Not available

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:	Contact with incompatible materials.
INCOMPATIBILITY:	High temperatures, sparks, flames, strong oxidizing agents.
HAZARDOUS DECOMPOSITION PRODUCTS:	Carbon monoxide, carbon dioxide.

SECTION 11 – TOXICOLOGICAL INFORMATION

INFORMATION ON LIKELY ROUTES OF EXPOSURE

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

NUMERIC VALUES OF TOXICITY

ACUTE ORAL TOXICITY:	LD50 (rat): 7457 mg/kg
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ACUTE DERMAL TOXICITY:	Not available. No health effects expected (normal conditions of use).
ACUTE INHALATION TOXICITY:	Not available. No health effects expected (normal conditions of use).
<u>DELAYED AND IMMEDIATE EFFECTS</u>	
SKIN CORROSION / IRRITATION:	No serious effect.
SERIOUS EYE DAMAGE / EYE IRRITATION:	No serious effect.
RESPIRATORY SENSITIZATION:	Not expected to cause respiratory sensitization.
SKIN SENSITIZATION:	Not expected to cause skin sensitization.
GERMINAL CELL MUTAGENICITY:	No data available to indicate product or components present at greater than 0.1% are mutagenic or genotoxic.
CARCINOGENICITY:	No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen.
REPRODUCTIVE TOXICITY:	No potential reproductive toxicity.
SPECIFIC TARGET ORGAN TOXICITY-SINGLE EXPOSURE:	Not classified
SPECIFIC TARGET ORGAN TOXICITY-REPEATED EXPOSURE:	Not classified
ASPIRATION HAZARD:	Aspiration into the lungs during ingestion or vomiting may cause chemical pneumonitis which may be fatal.

SECTION 12 – ECOLOGICAL INFORMATION

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

SECTION 13 – DISPOSAL CONSIDERATIONS

DISPOSAL INSTRUCTIONS:	Collect in appropriate containers and recycle or dispose the product at a licensed waste disposal site or in accordance with local regulations. Avoid the spillage or runoff entering drains, sewers or watercourses.
HAZARDOUS WASTE CODE:	The waste code should be assigned in discussion between the user, the producer and the waste disposal company.
CONTAMINATED PACKAGING:	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.

SECTION 14 – TRANSPORT INFORMATION

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

SECTION 15 – REGULATORY INFORMATION

Ingredients included on inventory of DSL (Canada), REACH, TSCA (USA)

SECTION 16 – OTHER INFORMATION

PRODUCT NAME: POLINOX
CODE: 1500XX
IN CASE OF ACCIDENTAL SPILL: CANUTEC (Canada): 1 (613) 996-6666
PREPARED BY: B.O.D. CHEMICALS INC.
PHONE: (450) 443-5556
DATE: November 19th, 2018

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.