



MATERIAL SAFETY DATA SHEET (MSDS)

Nitro Liquid Drain Opener

Acid Cleaners

SECTION I ▶ PRODUCT IDENTIFICATION					
Product Name		Product Type		WHMIS Classification	
Nitro		Liquid Drain Opener		D1A, E	
SECTION II ▶ HAZARDOUS INGREDIENTS					
Chemical Name		Cas Registry No.	%	Toxicity	
Sulphuric Acid		7664-93-9	60-100	LD50 ORAL(RAT) 2.1g/kg LC50 (RAT) 510 mg/m3 (2 hours)	
SECTION III ▶ PHYSICAL DATA					
Appearance	Odour	pH	Boiling Point	Specific Gravity	Solubility in Water
Clourless or tan colored liquid	Unscented	<1.0	290 °C	1.8	100 %
SECTION IV ▶ FIRE AND EXPLOSION HAZARD DATA					
Flash Point (°C): None			Extinguishing media: Not Applicable		
Special fire fighting procedures: Avoid direct use of water which can generate heat and cause splattering.					
Unusual fire and explosion hazards: Can react with oxidizing and reducing agents to cause fires and explosions. Can react with metals to produce flammable hydrogen gas.					
SECTION V ▶ TOXICOLOGICAL PROPERTIES					
HAZARD RATING: Health = 3 Flammability = 0 Reactivity = 3					Rating System 0 = Insignificant 1 = Slight 2 = Moderate 3 = High 4 = Extreme
Swallowing: Very corrosive to digestive tract, teeth, etc.					
Inhalation: Very corrosive to mucous membrane and lungs.					
Skin Absortion: Effect unknown by toxicity is expected.					
Skin Contact: Very corrosive; causes severe burns.					
Eye Contact: Very corrosive; causes severe injury.					
Special Warning: None					
SECTION VI ▶ FIRST AID MEASURES					
Ingestion: Do not induce vomiting. Rinse mouth with water. Drink large quantities of milk or water. Call a physician immediately.					
Inhalation: Remove to fresh air. Apply artificial respiration if necessary. Call a physician.					
Skin: Wash thoroughly with water for at least 15 minutes Call a physician.					
Eyes: Flush thoroughly with water for at least 15 minutes. Call a physician immediately.					
SECTION VII ▶ REACTIVITY DATA					
Stable: Yes					
Conditions to avoid: Do not add water directly to acid.					
Incompatibility with other materials: Directly added water, organic compounds, alkalies, oxidants, metals.					
Hazardous decomposition products: Sulphur oxides, acid fumes, H ² , Gas					
Hazardous polymerization: Will not occur.					
SECTION VIII ▶ PREVENTIVE MEASURES					
Hand protection: Neoprene, PVC or rubber gloves					
Eye protection: Goggles or face shield					
Ventilation: General					
Respiratory protection: Use respirator if misty conditions prevail.					
Other protective equipment: Neoprene, PVC or rubber apron when handling large quantities.					
Steps to be taken in case material is released or spilled: Ventilate area. Wear protective gear. Neutralize small spills with soda ash or lime and wash down with large quantities of water. Never add water directly to spill or an explosive reaction and splattering may result.					
Waste disposal method: Flush neutralized material into waste systems in accordance with municipal, provincial and federal regulations.					
Precautions to be taken in handling and storage: Normal handling processes. Inside storage at 4-40 °C recommended.					
Other precautions: Follow label use instructions.					
UN: 1830		TDG Class: 8 (9.2)		Packing Group: II	
TDG Emergency Telephone Number: 613-996-6666 (COLLECT)					
SECTION IX ▶ PREPERATION DATA					
Prepared by: M. Mikoluk			Last updated: June 1, 2015		
Location: Dustbane Products Limited, 25 Pickering Place, Ottawa, Ontario, K1G 5P4 – 613-745-6861					

Nitro

Liquid Drain Opener

“Provides a powerful and fast acting solution for drainage issues as it clears the toughest clogs from any drain quickly. Safe for all septic systems and pipes, including PVC, plastic, and old pipes.”

FEATURES AND BENEFITS

- Contains sulphuric acid:** Effectively and quickly dissolves organic blockages.
- Contains an inhibitor:** Will not corrode metal pipes.
- Odourless:** No offensive vapours or fumes.

WHERE TO USE

May be used in drain, toilets, urinals, grease traps, cesspools, septic tanks, etc.

HOW TO USE

Wear gloves and safety glasses. Do not NOT mix this product with any other chemicals or cleaning compound such as bowl and drain cleaner as a violent reaction or toxic fumes may result. Purge drain before using this product in order to remove any possible residual chemical. Add the recommended quantity to the drain. Always add the product carefully and slowly down the side of the toilet, sink or drain. Allow to stand for 15 minutes then flush with large amounts of cold water to clear drain. Do not pour in standing water or completely plugged drain. Always use cold water to flush drain as this reduces the amount of heat generated. If drain line is not completely opened, repeat application.

Recommended quantity:

Small drain (up to 5 cm/2")	227 mL (8 oz)
Floor drain (up to 10 cm/8")	909 mL (32 oz)
Large drain (up to 20 cm/8")	1.8 L (64 oz)
Toilets (lower water level by adding a bucket of water)	454 mL (16 oz)
Grease trap	909 mL (32 oz)
Septic tank	200 mL/100l (32 oz/100 Gal)
Cesspool	400 mL/100l (64 oz/100 Gal)

Note: The recommended quantity or generalised for the application and can vary according to the type of obstruction, conditions and dimension of pipes.

SPECIFICATIONS

- Appearance:** Colourless or tan liquid
- Fragrance:** Unscented
- pH (conc.):** <1.0
- pH (1%):** <1.0
- Solvent:** None
- Phosphate:** None
- WHMIS:** Yes
- TDG:** Yes