
SECTION I - PRODUCT IDENTIFICATION AND PREPARATION INFORMATION

PRODUCT NAME: DGP 3603 EFFECTIVE DATE: December 1, 2011

WHMIS CLASS: Drain Opener CODE: 7239
Class D - Division 1B
Class E - Corrosive MaterialT.D.G. CLASSIFICATION: Potassium Hydroxide, Solution
CLASS: 8 UN: 1814 PG: IIMANUFACTURER NAME AND ADDRESS: BRODI SPECIALTY PRODUCTS LTD.
3175 14th AVE, UNIT 1
MARKHAM, ONTARIO L3R 0H1
(905) 475-6084

MSDS PREPARED BY: MSDS CO-ORDINATOR, (877) 744-0751 EXT 205, BRODI SPECIALTY PRODUCTS LTD

EMERGENCY PHONE: CANUTEC (613) 996 6666

SECTION II - HAZARDOUS INGREDIENTS

INGREDIENTS:	CAS#	WT%	ACGIH-TLV	LC50	LD50
Potassium Hydroxide	1310-58-3	40-70	2 mg/m ³ Ceiling	Not available	365 mg/kg (Oral Rat)

SECTION III- PHYSICAL DATA

BOILING POINT (Deg C):	Not available	SPECIFIC GRAVITY (H2O=1):	1.45
VAPOUR PRESSURE (mm Hg):	Not available	PERCENT VOLATILE (WT%):	50
VAPOUR DENSITY(Air=1):	Similar	EVAPORATION RATE (Water=1):	Similar
SOLUBILITY IN WATER:	Soluble	PH (AS SUPPLIED):	>14
PHYSICAL STATE:	Liquid	VISCOSITY:	Not available
APPEARANCE AND ODOUR:	Clear colourless, odourless.		

SECTION IV- FIRE AND EXPLOSION DATA

FLAMMABILITY: Not flammable
FLASH POINT (Deg C, method): Not applicable
LEL: Not available
UEL: Not available
HAZARDOUS COMBUSTION PRODUCTS: Oxides of carbon
MEANS OF EXTINCTION: Use extinguishing media appropriate for surrounding fire.
SPECIAL FIRE HAZARDS: None known at this time.
SPECIAL FIRE PROTECTIVE EQUIPMENT: Fire fighters should wear full protective clothing, including self-contained breathing equipment.

SECTION V- REACTIVITY DATA

CONDITIONS FOR CHEMICAL INSTABILITY: Stable
MATERIALS TO AVOID: Acids. Metals and alloys. Zinc. Tin. Aluminum. Organic chemicals. Nitrocarbons, halocarbons.
HAZARDOUS DECOMPOSITION: Flammable hydrogen gas.

SECTION VI- TOXICOLOGICAL PROPERTIES

ROUTE OF ENTRY: Eye, Skin Contact, Inhalation and Ingestion

EFFECTS OF ACUTE EXPOSURE:

EYE: Contact can cause burns, severe corneal damage and permanent loss of vision.

SKIN: Contact can cause redness, burns, pain, blistering and tissue destruction.

INHALATION: Inhalation of mist may cause damage to nasal and respiratory passages.

INGESTION: Causes burns to the mouth, throat and stomach. May cause severe damage of gastrointestinal tract.

EFFECTS OF CHRONIC EXPOSURE:

SKIN: Prolonged exposure can cause skin burns.

IRRITANCY: Hazardous by WHMIS Criteria

RESPIRATORY TRACT SENSITIZATION: No data available

CARCINOGENIC EFFECTS: Insufficient data available

TERATOGENIC EFFECTS: Insufficient data available

MUTAGENIC EFFECTS: Insufficient data available

SYNERGISTIC MATERIALS: Not available

SECTION VII-PREVENTATIVE MEASURES

GLOVES: Neoprene, rubber, Natural rubber.

EYE PROTECTION: Chemical splash goggles

RESPIRATORY PROTECTION: Not normally required if good ventilation is maintained and exposure guidelines are not exceeded. If inhalation of high concentrations of mist is likely, use high efficiency air respirator.

OTHER PROTECTIVE EQUIPMENT: As required by employer codes.

ENGINEERING CONTROLS: General ventilation normally adequate. Local exhaust for dusts, mists or fumes.

LEAK AND SPILL PROCEDURE: Before attempting clean up, refer to hazard data given above. 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 federal, provincial and local government requirements prior to disposal.

STORAGE REQUIREMENTS: Store in closed container. Store away from incompatible materials. Use corrosion resistant structural materials for containment.

SECTION VIII- FIRST AID

EYE: Immediately flush with water for 15 minutes. Call a doctor immediately.

SKIN: Wash with water for 15 minutes. Call a doctor if irritation develops and persists. Completely decontaminates clothing, shoes and leather goods before reuse or discard.

INHALATION: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, call a doctor.

INGESTION: do not induce vomiting. Rinse mouth with water; slowly dilute with two or more glasses of water. Contact doctor immediately. Never give anything by mouth if victim is unconscious, is rapidly losing consciousness or is convulsing.

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