



SECTION 1 – IDENTIFICATION

NAME: SANI-CLEAN

USE: Acid cleaner for evaporator pans

MANUFACTURER: B.O.D. CHEMICALS INC.
3300, Star Street, Saint-Hubert, Qc, Canada, J3Y 3W6
Phone : (450) 443-5556 / Fax : (450) 443-6230 / Email : info@chimiquesbod.com

EMERGENCY PHONE: CANUTEC (Canada): 1 (613) 996-6666
CHEMTREC (USA): 1 (800) 424-9300

SECTION 2 – HAZARDS IDENTIFICATION

GHS CLASSIFICATION

PHYSICAL HAZARDS Corrosive to metals, category 1

HEALTH HAZARDS Skin corrosion/irritation, category 1B
Serious eye damage/eye irritation - Serious eye damage, category 1

ENVIRONMENTAL HAZARDS Not available

GHS LABEL ELEMENTS

PICTOGRAM:



SIGNAL WORD: DANGER

HAZARD STATEMENTS: May be corrosive to metals.
Causes severe skin burns and eye damage.

PRECAUTIONARY STATEMENTS

PREVENTION: Keep only in original container.
Do not breathe mist/vapours/spray.
Wash contaminated skin thoroughly after handling.
Wear protective gloves/protective clothing/eye protection/face protection.

RESPONSE: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
IF INHALED: Remove person to fresh air and keep comfortable for breathing.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER/doctor. Specific treatment (see medical advice on the label).
Wash contaminated clothing before reuse.
Absorb spillage to prevent material damage.

STORAGE / DISPOSAL: Store locked up.
Dispose of contents/container in accordance with local, regional, national, and/or international regulations.

SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS

INGREDIENT	CAS	% (W/W)
Phosphoric Acid	007664-38-2	85

SECTION 4 – FIRST AID MEASURES

- SKIN:** Remove contaminated clothing. Rinse skin with water for at least 20 minutes/shower. Consult a physician if irritation persists.
- EYES:** Rinse cautiously with water for 15-30 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

SECTION 5 – FIRE-FIGHTING MEASURES

- FLAMMABLE:** The product is not flammable.
- EXTINGUISHING MEDIA:** Use extinguishing media suitable for surround fire
- UNSUITABLE EXTINGUISHING MEDIA:** Not available.
- SPECIFIC HAZARDS:** Non-combustible. Under fire conditions, toxic, corrosive fumes emitted.
- HAZARDOUS COMBUSTION PRODUCTS:** Non-combustible, substance itself does not burn but may decompose upon heating to produce corrosive and/or toxic fumes. Oxides of phosphorus
- SPECIAL FIRE FIGHTING PROCEDURES:** Wear protective clothing and positive pressure 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 dusts. Wear gloves, safety goggles and respirator if needed. Prevent discharge in sewers. Evacuate residents who are downwind. Persons who may have been exposed to 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:** Exercise caution during neutralization as considerable heat may be generated. Neutralise spill area with soda ash or sodium bicarbonate. Rinse area with copious amounts of water. Sweep up and collect in appropriate containers for disposal.

SECTION 7 – HANDLING AND STORAGE

- PRECAUTIONS FOR SAFE HANDLING:** Avoid contact of the product with eyes and skin. Do not breathe mist/vapours/spray.
- 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

APPROPRIATE ENGINEERING CONTROL: Normal ventilation

PERSONAL PROTECTIVE EQUIPMENT



- SKIN:** Protective clothing. Impermeable gloves
- EYES:** Wear face shield and 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: Viscous Liquid

COLOR: Colorless

ODOR: Odorless

ODOR THRESHOLD: Not available

pH < 1

MELTING POINT / FREEZING POINT (°C): 21

BOILING POINT (°C): 100 - 200

FLASH POINT (°C): Not available

EVAPORATION RATE: Not available

EXPLOSIVE LIMITS: Not available

VAPOUR PRESSURE: < 2 mm HG

VAPOUR DENSITY: Not available

DENSITY (kg/L): 1.68 - 1.70

WATER SOLUBILITY: Complete

PARTITION COEFFICIENT / N-OCTANOL/WATER: Not available

AUTOIGNITION TEMPERATURE (°C): Not available

DECOMPOSITION TEMPERATURE: 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: Strong oxidizing agents, strong reducing agents, bases, certain metals, chlorinated bleach.

HAZARDOUS DECOMPOSITION PRODUCTS: Oxides of phosphorus.

SECTION 11 – TOXICOLOGICAL INFORMATION

INFORMATION ON LIKELY ROUTES OF EXPOSURE

SKIN: Corrosive. Causes severe skin burns and eye damage.

EYES: Corrosive. Can cause permanent damage to the cornea, blindness.

INHALATION: May cause an irritation.

INGESTION: Corrosive. May cause a severe irritation.

SYMPTOMS RELATED TO THE PHYSICAL, CHEMICAL AND TOXICOLOGICAL CHARACTERISTICS:

Burning pain and severe corrosive skin damage. Permanent eye damage including blindness could result.

INFORMATION ON TOXICOLOGICAL EFFECTS

ACUTE ORAL TOXICITY:	LD50 (oral, rat): 1530 mg/kg
ACUTE DERMAL TOXICITY:	LD50 (oral, rabbit): 2740 mg/kg
ACUTE INHALATION TOXICITY:	No health effects (normal conditions of use)
SKIN CORROSION / IRRITATION:	Causes severe skin burns.
SERIOUS EYE DAMAGE / EYE IRRITATION:	Causes severe eye burns. Causes serious eye damage.
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 or potential 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:	Not classified.

SECTION 12 – ECOLOGICAL INFORMATION

ECOTOXICITY:	LC50, (96 hours): 138 mg/l, Mosquitofish
PERSISTENCE AND DEGRADABILITY:	Not available
BIOACCUMULATIVE POTENTIAL:	Not available.
MOBILITY IN SOIL:	Not available
OTHER ADVERSE EFFECTS:	While acidity of this material is readily reduced in natural waters, the resulting phosphate may persist indefinitely or incorporate into biological systems.

SECTION 13 – DISPOSAL CONSIDERATIONS

DISPOSAL INSTRUCTIONS:	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.
HAZARDOUS WASTE CODE:	The waste code should be assigned in discussion between the user, the producer and the waste disposal company.
WASTE FROM RESIDUES / UNUSED PRODUCTS:	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).
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: UN1805, PHOSPHORIC ACID, SOLUTION, Class 8, PG III

ENVIRONMENTAL HAZARDS (MARINE POLLUANT): No

TRANSPORT IN BULK: Not available

SPECIAL PRECAUTIONS FOR USER: Read safety instructions, SDS and emergency procedures before handling.

SECTION 15 – REGULATORY INFORMATION

Under United States Regulations (29 CFR 1910.1200 - Hazard Communication Standard), this product is considered hazardous.

INVENTORY INFORMATION: Canada DSL Yes

U.S. - FDA - Food Additives Generally Recognized as Safe (GRAS) Phosphoric acid CFR 182.1073

U.S. - CAA (Clean Air Act) - 1990 Hazardous Air Pollutants Phosphoric acid Not Listed

Canada - 2005 NPRI (National Pollutant Release Inventory) Phosphoric acid Not Listed

SECTION 16 – OTHER INFORMATION

PRODUCT NAME: SANI-CLEAN

PREPARED BY: B.O.D. CHEMICALS INC.

PHONE: (450) 443-5556

DATE: January 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.