

CHEMICAL INTERNATIONAL

SAFETY DATA SHEET

EMERGENCY#: CANUTEC (613)996-6666

PRODUCT IDENTIFICATION AND PREPARATION INFORMATION

PRODUCT NAME: C.I. Ren-O-Grout

EFFECTIVE DATE: January 30, 2022

WHMIS CLASS: E : Corrosive Liquid Class D : Div.2 : Subdiv.B : Severe Eye Irritant

T.D.G. CLASSIFICATION: Corrosive Liquids N.O.S. Phosphoric and sulfuric acid.

UN: 1760 **CLASS:** 8 **PG:** II

MATERIAL USE: Tile And Grout Cleaner.

HAZARDOUS INGREDIENTS

<u>INGREDIENTS</u>	<u>CAS #</u>	<u>Wt%</u>	<u>LC50/LD50</u>
Sulfuric Acid	7664939	3-7	2140mg/kg oral-rat
Phosphoric Acid	7664382	5-10	1530mg/kg oral-rat
Ethoxylated Nonylphenol	9016459	3-7	1310mg/kg oral-rat

Calculated LD50 for product : >11 g/kg

PHYSICAL DATA

BOILING POINT(oC): 105

VAPOUR PRESSURE (mm Hg): 15.0

SPECIFIC GRAVITY (H2O=1): 1.063 g/ml @ 20oC

VAPOUR DENSITY (Air=1): >1

EVAPORATION RATE (H2O=1): <1

PHYSICAL STATE: Liquid

ODOUR THRESHOLD: N/A

pH (as supplied): 1-2 @ 20oC

FREEZING POINT(oC): -8

APPEARANCE AND ODOUR: Viscous yellow liquid with fruity scent.

FIRE AND EXPLOSION DATA

FLAMMABILITY: Nonflammable

FLASH POINT (Deg C method): None (closed or open cup)

UEL: N/AP

LEL: N/AP

HAZARDOUS COMBUSTION PRODUCTS: See HAZ. DECOMP. PROD.

MEANS OF EXTINCTION: As for surrounding materials.

AUTO IGNITION TEMP.: Decomposes at very high temperatures. (>400oC)

REACTIVITY DATA

CONDITIONS FOR CHEMICAL INSTABILITY: Very high temperatures.

INCOMPATIBILITY: Strong alkalies, strong oxidizing agents or reducing agents.

HAZARDOUS DECOMPOSITION PRODUCTS: Thermal decomposition may release toxic fumes of carbon, phosphorus, and sulphur oxides.

FIRST AID

EYE: Flood with running water for at least 10-15 minutes and see a doctor as soon as possible.

SKIN: Wash with soap and water. Rinse thoroughly.

INGESTION: Do not induce vomiting. Rinse mouth and throat well then drink 2-3 glasses of water and milk of magnesia. Get immediate medical attention. Never give anything by mouth to an unconscious person.

C.I. REN-O-GROUT

TOXICOLOGICAL PROPERTIES

ROUTE OF ENTRY: Eyes, skin contact, inhalation, ingestion

EFFECTS OF ACUTE EXPOSURE: Systemic toxic effects unlikely. See IRRITANCY.

EYE:

SKIN:

INHALATION:

INGESTION:

EFFECTS OF CHRONIC EXPOSURE: Chronic exposure to dilute solutions may irritate skin.

SKIN: Moderate to severe with prolonged contact.

IRRITANCY: Severe irritant to the eyes.

RESPIRATORY TRACT SENSITIZATION: Contains no known allergens.

CARCINOGENICITY: Contains no known or experimental allergens.

REPRODUCTIVE TOXIN: Contains no known or experimental reproductive toxins.

TERATOGENICITY: Contains no known or experimental teratogens.

MUTAGENICITY: Contains no known or experimental mutagens.

SYNERGISTIC MATERIALS: None known.

PREVENTATIVE MEASURES

GLOVES: Rubber and polyethylene gloves recommended for handling concentrate.

EYE PROTECTION: Chemical splash goggles for spray applications or where any splashing is likely.

ENGINEERING CONTROLS: None.

LEAK AND SPILL PROCEDURE: Dilute with water and mop up. Rinse with dilute alkaline detergent.

WASTE DISPOSAL: Flush to sewer with excess water. Large spills must first be neutralized with dilute alkali.

STORAGE REQUIREMENTS: No special requirements.

HMIS HAZARD RATING INFORMATION

FLAMMABILITY

REACTIVITY

HEALTH

DISCLAIMER: Information for this material safety data sheet was obtained from sources considered technically accurate and reliable. While every effort has been made to ensure full disclosure of product hazards, in some cases, data is not available and is so stated. Since conditions of actual product use are beyond the control of the supplier, it is assumed that the user of this material has been full trained according to the mandatory requirements of WHI M I S. No warranty, expressed or implied is made, and supplier will not be liable for any losses, injuries, or consequential damage which may result from the use or reliance on any information contained in this form. If user requires independent information on ingredients in this or any other material, we recommend contact with Canadian Center For Occupational Health and Safety (CCOHS) in Hamilton, Ontario (1-800-263-8276) or CCST in Montreal, Quebec (514-873-3990)

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